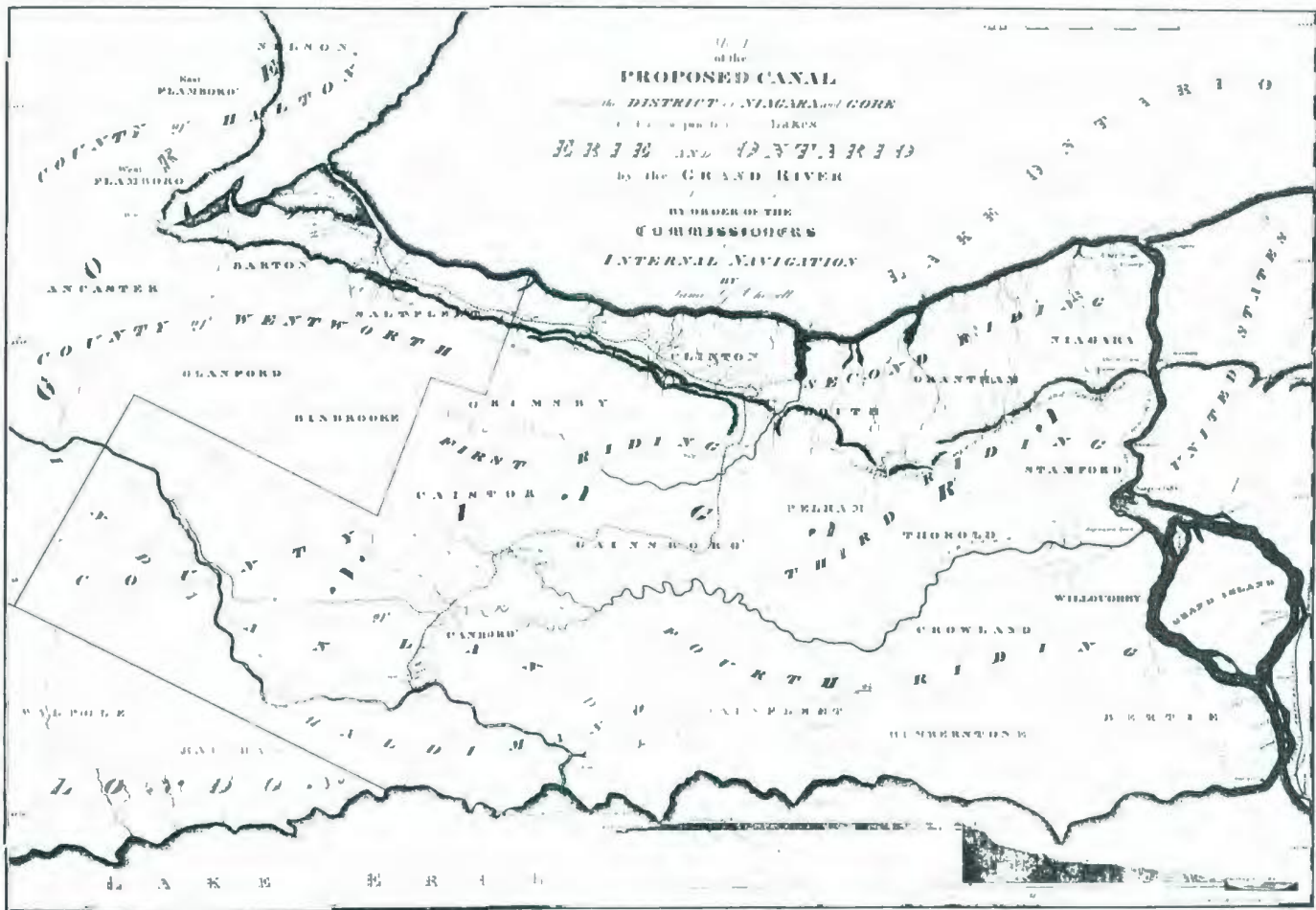


BULLETIN

ASSOCIATION DES CARTOTHÈQUES ET ARCHIVES CARTOGRAPHIQUES
DU CANADA



**ASSOCIATION OF CANADIAN MAP LIBRARIES AND ARCHIVES /
ASSOCIATION DES CARTOTHÈQUES ET ARCHIVES CARTOGRAPHIQUES DU CANADA**

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Table of Contents

President's Message	2
NOTICE OF MOTION: NAME CHANGE	3
REFERENCE SERVICE LEVELS FOR SPATIAL DATA DELIVERY AND GIS ACTIVITY IN LIBRARIES: A LOCAL ASSESSMENT - Colleen Beard	4
REFERENCE SERVICE LEVELS FOR SPATIAL DATA DELIVERY AND GIS ACTIVITY IN LIBRARIES: TRENT UNIVERSITY - A CASE STUDY OF A SMALL ACADEMIC LIBRARY - Barbara Znamirowski	9
RONALD WHISTANCE-SMITH, 1935-2003	14
REGIONAL NEWS - Pierre Roy	17
NOUVELLES REGIONALES - Pierre Roy	24
NEW BOOKS AND ATLASES/NOUVEAUTÉS LIVRES ET ATLAS - Martine Rocheleau	31
NEW MAPS - Danial Duda	33
GEOSPATIAL DATA REVIEWS - Richard Pinnell Quaternary Geology of Southern Ontario - Richard Pinnell Selected World Mineral Deposits Database - Cathy Moulder	35
ACMLA MEMBERSHIP LIST 2003	41
ICA MEETING IN SOUTH AFRICA 2003: MY REPORT - Alberta Auringer Wood	53
RESULTS OF THE JUDGING OF THE INTERNATIONAL CARTOGRAPHIC EXHIBITION, DURBAN 2003	57
BARBARA BARTZ PETCHENIK CHILDREN'S MAP COMPETITION, REPORT 2003	58

ON THE COVER...

Upper Canada, Commissioners of Internal Navigation, *Map of the Proposed Canal through the District of Niagara and Gore...*, 1823. Reproduced from an original in the Archives of Ontario, as ACML Facsimile Map Series No. 23 (ISSN 0827-8024).

Upper Canada, Commissioners of Internal Navigation, *Map of the Proposed Canal through the District of Niagara and Gore...*, 1823. Reproduit a partir d'un original des Archives of Ontario, dans la Série de cartes fac-similés de l'ACC, carte No. 23 (ISSN 0827-8024).

PRESIDENT'S MESSAGE

2004 ACMLA Conference in Winnipeg

The ACMLA conference will be held this coming spring in Winnipeg. We will be joining the Canadian Association of Public Data Users (CAPDU) at the Congress of the Humanities and Social Sciences. This promises to be a very interesting conference with our data librarian colleagues. I am sure many of you will enjoy learning more about data librarianship, and I know many data librarians are certainly keen on learning more about GIS librarianship. A strong local team is in place backed by ACMLA member Hugh Larimer and CAPDU member Gary Strike.

ACMLA Name Change Proposal

It is with both some reluctance and excitement that I am proposing in this issue that we begin thinking about changing the ACMLA name. I am proud of what the ACMLA name stands for, but at the same time realize that times do change and indeed they have for the ACMLA. Since the mid-1990s, many of our members' positions have changed to include the duties of Geographic Information Systems (GIS) librarianship. Many of our members in fact only participate in GIS duties and have no paper map library.

We have changed our name once before to accommodate the archival population of the Association, and I see no difference in wanting to accommodate and to invite the GIS population to become a part of the ACMLA. Furthermore, I see the change of our name as a way of explaining to outsiders, some of whom could possibly be future members with such a name change, that we are not only map library and archives people, but that most, or at least many, of us now also work on the digital side of maps and mapping.

In speaking with newer and younger members of the Association, it is clear to me that the name of the Association is a bit outdated as compared to what we do as part of our jobs. If we think to the future of our membership, we must realize that our name should convey that we have moved with the times and that we are even broader than what we first set out to be. Think of adding GIS to our name as an expansion, or as a statement of pride in what we have evolved to become.

Just as I also still work with paper maps almost as much as I do GIS, I do not intend with this change to forget the paper map side of our name or membership. But I do think it is time to consider a move of inclusion and of communication of what we in the ACMLA are about.

Please see the Notice of Motion (page 3) in this issue for more information on the process. As well, I would be happy to receive suggestions for possible names or feedback on the idea before the ACMLA conference, in order that the membership have a chance to look over all possible options.

CARTA

Andrew Hubbertz, is stepping down as the first listmaster of CARTA. I wish to thank Andrew for his hard work in establishing and maintaining this listserv for many years. Andrew will be replaced as listmaster by ACMLA member Christine Cullingworth of the University of Saskatchewan.

As discussed and decided upon at the ACMLA Annual General Meeting, an ACMLA listserv will also be created in the near future. James Boxall of Dalhousie University will be the listmaster.

continued on page 32

NOTICE OF MOTION NAME CHANGE

The following motion will be made at the Annual General Meeting of the Association of Canadian Map Libraries and Archives in Winnipeg in June, 2004. This motion for name change will be made by Marcel Fortin (President), and will be made for consideration and discussion by the Executive Committee and the general membership at that time.

Be it resolved, that the name of the Association of Canadian Map Libraries and Archives be changed to reflect the current nature of the work performed by a large number of our members that now includes the use of digital spatial data and Geographic Information Systems (GIS).

If there is a positive vote for a change of name, one of the names on the appended list may be selected, or another name arising out of discussion may be chosen.

1. Association of Canadian Geomatics Libraries and Archives (ACGLA)
2. Association of Canadian GIS Libraries and Archives (ACGLA)
3. Association of Canadian Cartographic Libraries and Archives (ACCLA)
4. Association of Canadian Map and Data Collections (ACMDC)
5. Association of Canadian Map and Data Libraries and Archives (ACMDLA)
6. Association of Canadian Map and Geodata Libraries and Archives (ACMGLA)
7. Association of Canadian Map and Geomatics Libraries and Archives (ACMGLA)
8. Association of Canadian Map and Geospatial Data Libraries and Archives (ACMGLA)
9. Association of Canadian Map and GIS Libraries and Archives (ACMGLA)
10. Association of Canadian Map/Data Libraries and Archives (ACMLA)
11. Association of Canadian Map/Geomatics Libraries and Archives (ACMLA)
12. Association of Canadian Map/GIS Libraries and Archives (ACMLA)

REFERENCE SERVICE LEVELS FOR SPATIAL DATA DELIVERY AND GIS ACTIVITY IN LIBRARIES: A LOCAL ASSESSMENT

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This paper has been revised from a presentation given as part of the panel session "Reference Service Levels for Data Delivery and GIS Activity in Libraries", at the "On the Edge 2003" conference at the University of Victoria, May 2003.

Abstract

As Canadian Universities welcome an explosion of geospatial data acquisition like we have never experienced before, I can only assume that colleagues across the country are encountering similar issues with data delivery and GIS services in the library. It is no longer a question of whether or not libraries provide access to this data, but rather which levels of service we can provide. As a medium sized university, Brock has certainly experienced service issues of its own. This paper discusses five service levels for the provision of spatial data and GIS activity that have emerged as a result of our own assessment of activity.

Introduction

In 1997, Prue Adler wrote "...there is no 'one size fits all' model for GIS in libraries and there continues to be the development of GIS programs and services to meet local community and institutional needs. This is appropriate and will likely not change."¹

GIS services that are offered in a library are dependent on many elements. But most significantly they must be built on local user needs. Supported by much of the literature, and not likely to be disputed, it is the needs of users which should dictate the level of service that is provided.

The Brock Map Library, a department of the University Library but located adjacent to its founder, the Geography Department, is responsible for developing the digital data collection, providing access to it, and managing GIS services campus wide. The staff consists of two full time employees, one professional and one library assistant. Although the University does not offer graduate courses in

GIS, it partners with Niagara College offering a specialized joint GIS program leading to an honours degree in Geography with specialization in GIS. These students define our "high-end" GIS data user group which is relatively small. Most of our users, however, are non-specialists from various faculties and departments across campus, including the University Administration.

Reference Service Levels

The provision of digital data and GIS services to Brock users can be categorized into five levels: data delivery, public workstation activity, teaching and instruction, custom GIS services, and web-based services. These levels are based on the extent of staff involvement and the expertise that is required. Other authors have based service levels on the knowledge of the user²; software capabilities³; or the type of data being used⁴. Within each of these levels are different degrees of service, ranging from a minimum and essential service, to activity which is entirely customer focussed. For example, every institution offers at least two or more of these levels of services, however at varying degrees. It would be inappropriate to assign a single service level to represent a library's progress.

Level One: Data Delivery

This level simply means "making digital data accessible" and is an essential library service. This involves collecting and organizing data and providing a copy to the user "as is". It sounds simple, but the process can become quite involved depending on how much a user is accommodated. The minimum degree of service does not require much staff knowledge of the data, and could be provided by a single data administrator for the

library and not necessarily through the map collection. It mainly accommodates the GIS-literate, whereby the needs are explicitly defined by the user and a working copy of the data is provided. In fact, the user is probably more knowledgeable than the staff in the use of the data. Such is the case with the Niagara satellite imagery. The staff's lack of knowledge about the data prevents them from providing additional assistance.

On the other hand, data delivery can involve much staff intervention with preparing the data for working use, such as conversion or manipulation of the data (cookie-cutting or cropping); packaging; administering a license agreement; and arranging a means of data transport. For example, the Map Library staff played a significant role in packaging data for students for a third year Human Geography GIS assignment. This involved selecting subsets of several datasets for Niagara, packaging and organizing data delivery to the students. Although this may seem straight forward, the procedure was complicated by problems with the university computer infrastructure, such as lack of a dedicated data server; the size of the data package exceeded the students' hard drive capacity which prevented direct copying; incompatibility of CD drives among campus computer labs; and lack of a university-wide GIS software license. Needless to say, electronic delivery is not a service we provide to a large extent. Electronic delivery is also restricted due to licensing. A user must visit the Library and sign an agreement before data can be released.

The process of acquiring data from data vendors at the student's request can also place demands on staff time. All these factors increase efforts for data delivery considerably and turn a minimum level of service into a service that is quite involved and complicated. Regardless of the degree at which this service is offered, providing data is an "essential" service.

Level Two: Public Workstation Access

This level acknowledges the increase in staff-user interaction once a public workstation is available in the Map Library for GIS and data use. It is imminent that staff will become more involved with assisting users with access to e-atlases, orthophotos, graphics software, and will field more technical questions. From the GIS literate to the general interest and curiosity of passers-by, a public

workstation indeed introduces a higher level of service obligation to our users. I agree with Deckelbaum⁵ that the provision of data is just not enough to service our users. If we are going to provide these resources on our workstations, we had better be prepared to support them. Subsequently, this requires a higher level of staff expertise. Although we do not offer extensive GIS instruction, navigating through e-atlases or addressing queries on software functionality is a service we do provide. But how much should we accommodate them? Also, the fact that the staff data workstation sits adjacent to the public workstations encourages interaction. We view this as part of our strategy to promote the use of these resources.

In doing so, interesting relations have emerged. One of the advantages of providing additional work space, especially for the GIS students, is that the learning outcome is reciprocal. The increase in reference activity by staff is compensated by students showing the staff a few GIS tricks of their own!

Level Three: Instruction/Teaching

This level involves many degrees of service from the "one-on-one" instruction activity to teaching in a classroom environment. It differs from the previous level since it requires a higher level of staff expertise. To commit fully depends on many factors, but most importantly it requires dedicated GIS staff, and not necessarily the professional staff. As Argentati claims "*Some academic libraries have recognized the need to dedicate full-time staff positions to GIS and spatial data service ...*"⁶. It could also be the trend that librarians who oversee GIS services are moving away from "hands-on" activity or had never been GIS experts in the first place.

Over the past few years, Brock has migrated in this direction and has recognized the need for a dedicated staff (a non-professional) to respond to technical questions regarding data format, data use, GIS functionality and to keep current with technical advances in the field. It is also realized that to have all staff function at the same expertise is not cost effective or possible. This would duplicate job activities and consume much staff time. However, to have only one dedicated staff does introduce reference service inconsistencies in their

absence. A good reason to establish a service policy!

One of the weaknesses at Brock is that it does not have a dedicated GIS lab advisor to assist students. This has had a direct impact on library staff. Students will seek out technical assistance from library staff in the absence of instructors or TAs. This has become a reliable and unlimited source of support for GIS students. Providing this level of service gives a student a sense of being "connected" to the library. We have found this to be the case on several occasions where students have developed a "comfort zone" in the Map Library in what could be an otherwise intimidating environment.

Most assistance has been provided to non-GIS users and "potential" GIS users. In fact, the need for instruction becomes more critical for the non-GIS users and new learners of GIS. However, many times access to digital data has nothing to do with the user's knowledge level. For example, everyone requires assistance to access orthophotos using a viewing software regardless of their GIS knowledge. Again, how much assistance do we provide? Do we provide already prepared instructions for self-access; do we generate a custom view for them; do we teach the user to a point where they are self sufficient to do it on their own next time around? This requires proper and delicate management of services where both staff and users are aware of expectations. We engage in all these activities depending on the nature of the request. For a one time user, our time spent on instruction is minimal. Staff will end up generating a by-product for the user since it is much faster to do so.

A recent development at Brock is the interest in GIS from the Faculty of Education students. Map Library staff have become involved in introducing GIS to the "teachers in training" - future elementary and high school geography teachers - through orientation and demonstration sessions. Due to the relatively new education curriculum imposed by the Ontario Government, GIS education is strongly encouraged in schools. Therefore, the "potential" teachers must learn it to teach it! Although there is an opportunity for the library staff to become more involved in classroom teaching, we have not yet developed our services to this level.

It is important to note that staff training at Brock in data use and GIS has been "on the job" and primarily self taught. Perhaps this has been the case

in many institutions where libraries are unable to hire GIS graduates and must utilize existing staff to do the job. This can work very well provided that positive compensations can be made to recognize the technical expertise required.

Level Four: Custom GIS Services

Custom services include the activities of library staff to generate products from an existing dataset to fulfill everyday reference requests. This could involve generating a view using a combination of datasets or customized mapping on demand or geocoding. The most frequent activity at Brock is using the datasets to answer reference questions, when the information cannot be found in paper, or if it produces a better output. The majority of requests we receive are from users who are not concerned with the format, but rather just need the information. Unbeknownst to them, a digital product may be the better resource.

Perhaps this is better defined using a scenario. A request for the location of fire halls in the local area was quickly attended to by generating a view using GIS, a street file, and the emergency facilities data file from another dataset. The alternative would be for the user to either scour a paper map for symbols or use a directory listing of addresses.

Generating customized maps on demand is a service Brock provides only for internal requests. For example, a second year student studying day care facilities requires a census map showing the single parent female population in St. Catharines. Aware that a paper product does not exist, and the user does not know GIS nor have the desire to learn it, a map was produced by library staff for a small printing fee. Although some may argue that providing service to this extent is beyond the expectations of a library, we feel it would be a disservice to refuse, considering the map can be generated with little effort.

A request from the University Administration involved generating a map of where students live in St. Catharines while attending Brock, for the purpose of an off-campus housing assessment. This involved using a street file to geocode student addresses and to prepare a final map product. Many times we have provided assistance to geocode data or to pinpoint the location of data collection sites using GIS functionality.

Customized services clearly accommodate the non-GIS user – Brock's largest user group. As well, it does raise the profile of the library, especially when custom maps reach the higher administrative offices.

At least, in the words of Obermeyer and Shuler ⁷ where they anticipate that "the future of map librarians will be to assist researchers to create the information by-products of larger databases...", perhaps we are on the right track! Buttenfield ⁸ also suggests that in future, paper maps will only be produced on demand, and that disposable maps generated electronically "will prevail".

Level Five: Web-Based Services

This level of service introduces the "virtual" Map Library. It could include off-site access to datasets that reside on a server with password security; a web mapping interface for creating census maps or customized views; a metadata catalogue; an online licensing mechanism, etc. In other words, it provides a number of services discussed previously but through web access. External access to information is the way many students would like to be served, perhaps the GIS literate especially. However, this requires a very high level of staff expertise. Preparing data sets, organizing data, web expertise, and a good knowledge of systems is essential.

We have not achieved this level of service to any high degree, due to the lack of knowledge and the time required to achieve this knowledge level. Web access to our "static" census and outline maps (.pdf files) is perhaps the extent of our service. Web delivery of electronic files is done only when licensing and time permits, and is not yet driven by a policy.

There is no doubt web services relieve library staff of the one-on-one mediation that can be time consuming. It also addresses some service inconsistencies by providing data resources during map library closing hours or when the staff on duty is not trained to deliver data. However, serious issues can arise from web-based services. External data access can nicely accommodate the GIS literate users who know what they want. However, the lack of face-to-face interaction between staff and user threatens traditional library reference which is critical to most users. Considering that our largest

user group is non-GIS literate, it is questionable whether investing time to develop such high-end service is cost effective or necessary.

One other concern with web-based services is preserving the cartographic integrity of map creation, such as with census mapping. The interpretation of statistics, creating classification intervals, and the use of colour are all design elements that affect the outcome of a map. Lack of this knowledge could produce a very inaccurate map and lead to misinterpretation. Is it our role to protect cartographic integrity? And how is this done through web services?

Profile of Service Levels

It is essential to view each of these five service levels as having several degrees of activity. Below, Figure 1 demonstrates the degree of service that Brock provides for each level on a very casual scale of 1 to 10. The profile is a reflection of the activity that we provide and is driven by the requests of our users. For example, although we have the staff expertise to provide a high level of service at the data access level, the activity is limited due to internal infrastructure, limited staff resources to acquire data, and simply the fact that there is not a big demand.

Figure 1: Service profile at Brock



It is obvious from our profile that we utilize data and GIS for customized service, mainly driven by non-GIS users, whereas a profile from another institution will look quite different if they concentrate on high end web-based or data acquisition services. One must keep in mind that the technical expertise that is required to provide service at each level increases, as well as within each level.

Conclusion

Regardless of the service level activity, the library must develop its role as the centre for delivery and use of spatial data to the public. The question is, at what level? Service levels depend on user needs that require constant assessment and communication with faculty and students. Over time, and through much interaction with our users, we have established that the levels of service provided at Brock accommodate mainly the non-GIS user group. However, this could change. A service profile can differ quite substantially from a university where activity accommodates different users, such as graduate students.

Once service levels are established, they must be well managed or else activity can become overpowering and even cost ineffective. For example, to what extent do we provide mapping on demand versus instructing the student to generate a map themselves? Is it effective to have all staff perform all services at the same level to ensure service consistencies? And is this possible? Does one offer instruction at the ArcInfo level or leave this to the computer labs?

To establish these limits, a service policy is essential to address the expectations of staff and our clients. Five levels of service have been identified which Brock engages in to some degree. The next step is to use this framework to build a service policy!

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REFERENCE SERVICE LEVELS FOR SPATIAL DATA DELIVERY AND GIS ACTIVITY IN LIBRARIES: TRENT UNIVERSITY - A CASE STUDY OF A SMALL ACADEMIC LIBRARY

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*This paper has been revised from a presentation given as part of the panel session
"Reference Service Levels for Data Delivery and GIS Activity in Libraries",
at the "On the Edge 2003" conference at the University of Victoria, May 2003.*

Abstract

In 1995, the Canadian phase of the Association of Research Libraries / Canadian Association of Research Libraries (ARL/CARL) GIS Literacy Initiative was being implemented. This was soon followed by the 1996 introduction of the Data Liberation Initiative (DLI). In that same year, the *Journal of Academic Librarianship* published a Special Issue on "Geographic Information Systems (GIS) and Academic Libraries" ¹. These events prompted the introduction of new service frameworks, and started a period of unprecedented growth for Canadian data libraries.

Almost a decade later, many of us within the academic sector find ourselves re-evaluating our service strategies. Federal policy decisions establishing geospatial depositories, the release of significant volumes of provincial data sets, and corporate response to requests for digital consortia agreements have resulted in the unprecedented building of geospatial libraries, moving us forward into a new stage of information delivery.

This paper discusses service levels for spatial data delivery and GIS activity as they exist in a small academic library. Key factors considered are: academic profile; library organization; staff support; reference delivery; and computing and network infrastructures. The paper will conclude by reviewing future directions and potential areas for collaboration.

Academic Profile

Trent University is located in Peterborough, Ontario, an hour and a half northeast of Toronto and about

three hours from Ottawa. The main campus sits on a 580-hectare property, much of it preserved as nature area, along both banks of the Otonabee River at the northern edge of the city. The University also has a campus in downtown Peterborough, and one in Oshawa in partnership with the University of Ontario Institute of Technology and Durham College ². In addition to general arts and science undergraduate programs, the University supports select interdisciplinary programs and professional schools, as well as a small number of specialized graduate programs. Joint programs are offered with Sir Sandford Fleming College including one in Geographical Information Systems. Research partnerships also exist with external organizations, such as with the Ontario Ministry of Natural Resources.

Clients using data services are increasing steadily and range from university administration and planners to faculty, staff and students from varied academic disciplines as well as the public (as licenses permit).

Library Organization

The University has one main library, located at the centre of campus and noted for its award winning architectural design (Ron Thom). Building facilities are shared with the Computing Centre and Audio Visual Services, who have also had administrative links with the library under various organization models during the past decade. The grouping of these services has presented advantages for the development of diverse technologies, including those of data services. At different times we have

collaborated on projects and training, as well as shared personnel, hardware and lab space. For example, the Computing Centre and Library (MaDGIC) are currently jointly working on implementation of a campus-wide site license for ESRI software products.

Library Organization Chart

The Library has a relatively flat organization structure. There are six main departments. Library Department Heads report directly to the University Librarian.

MaDGIC



The Maps, Data and Government Information Centre (MaDGIC) is responsible for all technical service and public service functions associated with maps, data and government publications collections. The integration of these three related collections has worked well, presenting distinct advantages for offering comprehensive reference services and enlarging possibilities of making use of three collections.

Data Services - Mandate

- To serve as the Campus Centre for numeric and geospatial information
- To provide reference service to the Trent community, meeting and anticipating its needs for data resources
- To introduce and participate in data literacy initiatives on campus
- To build introductory web pages, search engines, and catalogues to data resources
- To foster relations with numeric and geospatial data producers, acquiring new data and supporting data partnerships
- To oversee and administer the Library's data license agreements
- To clarify the Library's responsibilities for integrating commercial, Internet and lab-owned

data in the collection

- To initiate formal collaboration of data/image campus-wide activity
- To recommend appropriate service, support and equipment for data/image applications in the library to the University Librarian.

Staff Support

The MaDGIC Unit has a total librarian/staff complement of 3.0 Full-Time Equivalent (FTE) permanent staff. Presently the Unit Head also serves as the Data Specialist. Student assistants are hired to assist with data entry, file processing and database creation. In addition to this, we rely on short-term staff for special projects. For example, clipping of data sets and the subsequent building of a database of regional project files was largely completed by a contract staff position.

Reference Delivery

The Unit maintains its own service point. All MaDGIC staff assume public service roles and answer preliminary inquiries regarding geospatial data. This typically includes assisting patrons with location of geographic boundaries or index sheet numbers, introduction to types of maps and corresponding data sets, and identifying data sets for attribute tables.

Geospatial data support is increasingly being handled electronically. We are attempting to expand and improve on this service through building on existing computing and network infrastructures (discussed below). The Unit reserves a unique e-mail address for data questions, which is monitored by a lead and back-up staff person. Associated files are organized and maintained to provide a comprehensive record, which expedites ongoing retrieval of information and identifies patterns of questions. We attempt to complement data services with classroom instruction. This initiative has been well received and identified as an area for future expansion.

Computing and Network Infrastructure

Development of computing and network infrastructures to support data services has proved one of the most challenging, but also, very rewarding areas of effort with respect to effect on services.



Thomas J. Bata Library, Trent University.

Data is primarily distributed through a Novell FTP server. The Unit prepares and loads data, ensuring logical directory and file structures. Users are issued Novell trustee privileges to particular files and folders. Downloading of files is reasonably transparent whether done on site or remotely. As with other restricted databases, security is maintained through Novell authentication (userid and password).

Data Processing

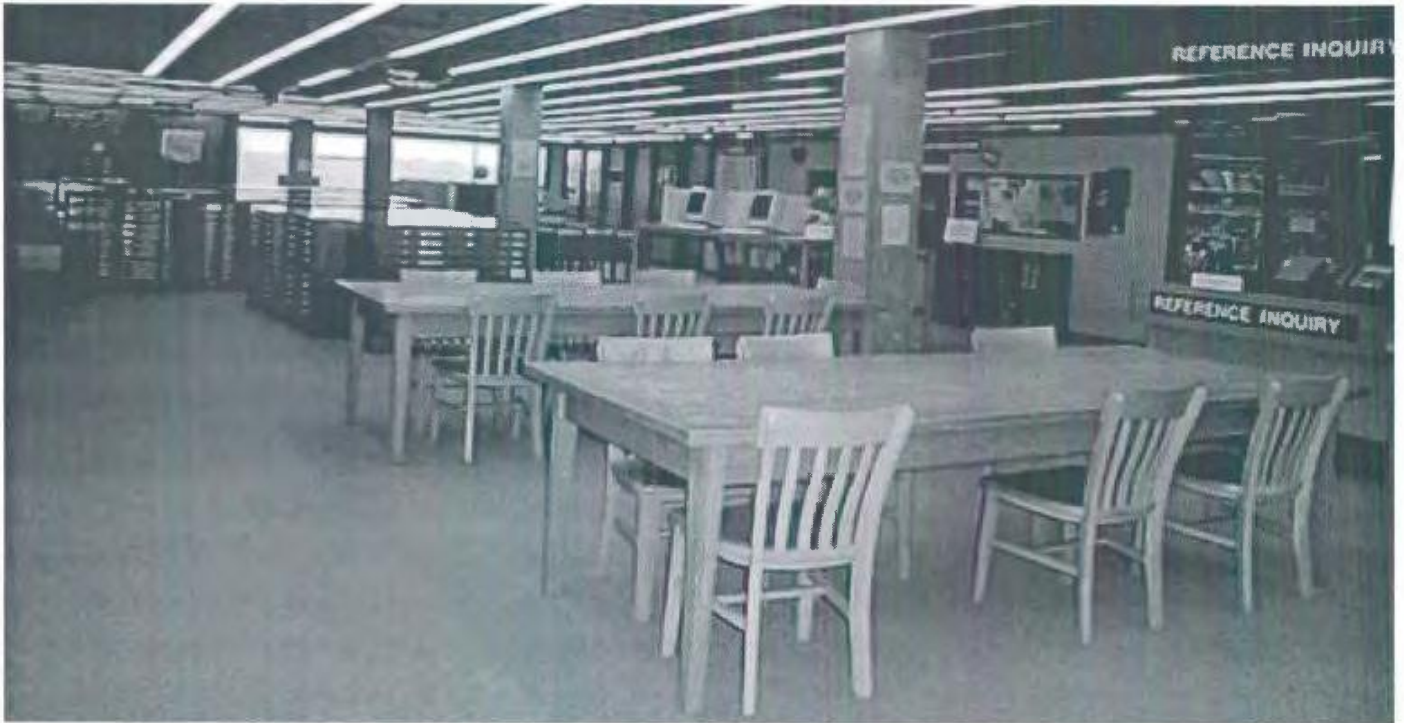
The Unit spends considerable time processing data for clients to ensure that files are packaged in a manner which clients can readily use. This has been a particularly challenging area for us given our small staff complement and the time involved. Where possible, we are employing contract staff and student assistants to support this service. File processing includes such activities as "cookie-cutting" or clipping files; isolating and importing layers into project files; editing code to eliminate directory dependency; expanding legends; importing and joining tables; and flipping files to support multiple platforms. This type of processing work is most needed for large file sets such as files recently introduced by the Ontario provincial government and files related to urban plans and

road networks. In-house ReadMe files are created for all project files and have proved invaluable as an ongoing record of activities.

It would be interesting to learn to what extent other libraries are engaging in similar data processing activities, with a view of determining potential areas for cooperation and sharing of file sets.

Next Steps

The MaDGIC Unit has received an Academic Innovation Grant from the University to cover the cost of purchasing and implementing a data web server. We are currently working toward integration of web services with FTP services. The recent signature of a campus-wide site license for ESRI software products presents new opportunities for data distribution. We are hoping to use ArcIMS to complement our data web server activities. We would also be very interested to learn what other institutions are doing in this regard, and how geospatial retrieval systems might complement systems originally built for statistical processing and numeric retrieval. Examples include those built by Quebec Universities (SHERLOCK); Queen's University; the University of Guelph, the University of Waterloo and Wilfrid Laurier University (Tri-



Maps Collection - Public Area and Reference Offices.

University Data Resources system) and the University of Western Ontario (Internet Data Library System IDLS).

Although, the Unit does not normally support custom map making or “on demand” services for finished map products, we do create sample maps for demonstration purposes. As we develop a local holdings database of maps, clients will be able to download products designed by the Unit. We are currently exploring whether teaching initiatives could complement our activities. As part of a data literacy initiative, we would like to encourage students to work with us, exploring new data sets and building a database for ArcIMS.

Conclusion

“When all is said and done, however.. the role of the library is to provide the information which patrons need to do their work”³

Working in a small academic library, I am inspired and challenged by a dynamic environment which is driven by the needs of an involved user community and supported by a dedicated staff. My introduction to the specialized field of data has been enriched and inspired by colleagues from other universities. Professionally, we are brought together

by activities such as consortia purchases and training initiatives. More importantly, these relationships exist because of our commitment to clients, common goals and enthusiasm for what we do. I look forward to working with such groups as the Association of Canadian Map Libraries and Archives (ACMLA), the Canadian Cartographic Association (CCA) and the Canadian Association of Public Data Users (CAPDU) as we work toward maintaining a high level of service while adapting our mandate to a growing data resource base.

References

1. *Journal of Academic Librarianship* 21 #4, July 1995.
2. Trent University Academic Calendar 2003-2004.
3. Boissé, Joseph A. and Mary Larsgaard, “GIS in Academic Libraries: A Managerial Perspective”, *Journal of Academic Librarianship* 21 # 4, July 1995. p.288.



The author gratefully acknowledges the invaluable contributions of her staff Thelma Paul-Hill, Shirley Yankovich and Mark Waenink, who offer continued insights and contributions to the smooth running and future development of MaDGIC services.

ACMLA HONOURS AWARD

The Awards Committee invites nominations for the ACMLA Honours Award. According to the guidelines for the award, the nominee should be a person who has made an outstanding contribution in the field of map librarianship. The contribution may either be for a specific activity or for general services and contributions such as continued membership in the Association with active participation either as an executive officer, committee chairperson, or committee member. Normally, membership in ACMLA is a prerequisite, however, that does not preclude considering outstanding non-members.

Nominations close on March 31, 2004.

Please send your nominations to:

**Lori Sugden, Chairperson, Awards Committee
University of Victoria Library
McPherson Library - Map Library
P.O. Box 1800
Victoria, British Columbia V8W 3H5
or via email at:
lsugden@uvic.ca**

COMITÉ DES PRIX ET MÉRITES

Le comité des prix et mérites invite les membres de l'ACACC à soumettre la candidature du membre qui, à leur avis, est admissible au Prix d'excellence. Selon les règles du concours, l'heureux(se) élu(e) sera toute personne dont le nom a été retenue en vertu de sa participation considérable au développement de la profession de carto-thécaire. Sa contribution peut se quantifier de différentes façons: activités particulières ou générales, participation soutenue au sein de l'Association en tant que membre d'autres comités. Bien que ce concours s'adresse surtout et avant tout aux adhérents de l'Association, les non-membres dont le dossier s'apparente à celui des membres réguliers de l'ACACC auront droit à une nomination analogue.

Date d'échéance du concours: 31 mars 2004.

Veillez faire parvenir vos suggestions de candidats à:

**Lori Sugden, Présidente, Comité des prix et mérites
University of Victoria Libraries,
McPherson Library - Map Library,
P.O. Box 1800
Victoria, British Columbia V8W 3H5
ou via le courrier électronique à :
lsugden@uvic.ca**

ACMLA PAPER AWARD

The Awards Committee invites nominations for the ACMLA Paper Award. To be nominated for the Paper Award, which carries a \$200.00 monetary prize, a feature article by one or more authors consisting of at least three pages in length, must have appeared in issues 116-118 of the ACMLA Bulletin. We are looking for articles that make a solid contribution to map librarianship, including cartobibliographies. Originality, uniqueness of subject matter and depth of research will be taken into consideration.

Nominations close on March 31, 2004.

Please send your nominations to:

**Lori Sugden, Chairperson, Awards Committee
University of Victoria Library
McPherson Library - Map Library
P.O. Box 1800
Victoria, British Columbia V8W 3H5
or via email at:
lsugden@uvic.ca**

PRIX DU MEILLEUR ESSAI

Le comité des prix et mérites invite également les membres de l'ACACC à soumettre la candidature du membre qui, à leur avis, est admissible au Prix du meilleur essai. Selon les règles du concours, l'heureux(se) élu(e), qui recevra une bourse de 200 \$, devra avoir publié un article d'au moins trois pages au sein d'une édition du Bulletin de l'ACACC (no. 116 à 118). Le comité recherche principalement les articles ou les carto-bibliographies, qui alimentent et soutiennent le développement de la discipline. Les articles seront jugés selon les critères d'originalité du thème choisi et du niveau de recherche.

Date d'échéance du concours: 31 mars 2004.

Veillez faire parvenir vos suggestions de candidats à:

**Lori Sugden, Présidente, Comité des prix et mérites
University of Victoria Libraries,
McPherson Library - Map Library,
P.O. Box 1800
Victoria, British Columbia V8W 3H5
ou via le courrier électronique à :
lsugden@uvic.ca**

RONALD WHISTANCE-SMITH, 1935-2003

**In Celebration of the Life of Ronald Whistance-Smith, December 4, 1935 to September 25, 2003
(As Printed in the Program for the Service, St. Timothy's Anglican Church, Edmonton)**

Ron was the eldest child of Grace and Harry Smith, born on December 4, 1935. Theirs was a loving, supportive family consisting of Ron, his brother Errol, his sisters Lynda and Joan. Weekly visits and shared holidays with grandparents and extended family knit the Smiths and Kelletts with strong bonds that, over the years, have included spouses and new generations. As well as family, Ron grew up in a lively neighbourhood of young families coping with depression and pre-WWII industrialization. A key provider of structure and social activities was the Anglican Church of the Good Shepard that shaped Ron's faith, sense of trust, honesty, and the importance of caring for one another through life's journey.

Ron met Rena Glover through the high school choir and in June 1959, they were married. They established a loving home in which to raise their family of four children: Stephen, Andrew, Lois and Douglas within the larger family circle. After moving to Edmonton in 1970, distance was an isolating factor from the extended family but underlined the importance of family ties. Ron and Rena have been blessed to be part of the grandchildren's early years and to share in their development.

Ron has always claimed that he

had careers that he loved. After leaving the RCAF, Ron continued his love and proximity to airplanes by working at the Toronto/Malton airport with the Canadian Meteorological Service, plotting weather maps then briefing pilots on weather conditions. Shift work juggled with family responsibilities, university courses, church involvement, and leadership with a Militia Artillery Survey unit took its toll and Ron had to consider an change of work for health reasons. He was hired by the University of Waterloo to set up a new map library so the family moved from Weston (Greater Toronto) to Waterloo. When a degree was required for this position, Ron and Rena, with much prayer and trust, decided it was



Ron Whistance-Smith.

time to get the 'piece of paper' so Ron completed an Honours Geography BA degree at Wilfrid Laurier University. The opportunity to do M.Sc. studies in climatology at the University of Alberta brought the family to Edmonton in 1970.

After a year, Ron began his association with the map collection, at that time part of the Geography Department, as an interim curator. He was hired as the curator of the map collection in 1973. Ron became a cartophile, passionate about the information one could find on maps and he shared that enthusiasm with others. In his time as curator Ron added thousands of maps (bought, traded or gifted) to the collection so that the University of Alberta William C. Wonders Map Library is one of the largest university collections in North America and second only to the National Archives Map Collection in Canada. Numerous articles have been written in the press about Ron and the collection, and he has gained the respect and praise of his colleagues in Canada, U.S.A. and internationally. He has often been referred to as the 'guru' of maps (a label he was rather embarrassed by) because of his knowledge. After his retirement in 1994, Ron continued his association with the Map Library as a volunteer, mentoring, solving challenging questions, and he continued to hunt down maps to enrich the collection's resources.

Ron has been a 'people person' all his life and in all walks of his journey, reaching out as a parent, friend and mentor. His strong faith in a loving inclusive God has bridged cultural and theological differences. He lived his faith and trust in God, in the inherent goodness of his fellow travellers, touching at a deep level those who he met on his journey. When deafness threatened to isolate him from others, he experienced two miracles of modern science - a CPAP machine for sleep apnea that allowed his heart to heal enough for a cochlear implant that restored communication and quality of life. All of us are better people for having known Ron and we mourn his passing. He would want us to continue living in community, guided by love, hope, faith and humour.



**ACMLA Honours Award 2000 - Ron Whistance Smith
(As Presented by Lori Sugden at the Joint ACMLA/CCA/WAML Conference, Edmonton, Alberta, June 2, 2000)**

The Awards Committee is very happy to recognize the contribution of Ron Whistance-Smith to Canadian map librarianship and, in particular, his work in creating the largest academic map collection in Canada, the University of Alberta's William C. Wonders Map Collection.

Ron was appointed Interim Map Curator at the U. of A. map collection in 1971. In 1973 he graduated with a M.Sc. in Geography and was appointed University Map Library Curator. Ron worked to build the collection to meet the needs of Faculty and students through purchase, exchange and donations of maps and air photos. Ron's attendance at conferences and his provision of surplus maps for exchange, along with his capacity to acquire/accept surplus items from other institutions is legendary. He has spent hours searching through catalogues and visiting foreign collections, and clocked thousands of miles investigating auctions and sales all over the world, at a time when the University had a generous budget to support these purchases. He has always been a good source on where to find particular maps.

Ron began on the 3rd floor of the Tory Building. However, as the collection expanded, he and the maps were forced to descend to the basement. Ron converted this windowless space into a map-lover's paradise. His collection continued to grow, and students from Geography and all over the campus visited his special sanctuary. His ability to make everyone who entered the map library welcome was beyond limits. He was always ready to help in the search, and share the joy of finding the precise bit of information required by the researcher. He encouraged everyone to look, to study, and even to feel the maps in the collection.

On request of the lecturer for the new course in the History of Cartography, Ron cleared out a back storage room, and made it the official History of Cartography Room. There, amongst the piles of uncatalogued maps, topographical sheets,

ACMLA Bulletin Number 118

aerial photos, world and regional atlases, rare atlases, facsimile atlases, and assorted tomes, the students steeped in the atmosphere of maps, and tangible cartographic history.

Ron has always been a 'people person' preferring to work visibly with the patrons in the map collection during public hours and relegating administrative duties to 'after-hours' - particularly his Saturdays. In the midst of the Edmonton winter with temperatures around 20 below, Ron could be found all day on Saturday in a pair of shorts sorting through piles of maps and entering them into the catalogue to the sounds of symphonic music.

He has been an active member of ACMLA and WAML since the seventies. In 1984-85 he served as President of WAML and was on the ACMLA Executive for one year and Publications Editor for a number of years. In 1995 he was awarded a life membership in WAML. Ron has regularly attended ACMLA and WAML meetings, and

hosted the 1981 fall Conference. Ron, and Rena when she was able to accompany him, have always been great company at conferences. Ron was an active participant in both the formal and social parts of the conference.

Ron retired from his position in 1996, but continues to work with the collection on a volunteer basis. His love of the field is contagious, and people who have been helped by Ron walk away with more cartographic knowledge or the desire to obtain more. However, with all of his knowledge, Ron is still a student at heart, always wanting to learn more, in both cartographic and non-cartographic fields. The advent of e-mail now allows Ron to participate in world-wide carto-debate and the assistance of map users beyond the U. of A. map collection. Even after retirement, he is still very active on the Internet, and monitors CARTA, MAPS-L, and MapHist.

(Reprinted from ACMLA *Bulletin* 108, Spring/Summer 2000, pp.42-43.)



Ron and Rena Whistance-Smith at the ACMLA Conference in Edmonton, June 2000.

"A conference without Ron is like a dish without that special ingredient." (Frances Woodward)

REGIONAL NEWS

Pierre Roy

Alberta

University of Alberta
David L. Jones
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The past season has brought both a great loss and also a number of significant achievements.

Ron Whistance-Smith, the builder of the William C. Wonders Map Collection, died on September 25th, 2003, after a battle with cancer. Ron was a dear colleague, a great teacher and mentor for many of us. He maintained his passion for maps and the map community until the very end. The loss of his knowledge and spirit will be felt deeply by all of us who knew him and benefited from his wisdom and companionship.

http://www.ualberta.ca/~djones/Ronald_Whistance-Smith.html

The bulk of Ron's massive personal collection of cartographic materials has been donated to the William C. Wonders Map Collection. With the assistance of Ron's wife, Rena, we have begun the task of evaluating and packing the collection. Processing this treasure will be a major and long-term project.

The William C. Wonders Map Collection Database is the electronic database that was developed to provide access to the bulk of the maps in the collection. Developed to replace the binders of handwritten records that came with the map collection when it was passed from the Geography Department to the Library, this database continues to be augmented with records for newly acquired pre-1995 materials. Monographic maps published after 1994 received full LC cataloguing and are included in the NEOS Libraries Catalogue, the U of A Libraries' main catalogue.

Last year we began a project to migrate the Database from its TELNET platform to a web-based platform.

The TELNET file was closed this spring. The Database, including items added since the spring, is now available on its new, improved platform.

William C. Wonders Map Collection Database [Pre 1995 monographic maps and map series] <http://maps.library.ualberta.ca/>

NEOS Libraries Catalogue [Post 1994 monographic maps and new map series] <http://www.library.ualberta.ca/catalogue/> [note: the 'other search options' allows the search to be limited by format e.g. 'maps']

Map Collection in the News

We were honoured to be featured in the September 2003 issue of *New Trail*, the University of Alberta's alumni magazine. The article is now available online at:

<http://www.ualberta.ca/ALUMNI/newtrail/03-3/maps.html>

GIS Day

This year U of A will join the celebration of International GIS Day on November 19, 2003. Working with GIS staff from a number of teaching departments, we have developed a half day seminar format program of presentations of various GIS-based research projects. The Library will be describing the licensed spatial data resources available through the Data Library and the Map Collection.

The program will be introduced by the University's new Provost/Vice-President (Academic), Dr. Carl Amrhein, who will also participate in a discussion on the future direction of GIS/Spatial Data on campus.

<http://www.ualberta.ca/~gis/>

Ontario

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McMaster University Library hosted a special workshop on June 12th and 13th for library assistants in the map collections of the Map Group members of the Ontario Council of University Libraries (OCUL). Twenty-six library assistants from 12 different Ontario universities attended. The event was organized by Cathy Moulder and Gord Beck (McMaster University) and Cheryl Woods (University of Western Ontario), with one session moderated by Colleen Beard (Brock University). The event was generously sponsored by the ACMLA, which permitted a very reasonable registration fee, so that the major costs for each OCUL institution were for travel and accommodation. For many of Ontario's map library assistants, this was the first opportunity to meet their counterparts and to see another university's map collection.

The program consisted of two full days of sessions, including three speakers on various topics relating to air photos and digital orthophotos, four speakers describing Web-based Access Projects in their libraries, a open forum discussion on Service Levels for Geospatial Data Delivery moderated by Colleen, a tour of McMaster Library's Preservation Lab, and a demonstration by one of McMaster's Preservation specialists on how to salvage wet materials. The workshop offered many of the library assistants a first venue to present to a group on a library project (four of the workshop presentations were published in *ACMLA Bulletin* 117, Spring/Summer 2003). Social events included dinner at the University Club and an open house get-together in the Lloyd Reeds Map Collection, but rumour has it that much of the best networking and camaraderie took place in the student residence.

The workshop participants reported themselves very satisfied with the experience. Evaluations submitted indicated that Colleen's session on Service Levels for Geospatial Data Delivery was the most highly valued, followed by the opportunity to tour the Preservation Lab. The Library's facilities received the lowest ratings on the evaluations (a Training Room somewhat too small for the number of participants and some very unpleasant plastic chairs).

McMaster's Map Library Assistant, Gord Beck, completed his web-based finding aid to our collection of World War I military maps in June (in time to give a presentation on the project at the Library Assistants Workshop). McMaster owns about 400 WWI maps, including many trench maps of areas of Canadian engagement. Gord has put much extra effort into making this finding aid useful for researchers, including a legend of map symbols and a chronology of the military map making process. The URL for the project is <http://library.mcmaster.ca/maps/ww1/home.htm>.

As online instruction is of increasing interest, and enrollment numbers in Geography and Environmental Sciences courses are up significantly, we have been experimenting with the use of web-based instruction for basic skills that have previously been delivered (repeatedly) by a librarian to small groups. Last summer, we created "slide shows" for self-help guidance through McMaster's online catalogue and through the process of finding a journal article in the WebSPIRS family of databases. This summer, we created "slide shows" for basic instruction in the map referencing systems Latitude/Longitude (<http://library.mcmaster.ca/maps/instruction/latlong.pdf>) and Universal Transverse Mercator (<http://library.mcmaster.ca/maps/instruction/utm.pdf>). The second section of each "slide show" was also used as a handout for the tutorial sessions. The net result was a significant reduction in the number of repeated explanations of the same material.

McMaster Library has also initiated an "electronic classroom" this year for hands-on instruction. The Map Collection has used it for a second year mapping assignment, and the students were guided through the process of obtaining census data from E-Stat, mapping it in ArcView and printing the results for analysis, all within a single lab session. The use of the e-classroom was a huge help in reducing the amount of one-on-one instruction needed for this particular assignment.

A large amount of geospatial data has been received and added to our web-based selection tool this year, including digital orthophotos from four municipalities; datasets from the City of Hamilton and the Grand River Conservation Authority; the USGS Global GIS series; several FAO datasets on world soils; and of course the fundamental datasets

received as part of the recent Ontario Geographic Data Exchange agreement. To balance this flood of digital data, we have also received a large donation of modern atlases and a small trickle of rare maps.

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This fall, the Library Network approved the merger of the Map Library and Data Services in order to strengthen and further develop services related to statistical and geospatial data. Data Services has been physically located in the Map Library for the past three years and most recently the Head of Data Services, Susan Mowers, acted for the Map Librarian for a year. Staffing for the newly created Head, Map and Data Centre, has been delayed until approval by the University senior administration of this proposed change as well as several other restructuring proposals related to the Network. It is expected that the approval will take place early in the new year. In the interim, the Map Library continues to report to Grace Welch, and Susan Mowers and Frank Williams have agreed to share some of the Map Librarian duties, each working 2.5 days per week in the Map Library.

Demand for GIS services continues to grow, almost beyond the means of the staff to provide service. The NTDB data is proving to be very popular with students and we are regularly downloading datasets. The Geography Department recently announced a new concentration in Geomatics and Spatial Analysis. All public equipment for GIS and data services has been upgraded this fall: 3 new workstations, new scanner and colour printer as well as a fourth PC acting as a data server.

With the Geography Department we hosted a very successful GIS Day on November 19. This is the first year we have moved the event from the Map Library to the University Centre to raise the awareness of GIS on campus. The highlight of the day was the launch of the GeoBase Portal by Natural Resources Canada which was attended by senior officials from NRCan, the presidents of PCI, ESRI Canada, GIAC and several other representatives of the GIS industry. (<http://www.uottawa.ca/academic/arts/geography/new/gis.htm>).

Martine Rocheleau has taken a 16 month leave of

absence to take a position with the GeoConnections Program as a metadata analyst. It is a serious loss to the Map Library, but we wish her well.

Grace Welch spoke on geospatial metadata at the Canadian Geospatial Metadata Forum held at the National Library on September 19th and 20th. She was also very pleased to be asked to be a member of the review panel for the DMTI "Great Canadian Mapping Challenge Scholarship".

University of Toronto at Mississauga
Andrew Nicholson
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To better support GIS activities at the University of Toronto at Mississauga (UTM) campus, the UTM Library has hired a GIS/Data Librarian. Andrew Nicholson began work on November 3rd 2003. Andrew will be working closely with the University of Toronto Map Library staff, to provide data access and GIS assistance to faculty and students on the UTM campus.

The University of Toronto's Geography Department has an extensive array of GIS courses on the UTM campus. The UTM Library currently is a full depository for Federal Cartographic materials and recently added a GIS workstation with many of the core ESRI products installed, as well as MapInfo Professional. The UTM Library plans on expanding the GIS service over the next few years to better serve the geospatial research needs in both Geography and in programs such as Forensics and Biology.

University of Waterloo
Richard Pinnell
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The focus of the staff in the Map Library remains on geospatial data: acquiring new datasets as they are requested and/or become available, creating or updating MARC records for the TRELIS (online catalogue) database, and storing the datasets on our networked storage device (SNAP). In addition to the MARC cataloguing, we also continue to create a webpage for each dataset we acquire. All reference staff in the map library (3 librarians and two library assistants) have been kept very busy this term providing geospatial reference assistance which includes delivering datasets as they are

requested and providing post-delivery assistance with map production, geocoding (or otherwise joining coordinates to client data), and simple data analysis. New datasets recently acquired include: subway and bus routes for Toronto (Toronto Transit Commission), fundamental data layers for the City of Cambridge in DXF format, revised data layers for the City of Waterloo in shapefile format, and updated boundary files from Ontario Ministry of Municipal Affairs and Housing. The Ministry of Environment has agreed to provide us with well water data for the counties of Brant and Waterloo; there are more than 14,000 water records, in MS Access format. I am currently negotiating with the City of Guelph for access to orthoimagery, based on photography flown in 2000.

Work continues on the TriUniversities Data Resources' GIS metadata project: <http://www.fesspatial.uwaterloo.ca/library/>. Our contract employee, Chris Close, a graduate student in Geography, has continued working on this project during the fall term; we now have access to over 200 data layers including those that were provided by DMTI Spatial, Grand River Conservation Authority, Natural Resources Canada (NTDB data at two scales), and Ontario Ministry of Natural Resources (NRVIS/OGDE data). We are now working on version 7.2 datasets from DMTI Spatial.

Planning continues for the new Architecture Branch Library in Cambridge. The floor plans have now been finalized for this 13,000-square foot facility and the Memorandum of Understanding between the Library and the School of Architecture has been signed by both parties. During summer 2004, close to 10,000 books and serial volumes will be transferred from the University Map and Design Library to the new branch in Cambridge. This will free up a great deal of space in the Map Library's stacks area, thus enabling us to bring back many of our maps and air photos currently in offsite storage. Much of the "new" space may also be used to house new GIS workstations since the two workstations we currently have for student use are so heavily used.

New Brunswick

University of Moncton
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Stéfano Biondo joined the Library Champlain of Moncton University in August 2003. He will act as a reference librarian and will be in charge of developing the geospatial data service and reorganization of the map library. Stéfano is a graduate student of the Library School of the University of Montreal.

Nova Scotia

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The Map and Geospatial Information Collection (MAGIC) at Dalhousie University is growing - we now have two full time staff and three graduate students. We obtained a license for all geospatial data produced by Service Nova Scotia and Municipal Relations. This includes such items as 1:10,000 or larger topo, features and property data and DEMs at 1:10,000. The data has been provided, graciously, at no cost for research purposes. MAGIC has also developed an agreement with the Halifax Regional Municipality whereby data can be obtained at no charge on an "as needed" basis. This "understanding" will be extended shortly in order to be equal to the arrangement with the province. We now have, within the "Learning Commons" of the Killam Library, 146 workstations loaded with ArcMap. We also have 5 high-end stations with additional software such as PCI Geomatica, IDRISI and CARIS.

And finally, we have sadly had to bid farewell to Jennifer Smith who left MAGIC to take up a position with the World Wildlife Fund - their gain, our loss. However, it is my pleasure to announce that Julie Beaumont has joined the MAGIC team. Julie, who has literally back-packed around the globe, is a cartographer, GIS analyst, graphic artist and photographer. She has recently worked within government agencies in Nova Scotia and the Yukon. She has won awards from the ACSM for her work and has been featured in the ESRI Calendar. Her photography and graphic arts are something to behold! We in the MAGIC are pleased to welcome her to Dalhousie and to the map library community.

Newfoundland

Memorial University of Newfoundland
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The web pages for Memorial University Libraries have changed from <http://www.mun.ca/library/> to <http://www.library.mun.ca/>, with the Map Library specifically formerly being <http://www.mun.ca/library/maps/>, now being <http://www.library.mun.ca/qeii/maps/index.php>. With this change some new items have also been added, including images of early maps of Newfoundland and Labrador, our "Treasures" Project at <http://www.library.mun.ca/qeii/maps/treasures/>, and a listing of items in our library pertaining to the history of cartography <http://www.library.mun.ca/qeii/maps/map%20history%20resources.php> based upon listings in Tony Campbell's Map History/History of Cartography web site. The latter was prepared by Dan Duda. Let me know if you have any comments.

The Map Library at the Queen Elizabeth II Library had a display in the main lobby starting on November 16 to commemorate National Geography Week, November 16 to November 22, 2003. Prepared by Joanne Costello and Rose Marie Power, Map Library Reference and Cataloguing Associates, the display highlighted Geographic Information Systems, and the number of ways spatial data can be used to create a map. It included maps that students and faculty created, noting the layers used to "build" a map, and giving a visual demonstration of the amazing results of our 3D software! The endless possibilities were demonstrated with a small sample. The Map Library also had an open house for GIS Day on November 19, where the power of GIS was shown in real-time demonstrations! While attendance was not large, those who came found it of interest.

We have two MUCEP students this semester. One of them is Seth Loader who has a degree from Newton Rigg College of University of Central Lancashire in the UK and is studying in the diploma program in GI Sciences in the Geography Department. He is preparing procedures for creating DEMs from the files available from DMTI and NRCAN, as well as assisting patrons with map creation. The other is Rick Bastow who is working on a Bachelor of Commerce in Marketing and a Bachelor of Arts in History and who is entering editorial emendations,

as well as new records based on notes and photos, into the Newfoundland and Labrador Map Bibliography. This online bibliography has just been moved to a separate version of the catalogue. Now using the Sirsi ILINK interface, it is possible for several of us to edit it online and in real time. It is hoped that additional records will soon be added from visits to other libraries and archives earlier this year. The new direct address for the bibliography is <http://info.library.mun.ca:81/index3.html>, and it is accessible from the Map Library web pages. Please note the changes above.

Dan Duda has spent the Fall Semester working in Information Services on the Information Desk and doing library instruction classes, as well as on a couple of special projects, including promoting the library on campus where he chaired the committee. However, he will be moving to the Collections Division again in January. He will serve as sabbatical replacement for another time, with responsibility for library acquisitions in Religious Studies, Classics, General Humanities, Geography, Social Work, the social side of Psychology, Mathematics, and Library Science.

Our TINFO or Tiny Information Commons (two computers with Internet access and Microsoft Office software packages) has received considerable use this semester. Both computers are occupied much of the day with spill-over using our mapping software computers upon occasion.

Alberta completed her four year term of office as an International Cartographic Association Vice President by attending the conference in Durban, South Africa, in August. A separate report has been prepared on this (p.53). The support of ACMLA in this endeavour has been much appreciated, even though it has not been necessary to call upon it for financial assistance to any great extent.

Usage has been considerably higher this fall than in some past years, and it is not just due to having the general purpose computers with us. We have experienced an increase by geography classes and other students needing maps. It is demonstrated by patron and question statistics for the past two months.

Type of Question	2003		2002	
	Sept	Oct	Sept	Oct
Patrons	337	531	189	255
Reference	241	306	151	176
Directional	106	207	65	108

Communiqués from Library and Archives Canada

Louis Cardinal
Sound and Visual Archives Division
Library and Archives Canada

Canadian Heritage Launches Web Version of Canadian Biographies

Halifax, October 24, 2003 — The Web version of the ***Dictionary of Canadian Biography/Dictionnaire biographique du Canada*** (DCB/DBC) will be launched on October 24, 2003, in Halifax, Nova Scotia, at the conference of the Association for Canadian Studies, *Presence of the Past*.

This Web-based project is a shared collaboration between the University of Toronto, Université Laval, the Department of Canadian Heritage and Library and Archives Canada. It was made possible through the Canadian Culture Online Program of Canadian Heritage, which supports quality initiatives that promote Canadian culture online in both official languages.

Library and Archives Canada created the online version of DCB/DBC, which is found at www.biographi.ca.

“This new Web site will give all Canadians access to stories about the fascinating people who have contributed to the development of our country. By providing online access to the biographies of these individuals, we are ensuring that we all have a better understanding of our country’s culture and history,” said the Honourable Sheila Copps, Minister of Canadian Heritage. The online DCB/DBC presents biographies of significant figures in Canadian history written by leading authorities. It spans the years from 1000 to 1920 in 14 volumes. Biographies selected from a 15th volume for the period 1921 to 1930 will go online in 2005.

The launch will take place at Pier 21, a National Historic Site in Halifax. Among the invited guests are Nova Scotia Minister of Education Mr. Jamie Muir, professors Réal Bélanger of Université Laval and Ramsay Cook of the University of Toronto, and National Librarian Roch Carrier. Conference delegates, which include leading academics, researchers and teachers, and representatives from historical associations, are also invited.

France and Canada Launch Impressive Research Tool on the History of the French Presence in America

Ottawa, November 26, 2003 — Today, Mr. Ian E. Wilson, National Archivist, Library and Archives Canada, and His Excellency Philippe Guelluy, Ambassador of France in Canada, are unveiling in Canada the world’s most comprehensive research portal on source material from the French colonial period in America. Canada and France are the first two countries to possess this type of joint database on their common history, and the first to make it available in its entirety on the Web.

New France, New Horizons: On French Soil in America is a vast documentary corpus, which consists of a virtual exhibition and an impressive database with 22,000 documents reproduced in more than 400,000 digitized images. It offers maps and plans, letters and reports, and other archival documents related to New France fundamental period in Canada’s history. In addition, many documents that were previously inaccessible to the public may now be consulted online.

The virtual exhibition presents 350 of the most significant documents, chosen for their visual and illustrative quality, their emotional impact and their relevance. Grouped under 12 themes, which range from crossing the ocean to daily life in the colony, the visitor is invited to discover the great challenges faced by the early French settlers in North America.

This project is the result of a collaborative effort by Library and Archives Canada, the Direction des archives de France and the Canadian Embassy in France. The Archives nationales du Québec and the Centre d’études acadiennes in Moncton also contributed to its production.

“This unique resource not only highlights the richness of French history in Canada and America, but also helps us to better understand the determination and ingenuity of our ancestors,” said National Archivist of Canada, Ian E. Wilson. “Close

co-operation with the Direction des archives de France and its Director, Martine de Boisdeffre, has certainly helped to extend the cultural influence of France and Canada in the world, and to make known the important contributions to our collective history.”

The creation of this Web product posed a sizable archival and technological challenge. The Canadian and French teams had to develop new digitization techniques in order to handle such a large body of documents and produce a high-performance research tool capable of answering the public's many questions. The portal initiative was undertaken in connection with the Programme Canada-France 2004.

The portal ***New France, New Horizons: On French Soil in America***, which includes a virtual exhibition and a database, is being launched today

at 5:00 p.m., at Le Cabaret du Roy, in Montréal (363 de la Commune Street East), during a celebration to be attended by representatives of the Government of Canada, the French Embassy in Canada, the Direction des archives de France, the Archives nationales du Québec, as well as by the archival, cultural and academic communities.

Today's unveiling serves as a prelude to the host of activities taking place next year to mark the 400th anniversary of the founding of the first French settlement in Acadia, in 1604. These anniversary festivities will reach a culmination point in 2008 with celebrations to highlight the founding of Québec by Champlain.

Visit ***New France, New Horizons: On French Soil in America*** at: www.archivescanadafrance.org.

**Carto 2004: Joint Conference of ACMLA and CAPDU
Winnipeg, June 1st to June 4th 2004**

This year, our meetings will overlap the Canadian Association of Public Data Users (CAPDU) meeting, allowing for a day of joint sessions on June 1st.

Deadlines for ACMLA members:

Organization of session themes or panel discussions:
February 1st, 2004.

Submission of presentation and paper abstracts to ACMLA:
March 15th, 2004.

Registration and Accommodation arrangements:
Details available January 2004.

Consult the Congress website at: www.fedcan.ca/english/congress/congress.html

Updates concerning the conference will be available on the ACMLA website.

Program ideas and abstracts are being accepted by:

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We look forward to seeing you in Winnipeg in June 2004.

NOUVELLES REGIONALES

Pierre Roy

Alberta

Université d'Alberta
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La dernière session nous a fait vivre une grande perte. Ron Whistance-Smith, le fondateur de la « William C. Wonders Map Collection », est mort le 25 septembre 2003 après un dur combat contre le cancer. Ron était un collègue apprécié, un enseignant de premier ordre et un mentor pour plusieurs d'entre nous. Il a conservé sa passion pour les cartes et la communauté jusqu'à la fin. La perte de son expertise et de son enthousiasme manqueront à tous ceux et celles qui ont bénéficié de ses services et de sa camaraderie. Pour plus de détails, voir la page Web

http://www.ualberta.ca/~djones/Ronald_Whistance-Smith.html

L'ensemble de la collection personnelle de Ron a été donnée à la « William C. Wonders Map Collection ». Avec l'assistance de la femme de Ron, nous avons commencé l'inventaire et la mise en boîte de la collection. La mise en valeur de ces trésors cartographiques se présente comme un travail majeur et à long terme.

La « William C. Wonders Map Collection Database » est la base électronique qui a été développé pour donner accès à l'ensemble de la collection de cartes. Développé pour remplacer les classeurs et fiches de carton qui ont suivi le passage de la collection du Département de géographie au Service des bibliothèques, cette base continue d'être alimentée de notices pour la documentation pré-1995 nouvellement acquise. Les cartes en monographies publiées après 1994 reçoivent un traitement LC complet et sont intégrées dans le principal catalogue du Service, soit NEOS.

L'année dernière, nous avons commencé à faire passer la Base de sa plate-forme TELNET à une plate-forme Internet. La Base, incluant les notices ajoutées depuis le printemps, est maintenant disponible sur Internet.

William C. Wonders Map Collection Database (Pré-1995 cartes en monographies et cartes en série) <http://maps.library.ualberta.ca/>

NEOS Libraries Catalogue (Après-1994 cartes et nouvelles séries de cartes)
<http://www.library.ualberta.ca/catalogue/>
Notez que les « autres options de recherche » sont limitées par le format (ex. : carte).

Notre collection mise en valeur

Nous sommes contents d'avoir été cités dans le numéro de septembre du « New Trail », le journal des anciens de l'Université.

<http://www.ualberta.ca/ALUMNI/newtrail/03-3/maps.html>

Journée dédiée aux SIGs

Cette année, l'Université de l'Alberta se joindra à la journée internationale des SIGs, le 19 novembre 2003. Conjointement avec différents départements, nous consacrerons une demi-journée à différents projets de recherche faisant appel aux SIGs. La Bibliothèque présentera les données géospatiales disponibles par l'intermédiaire de la bibliothèque de données statistiques et de la cartothèque. Le programme sera présenté par le nouveau président aux Affaires académiques, le Dr. Carl Amrhein qui participera aussi à une discussion sur l'avenir des données statistiques et géospatiales sur le campus.

<http://www.ualberta.ca/~gis/>

Ontario

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La Bibliothèque de l'université McMaster a été l'hôte d'un groupe d'assistants-cartothécaires de l'Ontario faisant partie de l'OCUL. Et ce, les 12 et 13 juin 2003. Vingt-six participants travaillant dans quatorze universités assistèrent à l'événement organisé par Cathy Moulder et Gord Beck de l'université McMaster ainsi qu'à une session dirigée par Colleen Beard de l'université Brook et d'une autre sous la direction de Cheryl Woods de l'université Western Ontario. L'événement fut généreusement commandité par l'ACACC, réduisant les coûts d'inscription au minimum Pour plusieurs des participants, c'était la première fois qu'ils avaient la chance de rencontrer leurs collègues et de visiter une autre cartothèque.

Le programme consistait en deux journées de sessions incluant trois conférences sur différents aspects reliés aux photos et orthophotos aériennes, quatre orateurs décrivant des projets d'accès aux données géospatiales dans leur environnement, une discussion modérée par Colleen sur le niveau de service qui devrait être offert pour les données géospatiales, une tournée du laboratoire de préservation de la bibliothèque et une démonstration de spécialistes sur la façon de restaurer du matériel mouillé. Le programme présente en bonne partie ce qui avait été montré dans un atelier dont vous trouverez le résumé dans le *Bulletin* 117 de l'ACACC (printemps/été 2003). Les activités sociales ont eu lieu dans la collection de cartes « Lloyd Reeds Map Collection » et lors d'une soirée d'accueil.

Les participants se sont montrés très contents de l'expérience. L'évaluation soumise montre que la session de Colleen sur les différents niveaux de service à offrir a été la plus appréciée, suivi de l'opportunité de visiter le laboratoire de préservation. Les salles de formation sont arrivées en dernier : trop petites avec des chaises de plastique exiguës.

Notre assistant, Gord Beck, a réussi à compléter l'aide en ligne pour notre collection de cartes de la première guerre mondiale pour le mois de juin

2003, juste à temps pour présenter le projet à l'OCUL. McMaster possède approximativement 400 cartes de la Première grande guerre, comprenant beaucoup de cartes de tranchées du secteur canadien. Gord a mis tous les efforts possibles pour permettre une recherche efficace comportant une légende des symboles employés et une chronologie du processus de dessin des cartes. L'adresse pour voir ce projet est <http://library.mcmaster.ca/maps/ww1/home.htm>.

La mise en ligne d'instructions devenant d'un intérêt croissant, un nombre de plus en plus grand de cours en géographie et en environnement étant disponible, nous avons expérimenté avec des séries d'instructions sur Internet, instructions qui, les années dernières, étaient présentées à de petits groupes par un bibliothécaire. L'été dernier, nous avons créé un diaporama pour permettre aux étudiants de se guider à travers le catalogue en ligne de McMaster et pour trouver un article de journal dans la famille des bases WebSPIRS. Nous avons aussi créé un diaporama sur le système de références géographiques en longitude et latitude (<http://library.mcmaster.ca/maps/instruction/latlong.pdf>) et le système cartésien UTM (<http://library.mcmaster.ca/maps/instruction/utm.pdf>). La dernière section de chaque diaporama sert aussi à illustrer certains cours. Nous en sommes venu ainsi à réduire la répétition des mêmes explications.

La bibliothèque a aussi mis sur pied un laboratoire électronique. La cartothèque s'en sert pour une seconde année pour guider les étudiants dans le processus d'acquisition des données de recensement de E-Stat, de leur représentation géographique dans ArcView et de l'analyse des résultats ; tout ça dans une seule session. L'emploi de la classe électronique est d'une aide précieuse afin de réduire les périodes trop longues passées avec l'utilisateur.

Une grande quantité de données géospatiales ont été ajoutées à notre collection cette année : orthophotos numériques de quatre municipalités, jeux de données de la ville de Hamilton et du « Grand River Conservation Authority », la série GIS du USGS, plusieurs couches d'information sur les sols provenant de la FAO et, bien sûr, les principaux jeux de données reçus dans le cadre du « Ontario Geographic Data Exchange agreement ». En contrepartie, nous avons aussi reçu un don de plusieurs atlas modernes et un petit ensemble de cartes rares.

Université d'Ottawa
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Cet automne, le Service des bibliothèques a approuvé la fusion de la cartothèque et du service des données numériques dans le but de renforcer et de développer les activités reliées aux données statistiques et géospatiales. Le service des données numériques est localisé à la cartothèque depuis trois ans. La directrice de ce service, Susan Mowers, a pris la direction de la cartothèque pour une période d'une année récemment. Le choix du personnel du nouveau service a été retardé jusqu'à ce que l'administration de l'université approuve la fusion. On attend une réponse au début de l'année. Grace Welch continue d'assurer la direction de la cartothèque. Susan Mowers et Frank Williams ont accepté de partager certaines tâches, chacun accordant 2.5 jours par semaine à la cartothèque. Martine Rocheleau a pris un congé de 16 mois et accepté de travailler pour le programme Géoconnexion comme analyste en métadonnées. Son absence se fera sentir à la cartothèque mais nous lui souhaitons bonne chance.

Les demandes reliées aux SIGs ne cessent de croître, à la limite des capacités du personnel. La demande de fichiers provenant de la BNDT est populaire et nous téléchargeons régulièrement des données pour nos étudiants. Le département de géographie vient d'annoncer la création d'une nouvelle concentration en géomatique et analyse spatiale. Tous les postes de travail dédiés aux SIGs et aux données numériques ont été changés cet automne : trois nouveaux postes de travail, un nouveau numériseur, une imprimante couleur ainsi qu'un PC agissant comme serveur de données.

Conjointement avec le département de géographie, nous avons tenu une journée « SIG » le 19 novembre 2003. L'événement a été déplacé de la cartothèque au Centre universitaire afin de l'exposer plus largement à une éventuelle clientèle. La pièce de résistance de la journée fut le lancement du portail Géobase par Ressources naturelles Canada avec la participation de cadres supérieurs de RNC Canada, des présidents de PCI, ESRI Canada, GIAC et de plusieurs autres représentants de l'industrie des SIGs. Voir le site : <http://www.uottawa.ca/academic/arts/geography/new/gis.htm>

Grace Welch présenta un exposé sur les métadonnées géospatiales lors du Forum portant sur les dites métadonnées et tenu à la Bibliothèque nationale les 19 et 20 septembre 2003. Elle fut agréablement surprise qu'on lui demande de faire partie du groupe de réviseurs dans le cadre du projet « DMTI Great Canadian Mapping Challenge Scholarship ».

Université de Toronto à Mississauga
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Un nouveau bibliothécaire dédié aux données numériques statistiques et géospatiales a été engagé dans le but de faciliter le support aux activités liées aux SIGs, sur le campus Mississauga de l'université de Toronto. Andrew Nicholson a commencé début novembre 2003. Il travaillera en étroite collaboration avec le personnel de la cartothèque de l'université de Toronto afin d'assister les membres du campus Mississauga.

Le département de géographie offre une panoplie de cours à Mississauga. La bibliothèque est dépositaire de premier niveau pour les données géographiques fédérales et a récemment ajouté un poste de travail pour les SIGs, doté des principaux logiciels d'ESRI ainsi que de « MapInfo Professional ». La bibliothèque planifie l'expansion de ses services pour mieux desservir les besoins en données géospatiales autant au département de géographie que de biologie et des affaires étrangères.

Université de Waterloo
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La principale activité de la cartothèque reste centrée sur les données numériques géospatiales : acquisition de données, création de notices MARC pour notre catalogue en ligne TRELIS et archivage des données sur les appareils de notre réseau SNAP. Nous continuons à créer une page Web pour chaque jeu de données acquis. Le personnel de référence de la cartothèque a été très occupé cette session avec les données géospatiales, incluant l'extraction et l'assistance à la production de cartes, au géocodage et à l'analyse. Les dernières acquisitions reçus comprennent le réseau routier et de transport en commun du Toronto

métropolitain, des thèmes de base pour la ville de Cambridge en format DXF, des couches d'information révisées de la ville de Waterloo en format SHP des fichiers de limites administratives à jour du Ministère des affaires municipales de l'Ontario. Le Ministère de l'environnement nous a promis de nous remettre la banque des inventaires de puits creusés pour les comtés de Brant et de Waterloo, comprenant 14 000 entrées. Finalement, nous négocions avec la ville de Guelph pour acquérir une série d'orthophotographies basées sur une couverture datant de l'an 2000.

Le projet de mise en commun des métadonnées continue (TriUniversities Data Resources' GIS metadata project). À ce sujet, voir la page Web <http://www.fesspatial.uwaterloo.ca/library/> Notre employée à contrat, Chris Close, un étudiant gradué du département de géographie, a poursuivi son travail durant la session d'automne. Nous avons maintenant accès à 200 couches de données incluant celles du DMTI, de la « Grand River Conservation Authority », de Ressources naturelles Canada (BNDD) et du Ministère des ressources naturelles de l'Ontario. Nous travaillons présentement sur la version 7.2 des données du DMTI.

La planification de la bibliothèque de la nouvelle Faculté d'architecture de Cambridge se développe. Les plans de base des 13 000 pieds carrés de la bibliothèque sont finalisés et une entente a été signée entre la bibliothèque et l'École d'architecture. Lors de l'été 2004, près de 10 000 monographies et de documents en série seront déplacés de la bibliothèque des cartes et du design de l'environnement, permettant ainsi de rapatrier nos cartes et photos aériennes. Une partie de cet espace pourrait aussi servir à agrandir notre service de ressources en SIGs considérant que les stations de travail (2) sont insuffisantes pour les besoins des étudiants.

Nouveau Brunswick

Université de Moncton
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La Bibliothèque Champlain de l'Université de Moncton a embauché monsieur Stéfano Biondo en août 2003 comme bibliothécaire de référence afin

de développer le secteur des données géospatiales et de réorganiser la cartotheque. Il est diplômé de l'École de bibliothéconomie et des sciences de l'information de l'Université de Montréal et possède un baccalauréat en géographie.

Nouvelle-Écosse

Université Dalhousie à Halifax
James Boxall
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La cartotheque (MAGIC) est en pleine expansion. Nous avons maintenant deux employés à temps plein ainsi que trois étudiants gradués. Nous avons obtenu une licence d'utilisation pour toutes les données géospatiales produites par le Service des relations municipales du gouvernement provincial. Ceci inclus les bases topographiques à l'échelle 1 : 10 000 ou plus grandes. Les données ont été fournies gracieusement à des fins de recherche. La Municipalité régionale de Halifax a aussi convenu avec « MAGIC » un arrangement lui permettant d'obtenir des données « à la demande ». Cet arrangement sera bientôt harmonisé avec celui pris avec la province. Nous avons maintenant, dans notre salle d'équipements 146 stations de travail accueillant ArcMap ainsi que cinq stations de pointe équipées aussi d' ArcMap et des logiciels spécialisés supplémentaires : PCI Geomatica, IDRISI et CARIS.

Nous avons du nous résigner à dire au revoir à Jennifer Smith qui a quitté l'unité « MAGIC » en acceptant une position avec le Fond international de la faune. C'est toutefois un plaisir de vous annoncer que Julie Beaumont s'est jointe à notre équipe. Julie, qui a fait le tour du monde, est cartographe, analyste en SIG, artiste peintre et photographe. Elle a récemment travaillé pour le gouvernement de la Nouvelle-Écosse et du Yukon Elle a gagné des concours de l'ACSM et ses œuvres ont été publiées dans le calendrier d'ESRI. Nous sommes heureux de l'accueillir parmi nous, à l'unité « MAGIC » et dans le monde de la communauté des cartothecaires.

Terre-Neuve

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Les pages Internet du Service des bibliothèques de l'université Memorial ont de nouvelles adresses, <http://www.library.mun.ca/> pour la page d'accueil et <http://www.library.mun.ca/qeii/maps/index.php> pour la cartotheque. Quelques pages ont été modifiées et améliorées, dont notre « Treasure Project » à l'adresse <http://www.library.mun.ca/qeii/maps/treasures/> et un inventaire préparé par Dan Duda des documents traitant de l'histoire de la cartographie disponibles dans notre bibliothèque <http://www.library.mun.ca/qeii/maps/map%20history%20resources.php>.

Vos commentaires sont les bienvenus.

La cartotheque de la bibliothèque Queen Elizabeth II a présenté une exposition dans le hall central débutant le 16 novembre 2003 pour commémorer la « National Geography Week », du 16 au 22 novembre 2003. Préparé par Joanne Costello et Rose Marie Power, le tout mettait en vedette les SIGs ou Systèmes d'information géographique et les différentes techniques de production de cartes à partir de données numériques géospatiales. On pouvait y voir des cartes créées par des étudiants et membres de la faculté ainsi qu'une démonstration des résultats obtenus à l'aide d'un logiciel de modélisation 3D. La cartotheque a aussi tenu une journée SIG portes ouvertes, le 19 novembre 2003. Peu de gens se sont présentés mais l'auditoire était très intéressé.

Nous avons reçu l'aide de deux étudiants, ce semestre. Seth Loader étudie au département de géographie. Il prépare des procéduriers pour créer des modèles d'élévation de terrain à partir des données accessibles autant de RNCAN que du DMTI et il assiste nos utilisateurs dans la création de cartes. Rick Bastow, étudiant en mise en marché édite des notices relativement à des notes et des photos dans la Bibliographie de Terre-Neuve et du Labrador. Cette bibliographie en ligne vient d'être séparé du catalogue principal. En utilisant l'interface Sirsi ILINK, plusieurs d'entre nous peuvent l'éditer en temps réel. Suite à des visites d'autres bibliothèques et archives, nous espérons ajouter bientôt de nouvelles notices. La nouvelle

adresse pour accéder directement à la bibliographie est <http://info.library.mun.ca:81/index3.html> et elle est aussi accessible à partir des pages Web de la cartotheque.

Dan Duda a passé la session d'automne en partie au comptoir d'information, en partie à donner des sessions de formation documentaire et sur quelques projets spéciaux. Il reviendra à la Division des collections en janvier 2003 où il sera responsable des acquisitions en études religieuses, classiques, sciences humaines, géographie, travail social, socio-psychologie, mathématiques et sciences de l'information.

Notre TINFO (deux ordinateurs avec accès à l'Internet et le progiciel Microsoft Office) a été très utilisé cette session. Les ordinateurs ont été occupés à plein temps et même l'usage qui en est fait a débordé sur nos ordinateurs réservés à la cartographie.

Alberta a terminé son mandat de quatre ans comme vice-présidente de l'Association cartographique internationale en assistant à la conférence de Durban en Afrique du Sud au mois d'août 2003. Un rapport séparé sera produit pour l'occasion (p.53).

L'utilisation de la cartotheque a considérablement augmenté cet automne comparé aux années précédentes. Ceci n'est pas seulement une conséquence d'avoir obtenu des ordinateurs à usage général. Nous avons constaté une augmentation de fréquentation par les étudiants de géographie et autres ayant besoin de cartes. Ce qui fut prouvé par le type de questions posées lors des mois de septembre et octobre 2003.

	2003		2002	
	Sept	Oct	Sept	Oct
Utilisateurs	337	531	189	255
Questions de référence	241	306	151	176
Questions de localisation	106	207	65	108



Communiqués de Bibliothèque et Archives Canada

Louis Cardinal
Sound and Visual Archives Division
Library and Archives Canada

Patrimoine canadien lance la version Web du Dictionnaire biographique du Canada

Halifax, le 24 octobre 2003 — La version Web du *Dictionary of Canadian Biography/Dictionnaire biographique du Canada* (DCB/DBC) sera lancée le 24 octobre 2003, à Halifax (Nouvelle-Écosse), à la conférence de l'Association d'études canadiennes, *La présence du passé*.

Ce projet Web est le fruit d'une collaboration entre l'Université de Toronto, l'Université Laval, le ministère du Patrimoine canadien et Bibliothèque et Archives Canada. Il a été rendu possible grâce au Programme de culture canadienne en ligne de Patrimoine canadien, qui appuie des initiatives de qualité favorisant la promotion de la culture canadienne en ligne dans les deux langues officielles.

Bibliothèque et Archives Canada a élaboré la version en ligne du DCB/DBC, qui se trouve à l'adresse www.biographi.ca.

L'honorable Sheila Copps, ministre du Patrimoine canadien a déclaré « que ce site Internet représente pour les Canadiens et les Canadiennes une fenêtre ouverte sur l'histoire fascinante de ceux et celles qui ont contribué au développement de notre pays. En ayant la chance de consulter en ligne les biographies de ces personnes, nous pourrions tous approfondir nos connaissances sur l'histoire et la culture de notre pays. »

Le DCB/DBC en ligne rend accessibles des biographies de personnages importants de l'histoire du Canada, rédigées par des experts. Il couvre en 14 volumes les années 1000 à 1920. Des biographies sélectionnées, tirées d'un 15^e volume portant sur la période de 1921 à 1930, seront mises en ligne en 2005.

Le lancement aura lieu au quai 21 (Pier 21), un endroit historique national à Halifax. Parmi les invités, mentionnons le ministre de l'Éducation de

la Nouvelle-Écosse, M. Jamie Muir, les professeurs Réal Bélanger de l'Université Laval et Ramsay Cook de l'Université de Toronto, et l'administrateur général de la Bibliothèque nationale du Canada, M. Roch Carrier. Les délégués de la conférence, notamment des universitaires, des chercheurs, des enseignants et des représentants d'associations historiques, sont également invités.

La France et le Canada lancent le plus important outil de recherche sur l'histoire de la présence française en Amérique

Ottawa, 26 novembre 2003 — Monsieur Ian E. Wilson, archiviste national de Bibliothèque et Archives Canada, et Son Excellence monsieur Philippe Guelluy, ambassadeur de France au Canada, dévoilent aujourd'hui au Canada le plus important portail de recherche au monde portant sur les sources de la période coloniale française en Amérique. Le Canada et la France sont ainsi les deux premiers pays à posséder une telle base de données sur leur histoire commune et à la rendre entièrement disponible sur le Web.

Nouvelle-France, horizons nouveaux. Histoire d'une terre française en Amérique est un important corpus documentaire constitué d'une exposition virtuelle et d'une imposante base de données. Celle-ci est constituée de 22 000 documents reproduits sur plus de 400 000 images numérisées. Elle offre des cartes et plans, des lettres et mémoires et autres documents d'archives qui sont autant de témoins de la Nouvelle-France, période fondamentale de l'histoire du Canada. En outre, de nombreux documents qui, jusqu'à présent, étaient très difficilement accessibles au public, peuvent dorénavant être consultés en ligne.

L'exposition virtuelle présente 350 documents parmi les plus significatifs pour leur qualité visuelle, leur exemplarité, leur force émotionnelle et leur pertinence. Par le truchement de douze thèmes allant de la traversée à la vie quotidienne dans la colonie, le visiteur est invité à découvrir les grands

défis qu'ont dû relever les premiers colons français en Amérique du Nord.

Ce projet est le résultat d'une collaboration entre Bibliothèque et Archives Canada, la Direction des archives de France et l'ambassade du Canada en France. Les Archives nationales du Québec et le Centre d'études acadiennes de Moncton ont également participé à sa réalisation.

« Il s'agit d'une ressource unique qui non seulement met en valeur la richesse de l'histoire française au Canada et en Amérique, mais nous aide également à mieux comprendre la détermination et l'ingéniosité de nos ancêtres, a déclaré monsieur Ian E. Wilson, archiviste national du Canada. L'excellente collaboration avec la Direction des archives de France et sa directrice, madame Martine de Boisdeffre, contribue sans équivoque à augmenter le rayonnement culturel de la France et du Canada dans le monde et à faire reconnaître les contributions importantes à notre histoire collective. »

La réalisation de ce produit Web a représenté un défi archivistique et technologique de taille. De nouvelles techniques de numérisation ont dû être mises au point par les équipes canadiennes et françaises afin de traiter une aussi grande masse documentaire et de

produire un outil de recherche assez performant pour répondre aux questions multiples du public. La réalisation du portail s'inscrit dans le cadre du programme Canada-France 2004.

Le portail **Nouvelle-France, horizons nouveaux. Histoire d'une terre française en Amérique**, qui comprend une exposition virtuelle et une base de données, est lancé aujourd'hui à 17 h au Cabaret du Roy, à Montréal (363, rue de la Commune Est) lors d'une célébration réunissant des représentants du gouvernement du Canada, de l'ambassade de France au Canada, de la Direction des archives de France, des Archives nationales du Québec, et des communautés archivistique, culturelle et universitaire.

Le dévoilement d'aujourd'hui sert en quelque sorte de prélude aux nombreuses activités qui marqueront, l'an prochain, le 400^e anniversaire de la fondation du premier établissement français en Acadie en 1604. Cet anniversaire atteindra son point culminant en 2008 durant les festivités qui souligneront la fondation de Québec par Champlain.

Visitez **Nouvelle-France, horizons nouveaux. Histoire d'une terre française en Amérique** à l'adresse : www.archivescanadafrance.org.

Carto 2004: Congrès annuel de l'ACACC

Le congrès annuel de l'Association des carto-thèques et archives cartographiques du Canada se tiendra à Winnipeg du 1 juin au 4 juin 2004, conjointement avec l'Association canadienne des utilisateurs de données publiques.

Dates limites pour les membres de l'ACACC

Organisation des séances ou panels de discussion :

1^{er} février 2004

Soumission du résumé de vos présentations à l'ACACC :

15 mars 2004

Inscription et Hébergement :

Plus de détails en janvier 2004

Consulter le site web du congrès au www.fedcan.ca/francais/congrès/congrès.html

Les informations supplémentaires concernant la conférence seront disponibles sur le site de l'ACACC.

SVP envoyez-nous vos suggestions à propos des séances ainsi que le résumé de vos présentations.

Rosa Orlandini
Rosa.Orlandini@mcgill.ca
(514) 398-8095

Au plaisir de vous rencontrer à Winnipeg en juin 2004.

**NEW BOOKS AND ATLASES
NOUVEAUTÉS LIVRES ET ATLAS**

Martine Rocheleau

- Arnold, Thomas F. 2002. *Atlas des guerres de la renaissance*. Paris : Autrement. 224 p. \$53.00 CDN. ISBN 2746702495.
- Assel, Raymond A. 2003. *NOAA atlas: an electronic atlas of Great Lakes ice cover, Winters 1973-2002*. Ann Arbor, Mich.: Great Lakes Environmental Research Laboratory. [computer optical disc] \$ N/A.
- Atles de les Illes Balears*. 2000. Direcció, Josep M. Rabella. Barcelona: Edicions 62. 47 p. \$20.00 CDN. ISBN 842974746X.
- Diop, Salif et Philippe Rekacewicz. 2003. *L'Atlas mondial de l'eau : une pénurie annoncée*. Paris : Autrement; Paris : PNUE. Programme des nations unies pour l'environnement; Caen : Mémorial de Caen. 63 p. \$21.00 CDN. ISBN 2746703343.
- Geoscientific maps of southern part of Korea, western part of Japan and their adjoining seas*. 2001. Tsukuba, Ibaraki, Japan: Geological Survey of Japan and Korea Institute of Geoscience and Mineral Resources. 8 p. \$40.00 CDN. ISBN N/A.
- Gilbert, Martin. 2003. *The Routledge atlas of American history*. London; New York: Routledge. 149 p. \$27.00 CDN. ISBN 0415281520.
- Gilbert, Martin. 2003. *The Routledge atlas of British history*. London; New York: Routledge. 157 p. \$27.00 CDN. ISBN 0415281482.
- Jerusalem maps: the present and future of Jerusalem: the current situation on the ground and current future plans*. 1999. Jerusalem: Israel/Palestine Center for Research and Information. 1 atlas (6 fold. maps in pockets). \$26.00 CDN. ISBN N/A.
- Haverkamp Alfred (Hrsg.). 2002. *Geschichte der Juden im Mittelalter von der Nordsee bis zu den Südalpen : kommentiertes Kartenwerk*. Hannover : Verlag Hahnsche Buchhandlung. 3 v. \$260.00 CDN. ISBN 3775256237 (set).
- Mapping Augustan Rome*. 2002. Directed by Lothar Haselberger in collaboration with David Gilman Romano. Portsmouth, R.I.: Journal of Roman Archaeology. 277 p. \$150.00 CDN. ISBN 1887829504.
- McCorkle, Barbara Backus. 2001. *New England in early printed maps, 1513 to 1800: an illustrated carto-bibliography*. Providence, R.I.: John Carter Brown Library. 354 p. \$258.00 CDN. ISBN 091661753X.
- Meriwether, Guy. 2002. *Lewis and Clark: the maps of exploration, 1507-1810: University of Virginia Library*. Charlottesville, Va.: Howell Press. 88 p. \$34.00 CDN. ISBN 1574271385.
- Millstone, Erik and Tim Lang. 2003. *Atlas de l'alimentation dans le monde*. Paris : Autrement. 128 p. \$40.00 CDN. ISBN 2746702924.
- Modelling scale in geographical information science*. Edited by Nicholas J. Tate and Peter M. Atkinson. 2001. Chichester; New York: Wiley. 277 p. \$152.00 CDN. ISBN 0471985465.
- Nuevo atlas del Ecuador*. 2001. [creación y dirección, Nelson Gómez E.]. Quito, Ecuador: Ediguías C. 71 p. \$30.00 CDN. ISBN 9978890092.
- Le passage du Détroit = Passages*. 2003. Sous la direction de Marcel Bénéteau. Windsor, Ont.: Humanities Research Group, University of Windsor. 348 p. \$29.95 CDN. ISBN 0968962416.
- Sacquet, Anne-Marie. 2002. *Atlas mondial du développement durable*. Paris : Editions Autrement. 77 p. \$23.00 CDN. ISBN 2746702347.
- Sorokin, Yuri I. *The Black Sea: ecology and oceanography*. Leiden, the Netherlands: Backhuys

Pub. 875 p. \$365.00 CDN. ISBN 9057821052.

Tirion, Wil. 2001. *The Cambridge star atlas*. 3rd ed. Cambridge, UK; New York: Cambridge University Press. 90 p. \$67.00 CDN. ISBN 0521800846.

Tishby, Ariel. 2001. *Holy Land in maps*. Jerusalem: The Israel Museum; New York: Rizzoli: Distributed by St. Martin's Press. 168 p. \$106.00 CDN. ISBN 0847824128.

Westrem, Scott D. 2001. *The Hereford map: a transcription and translation of the legends with commentary*. Turnhout, Belgium: Brepols. 476 p. \$109.00 CDN. ISBN 2503510566.

Yi, Ki-sok. 2002. *East Sea in world maps*. Seoul, Korea: Society for East Sea. 126 p. \$ N/A. ISBN 8995294206.

Editor's Note:

This will be Martine Rocheleau's last column as our New Books and Atlases editor. Martine is leaving the Map Library at the University of Ottawa for a 16 month leave of absence. She will be working instead at NRCan GeoConnections with the Discovery Portal as a metadata coordinator.

Thanks, Martine, for your very capable and conscientious contributions to the ACMLA *Bulletin*, and very best of luck with your new responsibilities. CM



President's Message (continued from page 2)

Update on Bill C-36, An Act to establish the Library and Archives of Canada and to amend the Copyright Act.

Bill C-36 is intended to merge the National Library of Canada and the National Archives of Canada. The House voted on the bill in October and agreed, by a vote of 146 to 79, to advance the Bill to 3rd Reading. Unfortunately Parliament was prorogued on November 12, and is not expected to return until January 2004. With a prorogation of Parliament, all bills die automatically. However, this legislation could possibly be reintroduced in the next session of Parliament, with the agreement of all parties, at the stage that it was when Parliament prorogued (Senate committee stage). An amendment was proposed by the opposition to have the new merged institution in charge of the Depository Services Program. Unfortunately the amendment proposed was voted against. The most important aspect of the Bill for the ACMLA, however, is the inclusion of paper maps, and the possibility that geospatial data may also be included. The

ACMLA will observe closely the developments of the Bill in the parliamentary process.

The Loss of Two Long-time ACMLA Members

It is with great sadness this year that we say farewell to two members of the ACMLA family. Ron Whistance-Smith and Hugo Stibbe both passed away this year.

Hugo Stibbe established the map library of the University of Alberta and was its map librarian until 1973. That year, he left the U of A to work at the National Archives of Canada in Ottawa, where he was for fifteen years Chief, Document Control Section, in the map division (National Map Collection then). Hugo died on June 24th, 2003.

Ron Whistance-Smith was the Map Curator Emeritus at the University of Alberta and died on September 25th, 2003. Ron built the William C. Wonders Map Collection into one of the largest academic map collection in North America.

NEW MAPS

Danial Duda

Alberta's parks and protected areas map, guide 2003. Produced by Alberta Sustainable Resource Development. Rev. Feb. 2003.
Scale: 1:1,000,000 and 1:1,500,000.
Published: Edmonton AB : Alberta Community Development, c2003.
Description: 2 maps : both sides, col. ; 100 x 68 cm. folded to 26 x 11 cm.
Note: Includes 'Facility matrix' and tourist information.
ISBN: 0778521095

Baghdad & environs. [2002?]
Scale: Baghdad city center 1:9,000; Baghdad City 1:25,000; Baghdad environs 1:850,000.
Published: Burlington NC : OMNI Resources, [2002?]

Canada aquaculture... c2002.
Scale: not given.
Published: London : Fish Farming International, c2002.
Note: Researched, designed and produced for Fish Farming International by La Tene Maps.

Canada's oil sands and heavy oil areas. Produced by *Oilweek*. 2002.
Scale: not given.
Published: Calgary AB : Oilweek, 2002.
Description: 1 map : col. ; 50 x 46 cm. on sheet 69 x 99 cm.
Note: Supplement to *Oilweek*, September 2002. Includes list of leaseholders, commercial projects and experimental projects. "All data for Oil sands and heavy oil areas map is derived from the Alberta Energy Utilities Board as of June 2002".

Canada's sawmills. Produced by the Geoaccess Division, Canada Centre for Remote Sensing, Earth Sciences Sector, Natural Resources Canada in co-operation with the Canadian Forest Service, Natural Resources Canada.
Scale 1:6,000,000. 60 km. to 1 cm.
Published: [Ottawa?] : Natural Resources Canada, c2003.

Energy infrastructure map of the North Sea. Produced by the Petroleum Economist Ltd., London, in association with Indigopool. c2002.

Scale: not given.
Published: London : The Petroleum Economist, c2002.
Description: 1 map : col. ; on sheet 140 x 92 cm., fold. to 31 x 21 cm.
Note: Shows oil and gas fields; pipelines; refineries; tanker terminals; power stations; underground gas storage; gas processing plants.
ISBN: 1861861729

Energy map of the Middle East & the Caspian. Produced by the Petroleum Economist Ltd., London, in association with Deloitte Touche Tohmatsu. 3rd ed. c2003.
Scale: ca. 1:4,000,000.
Published: London : The Petroleum Economist, c2003.
Description: 1 map : col. ; 89 x 124 cm. folded to 30 x 21 cm.
Note: Shows oil and gas fields, export and import terminals, pipelines, refineries, summary of existing and prospective power projects by region. Inset maps: Saudi Red Sea ports, Southern Oman, Yemen. Charts: Prospective gas pipeline projects 2001, Middle East gas and power projects, prospective oil pipeline projects 2001, Iran gas and power projects, Saudi gas initiative.
ISBN: 1861861486

The Exploration Company wide-ranging world map. c2002.
Scale: not given.
Published: Phoenix : The Company, c2002.
Description: 1 map : col., laminated ; 91 x 150 cm.
Note: Deals with environment-ecology-population density-political-indigenous nations. Relief shown pictorially and by spot heights. Shows country names, political boundaries, land cover and indigenous peoples.

Global terrorism risk map. Produced by Special Risks Counter Terrorism, a division of Aon Crisis Management in association with Euromoney and Reactions. c2003.
Scale: not given.
Published: London : Aon Special Risks Counter Terrorism, c2003.

ACMLA Bulletin Number 118

Green electricity resources of British Columbia. c2002.
Scale: 1:2,200,000 or 1:4,000,000.
Published: Choquilitam BC : Canadian
Cartographics : BC Hydro, c2002.

*Hockey's hometown heroes: birthplace distribution
of Canadian NHL hockey players.* Produced by
Andreas N. Korsos. 2002.

Scale: not given.
Published: Edmonton AB : Behind the Net Ltd., 2002.
Description: 1 map : col. ill. ; 83 x 114 cm.
Note: 4 inset maps, photographs of players, and list
of players/birthplaces from 1917 - 2001/2002 season.

Middle Earth. Produced by New Line Productions. [2002?]
Scale: not given.
Published: Sheffield, England : New Line
Productions, [2002?]
Description: 1 map : col. ill. ; 45 x 66 cm. on sheet
65 x 90 cm.

Northern circumpolar soils. 2002.
Scale: 1:10,000,000.
Published: Ottawa : Research Branch, Agriculture
and Agri-Food Canada, 2002.
Description: 1 map : col. ; on sheet 87 x 120 cm.
Note: Includes 6 ancillary maps and bibliographical
references.

The Northwest Territories. Produced by Canadian
Geographic Enterprises. c2002.
Scale: 1:4,000,000.
Published: [Vanier ON]: Canadian Geographic
Enterprises, c2002.
Description: 1 map : col. ; 66 x 48 cm.
Note: Relief shown by shading. Text and 2 remote-
sensing maps on verso.

Oil & gas map of Asia. Produced by the Petroleum
Economist Ltd., London, in association with
Unocal 76. 2003.
Scale: ca. 1:12,700,000.
Published: London : Petroleum Economist
Cartographic Energy Maps, 2003.
Description: 1 map : col. ; 89 x 117 cm. folded to
30 x 20 cm.
Note: Inset maps of Gulf of Thailand, Krishna-
Godavari Basin (India), Northwest Shelf (Australia),
Bo Hai Gulf, East Kalimantan, Offshore Vietnam,
Offshore Sarawak, Offshore Brunei and New
Zealand. Includes graphs and diagrams of reserves,
projects and production.
ISBN: 1861861532

Pulp, paper and board mills of Canada 2003.
Scale: not given.
Published: Don Mills ON : Southam Business
Communications, 2002.
Description: 1 map : col. ill. ; 54 cm. x 75 cm.
Note: Issued in *Pulp & Paper Canada*, Nov. 2002.
Includes list of mill locations and products of Cutler-
Hammer company.

Treaties and comprehensive land claims in Canada.
Produced by Legal Surveys Division, Geomatics
Canada, Natural Resources Canada. 2002.
Scale: 1:7,500,000.
Published: [Ottawa : The Division], 2002.
Description: 1 map : col. ; 65 x 83 cm.
Note: Shows land claim status, including land claim
settlement areas, unsettled land claims, and historic
treaties and adhesions. Insets: [Vancouver Island
and Lower Mainland] [1:5,000,000], Vancouver
Island treaties (Douglas) [1:4,000,000 and
1:1,000,000] in English and French.
"Note: the lines on this map represent approximate
boundaries for illustrative purposes."

World deepwater developments map. Produced by the
Petroleum Economist Ltd., London, in association
with PETROBRAS. 2002.
Scale: not given.
Published: London : The Petroleum Economist, 2002.
Description: 1 map : col. ; 92 x 118 cm.
Note: Depths indicated by bathymetry. Includes
inset maps and statistics of major deep water gas
and oil fields and pipelines throughout the world;
table of production delays, chart of water depth
analysis, greenfield reserves for fields on stream
2002-2006.
ISBN: 186186177X

World terrorism : reference map. c2002.
Scale: 1:41,000,000.
Published: Santa Barbara CA : Distributed by Map
Link, c2002.
Description: 1 map : col. ; on sheet 68 x 99 cm.,
folded to 23 x 15 cm.
Note: Relief shown by shading. Shows selected
terrorist incidents since 1967. Includes Middle East
inset, three inset world maps, and seven graphs
relating to terrorism. On verso: Palestine inset,
Western Europe inset, text, references, list of
terrorist organizations, and timeline of world
terrorism since 1967.

GEOSPATIAL DATA REVIEWS

Richard Pinnell

Editor's Note:

This is the first appearance of a new column for the ACMLA *Bulletin*. Sincere thanks to Richard Pinnell for taking on the responsibility of editing. We hope that this will provide an interesting and informative venue for sharing information on new geospatial datasets of interest to Canadian researchers. Please consider contributing a data review - guidelines appear on pages 39-40. Your comments and suggestions for future issues are welcome. CM

Surficial Geology of Southern Ontario

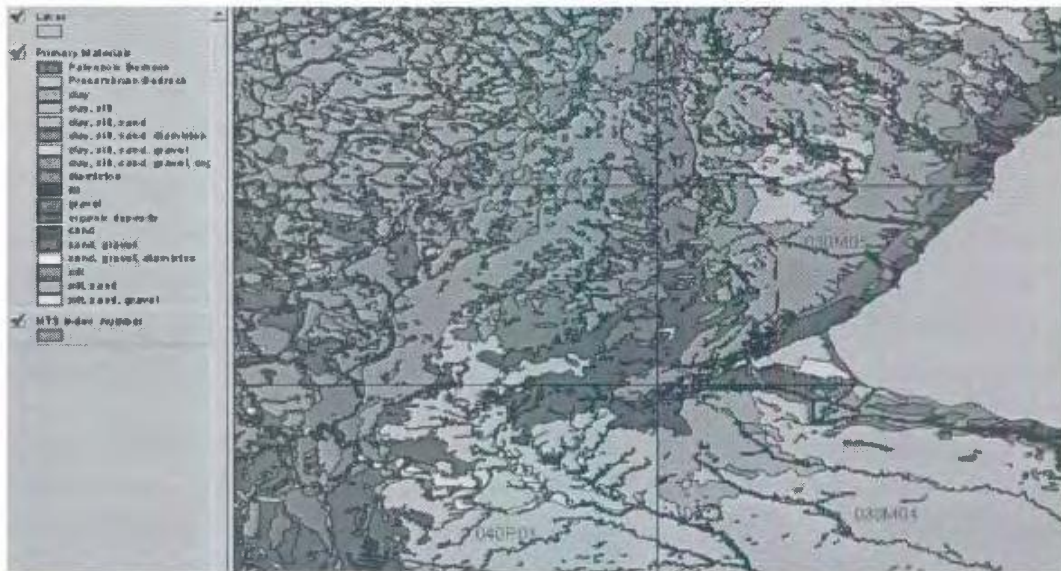
Surficial Geology of Southern Ontario. Ontario Ministry of Northern Development and Mines, Ontario Geological Survey, Sedimentary Geoscience Section, Miscellaneous Release - Data 128, 2003. [2 CD-ROM discs]. \$40.00 Cdn.

According to the Ontario Geological Survey: "This is a GIS-based, seamless map of the surficial geology for southern Ontario. A total of 124 maps, 36 of which belong to the Geological Survey of Canada, were used to create the seamless coverage. The original tiled maps were primarily at a scale of 1:50,000." This product contains information on Quaternary geological units, sand and gravel pits, features such as eskers, moraines, and drumlins. Also included is a shaded relief image (jpeg) created using the digital elevation model (DEM) produced by the Ontario Ministry of Natural Resources. Base map layers include hydrology, roads, and municipal boundaries from Land Information Ontario and the Ontario Ministry of Municipal Affairs and Housing. Of particular interest is the information that relates to surficial geology: geologic deposits (e.g., glacial till), deposit age (e.g., Pleistocene), primary material (e.g., gravel), primary material modifier (e.g., sandy), primary genesis (e.g., glaciofluvial), permeability (e.g., high), and geologic formation (e.g., Halton Till).

The data is supplied on two CD-ROM discs. Disc 1

contains a complete set of data in geographic coordinates (decimal degrees, NAD 83); disc 2 contains the same data but in UTM, grid zones 17 and 18. Vector datasets are ESRI coverages, although the data are also provided in ESRI ArcINFO Export format (.e00) for the benefit of those without access to ArcGIS software. The raster dataset (hillshade image) is in jpeg format. The accompanying readme file suggests using ArcCatalog to build pyramids for this image, in order to enable the software to open and process the image relatively quickly; however this procedure takes 20 minutes to complete and the image file size balloons from 53 MB to 292 MB. Data and support materials on disc 1 are organized into seven folders: vector and raster data are in three of these, documentation including the license agreement is in another, and support resources (i.e., fonts, av legends, and ArcGIS layer files) in the remaining three folders. A folder on disc 2 (not on disc 1, as stated in the accompanying readme file) includes a 25 MB pdf file which is the "digital equivalent of a conventional printed geology map of southern Ontario" which may be viewed using Adobe Reader software.

ArcINFO coverages were created by the Ontario Geological Survey for all Quaternary maps covering southern Ontario; some of these maps were published as far back as 1952 although many were released in the 1980s and 1990s. Unpublished OGS and GSC maps at 1:50,000 for Owen Sound and for Toronto were also included in the compilation. A few smaller scale surficial geology maps were also used; for example, GSC Map 7-1972 at 1:125,000. Fieldwork was undertaken in 2001 and 2002 to collect data used in rectifying boundary faults and other problems. Provincial aerial photography was also used to assist in rectifying boundary problems. Supplementary data sources included: Aggregate Resources Inventory papers, Digital Elevation Models from the Ministry of Natural Resources, water well data from the Ontario Ministry of Environment, and Soil Survey maps provided by the Ontario Ministry of Agriculture and Food and by Agriculture Canada.



Surficial Geology: Primary materials west of Lake Ontario. Map view shows NTS number for selected tiles.

The metadata documentation provided with the geospatial data is detailed and comprehensive but is written in narrative, descriptive form; there is no compliance with recognized metadata standards published by FGDC or ISO. Worthy of note is the Project Summary and Technical Document (52 pages), compiled in 2003. Appendix A lists all map sources and references, Appendix B is an elaboration of the Provincial Legend (which categorizes surficial materials into 21 numbered classes, familiar to anyone who has worked with OGS paper maps), and Appendix F is a very detailed and useful glossary of terms (e.g., diamicton, glaciofluvial). There are other shorter text documents included on the two discs, but much of what these include seems to have been extracted from the Project Summary.

Some setup is required before one can begin to view the data. The publisher recommends copying the contents of one or both discs to a folder on one's hard drive. (It took me 7 minutes to copy the contents of disc 1, a total of 680 MB). I was then instructed to uncheck the Read Only attributes for each of the folders and subfolders. I ignored the instructions to install the fonts that are "required by ArcGIS" because I often experience difficulties with "administrative permissions" when I try to do installs. This did not seem to affect performance at all, and the text labels displayed as they should. Users are advised to use ArcGIS 8.x software to open the project file (map.mxd) in ArcMap. I had no difficulty doing this and the 18 layers appeared in the Table of Contents. I also had no difficulty working with the data using

ArcView 3.2; it is important however to load the appropriate legend file in order to display more organized displays of the data.

I found this to be an informative, easy to use resource which is certain to be in demand by data-seeking students at the University of Waterloo. The main concern I have has to do with the quality of the work done to rectify boundary problems; i.e., data errors across tile boundaries. Although I

was unable, fortunately, to find any examples of line or polygon features which mismatched across tile boundaries, I did find errors relating to the associated attributes. For example, I found polygons representing geological deposits which were attributed differently across a boundary; organic deposits, on one hand, and sand on the other. This kind of situation becomes immediately obvious as soon as one classifies the polygons by assigning unique values to a particular values field such as primary material. It was startling to find the Waterloo moraine terminate abruptly at the eastern edge of the Stratford map sheet and not continue as such onto the adjacent Cambridge sheet. Users of this product should be aware that geologic coverage of southern Ontario is not complete. There are areas where no surficial mapping has been undertaken; one such location is the Bruce Peninsula.

The CD-ROM includes a boilerplate license agreement which includes the usual assortment of restrictions and disclaimers. The Licensee may use and make copies of the product for its professional or non-commercial end-use only. The Licensee is required to display the following text on all reproductions of the product: Produced by (insert Licensee's name) under Licence with the Ontario Ministry of Northern Development and Mines "circle c" Queen's Printer for Ontario, 2003. Cautious purchasers of this product may wish to check with the folks in Sudbury for clarification but the Ministry has always in the past been willing to acknowledge the special needs of academic libraries with respect to the educational use by students and faculty of its licensed datasets.

Availability: Contact and ordering information provided at <http://www.mndm.gov.on.ca/mndm/mines/ims/pub/releases/2003/rn0310e.pdf>

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Selected World Mineral Deposits Database

R.V. Kirkham and A.B. Rafer, *Selected World Mineral Deposits Database*. Natural Resources Canada, Geological Survey of Canada, Open File 1801, 2003. [1 CD-ROM]. \$20 (Canada) or \$26 (outside Canada).

The *Selected World Mineral Deposits Database* is a part of the World Digital Map Project co-sponsored by the Geological Survey of Canada and ten exploration and mining companies. Additional data was supplied by collaborators in various countries.

The database contains records for 1,578 mineral deposits in 150 countries of the world. Commodities include precious metals, base metals, ferrous metals, rare earth elements, bauxite, uranium, diamonds, emeralds and industrial minerals. The database also includes information about the geological deposits in which the minerals are found, mine production and reserves including grade of ore, and an extensive bibliography.

The original data file is supplied on a CD-ROM in Microsoft Access database format (.mdb). The table is manageable in size, at 3.52 mb. There are no geospatial boundary files associated with this product, but the main data table (SWMD-Geodata2002) does include eight separate fields for degrees, minutes, seconds and direction for latitude and longitude. It was necessary to convert the Access database into Dbase IV (.dbf) format in order to display it using ArcView. And it was also necessary to convert the degrees, minutes and seconds into decimal units, and then to use the direction field to establish negative and positive numbers, in order to display the latitude and longitude coordinates as an event theme using ArcView. So if you are an ArcView user, this product is not a "straight out of the box" coverage. It will require a little bit of simple arithmetic processing before use. I edited the .dbf format table directly

inside ArcView, but you could do the same in MS Access if you are more familiar with that software.

The point cover generated is compatible with geographical base coverages from the ESRI ArcWorld dataset, and I used country boundaries, rivers and lakes from this source in order to provide a visual background for the *Mineral Deposits* data. Some of the attribute fields in the database (which can be displayed in map form using ArcView) include deposit types, size of deposit, geological information about the age of the deposit and of its host rock. The mineral commodity information is provided in two ways: as a string field which lists all the commodities produced by each mine site, and as eight individual commodity fields so that one could map all occurrences of a specific individual mineral or commodity.

There is no time coverage indicated for this database, and no indication of update intentions in the information provided with the product. A metadata document is supplied on the CD-ROM, which is quite helpful. It provides detailed information on attribute values as one might expect. The document format is of a text report, rather than any of the more technical metadata standards. However, it does not provide a guide to the mineral abbreviations used; apparently everyone in the mineral community knows what the commodity codes "Nb" and "PGEs" mean. So an abbreviations key was one aid which we have had to provide to accompany this product for our non-geological users. Another very valuable feature of the metadata document is an extensive bibliography, 65 pages in length. This offers to be a valuable research resource for students seeking further information on specific mineral deposits and mines.

There are several relational tables associated with the main mineral deposits database table on the CD-ROM, including one table (SWMD-PR) which describes Production and Reserves. This promised to be a very valuable addition to the product, as it includes dates for start and end of mine production, production statistics and the production grade of specific commodities. But the data is unfortunately quite incomplete in this table. For example 2,223 of the 2,325 records in this table have no year for start of mine production and 189 of 2,325 records have no production figure in metric tonnes. The date of the production figure provided is sometimes given in the Comments field, but frequently there is no

indication of the year to which the figure refers.

A few inconsistencies were noticed in the main Mineral Deposits database, such as an instance of a space before a commodity code and the use of both singular and plural name forms for the same mineral. These are not major, but would affect sorting and querying functions. Such minor errors were easy to edit when spotted. Another error of a more serious concern was the assignment of latitude and longitude coordinates to one Timmins mine which resulted in it displaying near Kingston. This did raise some concern about the accuracy of the geographical positions supplied, but a visual comparison to *Principal Mineral Areas of Canada* (Geological Survey of Canada Map 900A, 52nd edition, 2002) showed the other Ontario mines to be in roughly the expected positions. Surprisingly enough, there was not much correlation between the 12 locations listed for Ontario on the 2002 map and the 13 listed in the database; only 5 could be identified by company name and location to be exactly the same. The map purports to show “producing” mines, so perhaps this is the difference. The Production and Reserves table in the CD-ROM product indicates that 21 mines in Canada are inactive. However, neither the Mineral Deposits nor the Production and Reserve database table emphasizes company names, so it is possible that the mines are included but not easy to correlate to the named companies on the paper map.

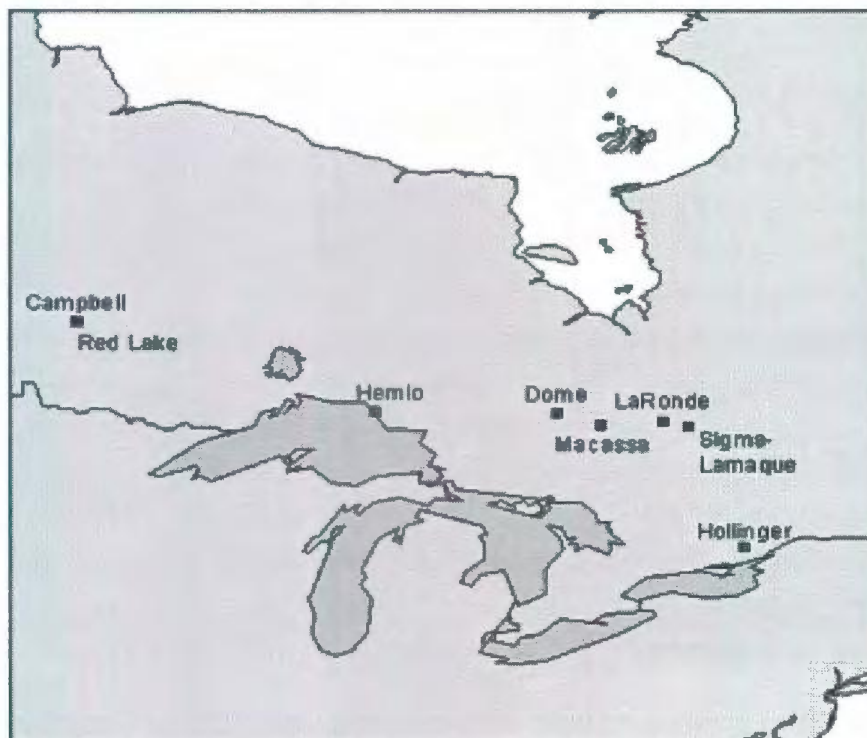
This dataset was obtained in the expectation that it will be of value for a marketing class who annually seek current information about world occurrences of specific minerals. As these are not map-makers or GIS users, we anticipate that the Library may have to provide some assistance in the querying and mapping of their specific minerals. Unfortunately, the assignment was over for this year before the data was ready for their use, so we will have to wait for next year to try it out on them. The data may be valuable for other users in geology and geochemistry, looking for patterns of occurrence. It is difficult without other reference material of equal currency to assess the completeness of the product, but in that sense this CD offers a valuable source of information

which is not otherwise available. Most economic atlases showing world mineral distribution are very dated indeed.

The CD-ROM includes a license agreement (readme.doc), which prevents the loan or distribution of this product. However, I think it is safe to assume that the agreement reached between the federal Depository Services Program and Natural Resources Canada supersedes this internal document. Libraries who are institutional depositories under this latter agreement may assume that the “License for the Use of Digital Geo-spatial Products” is in force for this dataset, as for any other Geological Survey of Canada digital products.

Availability: Contact information provided at http://www.nrcan.gc.ca/gsc/circ/month/ofiles_e.html#1801. GSC digital files are available without charge to full depository libraries under the Natural Resources Canada/Depository Services Program agreement.

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Sample map generated in ArcView 3.2 from the Selected World Mineral Deposits Database. This map was created by querying for all mines producing commodity Au (gold). The Hollinger Mine is actually near Timmins.

Review Guidelines for Geospatial Data Sets

Purpose:

The *ACMLA Bulletin* is proposing the publication of reviews of geospatial data sets:

1. To raise awareness of available GIS data sources. The data should be of interest to Canadian researchers in academic institutions, and available for educational use.
2. To help libraries share information on who has and is using particular datasets.

Guidelines for Reviewers:

Audience of the reviews = Canadian academic librarians interested in digital geospatial data collection and access (as subscribers to the *ACMLA Bulletin*)

Hardware/Software = Hardware should be assumed to be a Windows-based platform.

Data should be compatible with GIS systems common in Canadian academic libraries (eg. ESRI ArcView or ArcGIS, MapInfo)

1. Reviewer should install the entire data set being described, using any producer-supplied instructions. This is important to prevent improper file locations that may cause reported instability or errors.
2. Reviewer should load all data themes and use various features of the GIS software appropriate to manipulate and test the data (eg. overlay, measurement tools, tiling, querying, editing the data tables, etc.)
3. Reviewer should download and examine all associated metadata files.
4. Reviewer should use and evaluate any producer-supplied help files or tutorials.
5. Reviewer should ensure that the data set is available to other Canadian educational institutions, and that the contact information provided is appropriate and accurate. Do not review data sets received under private agreements that will not be extended to other libraries.
6. The review can be submitted in either Word or WordPerfect format. Images should be submitted as separate files (either jpeg or gif format) and not embedded in the text document. Please indicate the image placement in the document by inclusion of the filename at the appropriate position.

Suggested reference source: Decker, Drew. GIS Data Sources. (NY: John Wiley & Sons, 2000). ISBN 0471355054. E-Book ISBN 0471437735.

Elements to be Included in the Review:

(Not every element will apply to every data set. Not every element will be available or known. These elements should be included if possible and if relevant.)

Elements	Specific Issues to Address
Citation	<ul style="list-style-type: none"> • Full title of the data set • Name of the producing agency or creator • Date of production or release • Delivery format • Price information • Contact information (of vendor or distributor)
Description	<ul style="list-style-type: none"> • Overall description of the data set, subjects or themes covered • Purpose of its creation, intended audience or use • Authority of the data producer • What "framework features" or base map layers are included (eg. country/regional boundaries, hydrogeography, transportation features) • Specific coverages of interest, unique coverages included
Technical Specs	<ul style="list-style-type: none"> • Data format • Scale or level of detail • Projection • Date of creation • How created and from what sources (eg. digitized, scanned, updated from earlier file) • Time coverage • Update intentions • Delivery methods • Number and size of files (compressed and expanded) • Minimum software/hardware requirements
Help	<ul style="list-style-type: none"> • What help tools are available, format and description • Who is the intended audience (level of technical expertise) • Assessment of their usefulness • Anything that doesn't work?
Metadata	<ul style="list-style-type: none"> • What metadata is supplied, format and description • How comprehensive is the metadata - does it include all fields and attribute values • Is it compliant with a specific metadata standard? (eg. FGDC)
Analysis	<ul style="list-style-type: none"> • Overall assessment of the value of this data • Comparison to other similar data sets, any advantages and disadvantages • Anything that doesn't work, doesn't appear as described • Attributes that would add value or improve functionality • Anything that will require library explanation, support, modification • Examples of educational uses or applications (real ones known to you or speculated examples)
Licensing	<ul style="list-style-type: none"> • Anything variant from standard educational license • Fees involved • Record keeping involved • Specific wording for citation suggested • Format specification for raster images
Sample Image(s)	<ul style="list-style-type: none"> • You may include sample screen capture(s) of any significant aspect of the data set being reviewed • Each image should have an appropriate caption
Reviewer Info	<ul style="list-style-type: none"> • Your name, institution and email address • Software/hardware used in review

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ACMLA Bulletin Number 118

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Cite Universitaire
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Toronto, ON M5S 1B3

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Burnaby, BC V5G 3H2

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England

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1001 E Wooster St.
Bowling Green, OH 43403-0177
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Acquisitions Unit (DSC-AO)
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Wetherby – W Yorks LS23 7BQ
England

British Library
Map Librarian
96 Euston Road
London, NW1 2DB
England

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St. Catharines, ON L2S 3A1

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Carleton University
1125 Colonel By Drive
Ottawa, ON K1S 5B6

City of Toronto Archives
255 Spadina Road
Toronto, ON M5R 2V3

Map Library
Clark University
950 Main Street
Worcester, MA 01610-1400
U.S.A.

Cleveland Public Library
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17133 Lake Shore Blvd.
Cleveland, OH 44110-4006
U.S.A.

ACMLA Bulletin Number 118

Commission de Toponymie du Québec
Edifice Marie-Guyart
Aile René-Lévesque
1060, rue Louis-Alexandre-Taschereau,
4e étage
Québec, QC G1R 5V8

Acquisitions Services - Serials
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Room 110, Olin Library
Ithaca, NY 14853-5301
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Library and Information Centre
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Agency
Defence Geographic Centre
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Feltham Middlesex TW13 7AH
United Kingdom

Dalhousie University Libraries
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Halifax, NS B3H 4H8

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Duke University
Campus Box 90177
Durham, NC 27708-0177
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Library
Geological Survey of Canada
601 Booth Street
Room 350
Ottawa, ON K1A 0E8

Serial Records Division
Harvard College Library
Cambridge, MA 02138
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Hydro-Québec, Ingénierie
Approvisionnement et construction
Direction Environnement et services techniques
Géomatique, relevés techniques et gestion des données
Gestion des données et des documents
Cartothèque, a/s Michel Robert
855 Sainte-Catherine est, 3e étage
Montréal, QC H2L 4P5

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Springfield, IL 62701-1703
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Parc de Montjuïc
08038 Barcelona
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3459 McTavish Street
Montréal, QC H3A 1Y1

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Bibliothèque
C.P. 1200, Succ. "A"
Montréal, QC H3C 2Y9

National Archives of Canada
Library, Room 132
344 Wellington, St.
Ottawa, ON K1A 0N3

National Library of Scotland
Acquisitions Unit
George IV Bridge
Edinburgh EH1 1EW
Scotland

National Library of South Africa
Periodicals Section
P.O. Box 397
Pretoria 0001
South Africa

New Brunswick Museum
Archives and Research Library
277 Douglas Avenue
Saint John, NB E2K 1E5

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P.O. Box 2238
New York, NY 10017
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Chicago, IL 60610
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Northwestern University Libraries
Serials Department / Z1671
Evanston, IL 60208
U.S.A.

Ohio State University Library
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120 Metcalfe Street
Ottawa, ON K1P 5M2

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University Park, PA 16802-1808
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Toronto, ON M5B 2K3

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Australia

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328 Swanston Street
Melbourne, Victoria 3000
Australia

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Toronto, ON M4W 2G8

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Bata Library
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Peterborough, ON K9J 7B8

U.S. Geological Survey Library
Natl Ctr MS 950
12201 Sunrise Valley Drive
Reston, VA 20192-0002
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Univ Autonoma de Madrid-Btca. Humanidades
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Ciudad Univ de Cantoblanco
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Spain

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Bibliothèque Champlain
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Cartothèque de Géographie
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Montréal, QC H3C 3J7

Cartothèque
Université de Sherbrooke
Sherbrooke, QC J1K 2R1

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Chicago, IL 60680-8198
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Australia

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170 Wilson
Minneapolis, MN 55455-0438
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Harriet Irving Library
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Durham, NH 03824-3592
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Chapel Hill, NC 27514
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Knight Library
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Eugene, OR 97403
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University of Ottawa Library System
Acquisitions Department
PO. 700322
65 University Street
Ottawa, ON K1N 9A5

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St. Lucia Campus
University of Queensland
St. Lucia, QLD 4072
Australia

Map Library
Department of Geography
University of Regina
Regina, SK S4S 0A2

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University of Saskatchewan Library
3 Campus Dr.
Saskatoon, SK S7N 5A4

Library, Room 404
Faculty of Information Studies
University of Toronto
140 St. George Street
Toronto, ON M5S 3G6

Serials Department
University of Toronto Library
Toronto, ON M5S 1A5

McPherson Library
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University of Victoria
P.O. Box 1800
Victoria, BC V8W 3H5

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University of Western Ontario
London, ON N6A 5C2

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Windsor, ON N9B 3P4

Department of Geography
University of Winnipeg
515 Portage Avenue
Winnipeg, MB R3B 2E9

Geography Library
University of Wisconsin, Madison
550 N. Park Street
Madison, WI 53706-1404
U.S.A.

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350 West Georgia St.
Vancouver, BC V6B 6B1

Huxley Map Library
Western Washington University
Bellingham, WA 98225-9085
U.S.A.

Library - Periodicals
Wilfrid Laurier University
Waterloo, ON N2L 3C5

Map Collection
Department of Geography & Environmental Studies
Wilfrid Laurier University
75 University Ave. W.
Waterloo, ON N2L 3C5

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Yale University Library
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New Haven, CT 06520-8240
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INTERNATIONAL CARTOGRAPHIC ASSOCIATION MEETING IN SOUTH AFRICA 2003: MY REPORT

Alberta Auringer Wood
ICA Immediate Past Vice President (Canada)

My final participation as a member of the Executive Committee of the International Cartographic Association began in Cape Town on August 3rd, after a travel experience of two overnight flights from St. John's with a stop in London in-between. Cape Town offers a very dramatic appearance in its physical setting at the base of Table Mountain and at the shore of the Atlantic Ocean very near where it meets the Indian Ocean at the Cape of Good Hope.

The meetings attended there were those of the History of Cartography Commission organized by Dr. Christopher Board (Commission Chair) and Elri Liebenberg (ICA Vice President and liaison to the Commission) held at the National Library of South Africa and of the Commission on Cartography and Children held at the Directorate of Surveys and Mapping in Mowbray (organized by Dr. Jacqueline Anderson (Commission Chair) and Dr. Patrick Wiegand (incoming Commission Chair), a suburb of Cape Town. The first meeting was attended by about 30 people from South Africa, Great Britain, United States, Canada, Germany, Netherlands, Switzerland, Croatia and Australia. The topics concentrated on ones relating to South Africa, and you may see the preliminary programme on the Commission web page (<http://www.stub.unibe.ch/ica-chc/index.html>). Presenters were:

- Norman Etherington, Department of History, University of Western Australia
- Mirela Slukan Altic, Head, Institute of Archivistics, Historical Ancillary Science and Filmology, Zagreb, Croatia
- Gerald J Rizzo, AFRITERRA Foundation, Boston MA
- Ferjan Ormeling, Secretary-General of the ICA and Professor of Cartography, Faculty of Geographic Sciences, Utrecht University, The Netherlands
- Diane Butler, Associate Curator/Collections Manager, Picker Art Gallery, Colgate University, Hamilton, NY
- Harry Steward, Graduate School of Geography, Clark University, Worcester, MA

- Lindsay F Braun, PhD Candidate and Fulbright Fellow, Rutgers University, New Brunswick, NJ
- Elri Liebenberg, Emeritus Professor of Geography and Environmental Studies, University of South Africa, Pretoria
- Christopher Board, Commission Chair and formerly, Professor, London School of Economics, London, UK
- Lindy Stiebel, Professor of English Studies, University of Durban-Westville, Durban and
- J.A. (Andre) Jacobs, Lecturer, Military Geography Subject Group, School of Geospatial Studies and Information Systems, Faculty of Military Science, University of Stellenbosch.

Other interesting aspects were an opening address by the Speaker of the South African Parliament, the Hon. Frene Ginwala, on her interests in mapping of South Africa and noting a 1389 Chinese map that showed Africa and that was reputed to be the oldest world map to do so in a recognizable manner; an exhibit of early maps of Africa at the National Library; and a tour of the Parliamentary Millennium Project (see their website at <http://www.pmpsa.gov.za>) in the Houses of Parliament. A facsimile of the Chinese map, as well as reproductions of two other early maps (1402 and 1420), were on display, along with three rotating physical globes of the earth with three different orientations, a standard one with the Arctic at the top, one with the Antarctic at the top, and one with it in the middle, as well as other interesting maps. These globes provided alternative perspectives to the usual "north at the top" view of our world! The exhibit at the National Library of South Africa emphasized the cartography of Southern Africa up to about 1920, when the South African Trigonometrical Survey was established. This exhibit drew on maps from the South African Archives (Cape Archives Repository) and the South African National Library, and was prepared by Margaret Cartwright, former Map Librarian at that library. There was a day tour to the wine and fruit

growing area near Cape Town. This included stops at Zevenwacht Wine Estate, Stellenbosch, Laborie Wine Estate, Paarl, KWV (wine cooperative shop), a monument to the Huguenots, Boschendal, and Franschoek, with several opportunities for tasting wine, spirits, and food along the way.

The second meeting was attended by about a dozen Commission on Cartography and Children members, as well as a number of local people, with nearly all of commission members giving presentations on their work. Lorraine Innes and Brian Engel spoke on the Map Aware Program which is geared to teachers. Jackie Anderson talked about an electronic atlas of Quebec. Eva Michaelidou gave a presentation of the development of children's mental maps of Greece. Reinhard Herzig noted an evaluation of the Barbara Bartz Petchenik Competition in Germany. I was able to attend most of the first day of the two day session.

It was on to Durban on the afternoon of August 7th, with Executive Committee meetings on the 8th and 9th, a meeting for Commission Chairs on the 9th, and the first General Assembly meeting all day on the 10th. The conference sessions began on the 11th. The final General Assembly was held on the 16th, followed by the Closing Ceremony. As for the two described Commission meetings, nearly all the other Commissions held meetings or mini-conferences before the main one, either in Durban or elsewhere in South Africa, as well as business meetings during the conference. There were 810 participants, including 647 full delegates, 64 accompanying persons, 49 students, and 26 commercial exhibitors, at the conference from 48 countries with seven (7) delegates being from Canada. These were Peter Keller (University of Victoria) as Head Delegate and paper presenter; Fraser Taylor (Carleton University), as a Past President of ICA, session chair, and a paper presenter; R L. Pulsifer (Carleton University) as a paper presenter; Jacqueline Anderson (Concordia University) as Deputy Delegate, paper presenter, session chair, and Commission Chair; myself as current ICA Vice President (Memorial University); Eva Siekierska (Natural Resources Canada) as the lone government employee and member of a commission; and Hansgeorg Schlichtmann (University of Regina), as a paper presenter and co-chair of a commission. The largest contingent, not surprisingly, was from South Africa, numbering about 250 people from national, regional, and city

government agencies, universities, surveying and mapping firms, map publishers, and other companies. The delegates from other countries represented a similar broad diversity. The venue was a terrific one for such a meeting. There were generally four concurrent sessions through the week, with excellent support for the technical aspects of presentations. Staff were always on hand to deal with any problems that arose and accommodated various presentation set-ups. A special speaker preparation room allowed presenters to load "power-points" onto computers in advance, as well as to load slide trays, and check them too. Internet access was available in each presentation room, so that speakers could demonstrate websites on a live basis.

The exhibit area was spacious and housed the technical exhibits of nearly 30 government agencies, mapping firms and publishers, as well as the maps sent by 33 countries that represented the best of their output over the past two years, a United Nations Special Exhibition on Geographical Names, an International Hydrographic Organization exhibit of nautical and marine charts, an exhibit of mapping of South Africa during the 20th century, and the entries from thirty-one countries for the Barbara Bartz Petchenik Children's Map Competition. There were a volume of abstracts of papers, a final program, and an exhibit catalogue issued in paper, with the proceedings being on a CD-ROM that included the papers submitted, as well as images from the International Map Exhibition and the Barbara Bartz Petchenik Children's Map Competition where available. There were 825 maps and atlases on display, among them were 33 Canadian items. Among the cartographic items, there were 37 multimedia entries from 12 countries for which there was a special viewing booth. Canada had six entries in this category. The number of maps submitted by countries ranged from two from Portugal to 84 from Russia, with Spain and the United Kingdom close behind with 82 each. The only other countries exhibiting more than 40 maps were Poland (46) and the United States (58). An international panel of judges choose ones that they thought were best in the categories of topographic maps, multimedia presentations, relief models, satellite images, scientific, tactile, urban, other, atlas, and parks/recreation. Winners were from Norway, Spain, USA, Switzerland, Germany, Australia, France, Slovenia, Russia, and the Czech Republic.

In the Barbara Bartz Petchenik Children's Map Competition, there were nearly 160 entries of which 144 were judged. The winning entries came from Belarus, Brazil, Bulgaria, Canada, Hungary, Indonesia, Italy, Poland, South Africa and the United Kingdom. Judges did not evaluate maps from their countries of origin, as well as abstaining from votes on those continental groupings containing them, in the case of the Children's maps competition. There are separate reports on the details of each competition.

The oral presentation sessions numbered 66, with there being 256 speakers, while there were also 12 poster sessions containing about 180 posters. The meeting began with an opening ceremony on Monday morning and plenary sessions on Monday afternoon. The keynote was a very interesting one on the important and imaginative cartographic work that went into the preparations for the first democratic elections to take place in South Africa in 1999 and given by Justice Johann Krieger who recently retired from the Constitutional Court of Appeal and headed the independent electoral commission. There were talks by Vanessa Lawrence, director of the Ordnance Survey of Great Britain; Haggai Nyapola, surveyor general of Kenya; Yang Kai of China; Jack Dangermond, head of ESRI; and Bengt Rystedt, ICA President. This latter talk was on the strategic plan for ICA which was later adopted by the General Assembly.

Topics of the concurrent sessions included:

- organization and policy issues in cartography,
- spatial data capturing
- theoretical cartography
- cartographic visualization
- cartography and development
- mapping from satellite imagery
- education and training in cartography
- spatial data standards
- cartographic generalization
- Internet cartography
- spatial data infrastructure
- cartography and land tenure
- spatial data sharing
- census cartography
- cartography and children
- national and regional atlases
- hydrological mapping

- electronic atlases
- marine cartography
- historical cartography
- cartography for the visually impaired
- mountain cartography
- new cartographic systems and products
- map production
- planetary cartography
- applied cartography and GIS
- geo-spatial database development
- map symbology
- cartographic animation
- cartographic labelling
- time and space in cartography
- spatial data warehousing
- place names
- cartography and virtual reality
- thematic mapping
- map projections, and
- mobile cartography.

These offered a very diverse range of topics in the cartographic area, with the poster papers providing a similar diversity. A useful innovation was having a half hour session during each poster display when the poster presenters could give introductions to their work. While there were still a few problems with presenters not being on hand, even though registered at the conference in some cases, most sessions went off without difficulties. Some last minute shifts of a person from one session to another did occur.

During the conference there were a number of social events which were well attended. These included an African Fun Night in a huge tent like that for a circus, with a buffet of regional dishes and barbecued beef, chicken, and lamb. Entertainment included a ballroom dancing couple with a Latin flavour and a native cultural group. This was followed by a general dance. Another event was a reception hosted by the mayor of Durban in the exhibit hall where there were also buffet lunches served on a daily basis. A gala dinner was held in the conference centre on Thursday night which included an excellent dinner, several speeches, and one medal presentation. In addition, there were sightseeing tours of varying length, including both pre- and post-conference ones to view South African flora and fauna, as well as the city of Durban.

The results of the Executive Committee and General Assembly sessions will be reported in full in another venue, but I will mention a number of highlights. The strategic plan was approved by the General Assembly on August 16th after discussion at the first general assembly and presentations by Michael Wood and Bengt Rystedt. ICA Honorary Fellowships were approved for Liao Ke (China), Harold Moellering (USA), Sjef van der Steen (Netherlands), Ulrich Freitag (Germany), Andrzej Czolkosc (Poland), and Istvan Klinghammer (Hungary). Presentations were made at the conference to Liao Ke, Hal Moellering, and Sjef van der Steen. Re-admitted to membership was the country of Kenya, while Lithuania, Mozambique, Cameroon, and Ecuador were admitted as new members. Some members were added to the list of countries ruled ineligible to vote due to non-payment of dues over a lengthy time period, such as Albania, Estonia, Nigeria, Qatar, Sudan, and Ukraine. Membership was withdrawn from Azerbaijan, Belarus, Cyprus, Philippines, and Uganda. New affiliate members approved were Union of Chambers of Turkish Engineers and Architects - Chamber of Survey and Cadastre Engineers (Turkey), Indian National Cartographic Association (India), ESRI (USA), Navigation Technologies (the Netherlands), RCMRD (Regional Centre for Mapping of Resources for Development) in Nairobi, Kenya, and RECTAS (Regional Center for Training in Aerospace Surveys), Ile Ife, Nigeria. Withdrawing as affiliate members were the Hellenic Cartographic Society, which has become the national representative for Greece, Elsevier Science Limited (UK), Heritage Documents and Manuscripts Centre (Kuwait), Tokyo Inshokan Printing Company (Japan), and Aero Sensing (Germany).

Plans are underway to adopt memoranda of agreement with three cartographic journals to publish ICA papers in special sections of the journals. The balanced budget for the period 2003-2007 was approved without an increase in member country dues. Graciela Metternicht was reappointed as the editor of the *ICA News*. It was voted to re-elect the current auditors, Judy Olson (USA) and Jaume Miranda (Spain), for the next term. Commission Chairs elected by secret ballot (with name of commission in parenthesis) were Eva K. Blum (Gender and Cartography), Ron Furness (Marine Cartography), Lorenz Hurni (Mountain Cartography), Serge LeBlanc (Mapping from

Satellite Imagery), Alan MacEachren (Visualization and Virtual Environments), Hal Moellering (Spatial Data Standards), Michael Peterson (Maps and the Internet), Kira Shingareva (Planetary Cartography), Timothy Trainor (National and Regional Atlases), Alexander Wolodtschenko (Theoretical Cartography), Anne Ruas and William Mackaness (Generalization and Multiple Representation), Laszlo Zentai (Education and Training), Philippe De Maeyer (Management and Economics of Map Production), Alexei Postnikov (History of Cartography), Antony Cooper and Ammatzia Peled (Incremental Updating and Versioning), Patrick Wiegand (Cartography and Children), Daan Strebe (Map Projections), Takashi Morita (Ubiquitous Mapping), and Jonathan Rowell (Maps and Graphics for Blind and Partially Sighted People).

After the General Assembly approved having seven Vice Presidents, the following were elected by secret ballot: William Cartwright (Australia), David Fairbairn (UK), Ramón Lorenzo (Spain), Robert McMaster (USA), Haggai Nyapola (Kenya), Vladimir Tikunov (Russian Federation), and Kirsi Virrantaus (Finland). Re-elected by acclamation to a second term as Secretary General and Treasurer was Ferjan Ormeling. Milan Konecny (Czech Republic) who had just finished his second term as a Vice President was elected as President, also by secret ballot. These officers will serve for the term of 2003 to 2007. A meeting of the new Executive Committee was held immediately following the closing ceremony. It was approved to hold the 13th General Assembly and the 23rd International Cartographic Conference in Moscow in early August of 2007. Members of the Spanish delegation gave a presentation on and invitation to attend the 22nd International Cartographic conference in La Coruña from July 9-16, 2005 with an introduction to their web site for the conference: <http://www.icc2005.org/>. The theme for the conference is "Mapping approaches into a changing world" and the logo is very imaginative! Dr. Christopher Board gave words of appreciation on behalf of all to the Durban conference organizers. The closing ceremony was held after lunch and included presentation of the conference awards, closing remarks by the ICC 2003 Chair and the ICA President, presentation of the new Executive Committee, presentations by both Spanish and Russian delegations, and the handing over of the ICA flag to ICC 2005.

**RESULTS OF THE JUDGING OF THE
INTERNATIONAL CARTOGRAPHIC EXHIBITION
DURBAN, 2003**

OFFICIAL JURY:

Chair: William Cartwright (Australia)
Secretary: Magda Roos (South Africa)

Anne Hegner (Sweden)
Cindy Brewer (USA)
Kira Shingareva (Russian Federation)

Takashi Morita (Japan)
Chris Board (UK)
Li Li (China)

RESULTS: JURY

<u>CATEGORY</u>	<u>COUNTRY</u>	<u>TITLE</u>
Topographic	Norway	County Map of Rogaland
	Spain	Map of the Autonomous Region of Valencia
	Spain (Highly commended)	Guide Map of Sierra Nevada – ‘Las Alpujarras’
Multimedia	USA	Atlas of Oregon
	Switzerland	Atlas of Switzerland – Interactive 2
Relief Model	Spain	Relief Map of Iberian Peninsula, Balearics and Canary Islands
	Germany (Highly commended)	True 3D Map of Granatspitz Massif, Salzburg Alps, Austria
Satellite image	Australia	Satellite Image of Australia – Landsat 7
Scientific	France	International Metallogenic Map of Africa
Tactile	Slovenia	Tactile Map of Ljubljana City
Urban	Spain	Urban Topographic Cartography
Other	Russia	Map of Russia
Atlas	Czech Republic	Atlas of Prague – Integrated city transport
Parks & Recreation	Germany	Cycle Map Usedom/Wollin

RESULTS: DELEGATES

<u>CATEGORY</u>	<u>COUNTRY</u>	<u>TITLE</u>
Atlas	China	Atlas of the Contemporary History of China
Multimedia	Switzerland	Atlas of Switzerland – Interactive 2
Parks & Recreation	Switzerland	Alps without Frontiers no. 16 “Petit St. Bernard/Mont-Blanc”
Relief Model	Spain	Relief Map of Iberian Peninsula, Balearics and Canary Islands
Satellite Image	USA	Nighttime Lights of the World 1994-95
Scientific	Spain	European-Mediterranean Seismic Hazard Map
Topographic	Spain	Guide Map of Sierra Nevada – ‘Las Alpujarras’
Urban	Poland	Berlin

**BARBARA BARTZ PETCHENIK
CHILDREN'S MAP COMPETITION
2003 REPORT**

Submitted by Alberta Auringer Wood

The Judging Committee consisted of Jacqueline Anderson (Canada), Elri Liebenberg (South Africa), Chris Vlok (South Africa), Patrick Wiegand (United Kingdom), and Alberta Auringer Wood (Canada). A total of 31 countries participated, as follows:

Argentina, Croatia, Iran, Slovakia, Australia, Czech Republic, Israel, South Africa, Belarus, Finland, Italy, Sri Lanka, Brazil, Germany, Japan, Sweden, Bulgaria, Greece, Netherlands, United Kingdom, Canada, Hungary, Norway, United States, Chile, India, Poland, Yugoslavia, China, Indonesia, Russia

While there were nearly 160 maps submitted, only 144 were judged. The maximum allowed per country was five. As Chile had submitted 18 entries, the delegate from that country selected five to be judged. All those received properly were displayed. Several countries only submitted one or two maps. Several maps were eliminated from judging because they were larger than the format allowed by the guidelines, had been submitted too late, or were submitted to the wrong place.

There were five continental categories chosen for awards. These were North America (1 award, 2 countries), South America (1 award, 3 countries), Europe and the Middle East (6 awards, 20 countries), Africa and Australia (1 award, 2 countries), and Asia (1 award, 4 countries). As well, the entrants were divided into age groups with a minimum of two awards in each group for this competition, but sometimes there has been only one in an age category. The age groups and awards in them were: under age 9 years (2 awards), between ages 9 and 12 (3 awards), and between ages 13 and 15 (5 awards). Not too surprisingly, there were more submissions in the older categories and more skilled presentations.

The winners were from Belarus, Brazil, Bulgaria, Canada, Hungary, Indonesia, Italy, Poland, South Africa and United Kingdom. The specific maps are

as follows, giving country, the code as noted in the exhibit catalogue, the map title, the name of the child, age, and school.

Belarus (bw1)

Title: Economical threatens for the children's life

Name: Atayan Samvel, Age: 14

School: Gorodetskaja Street 14, Minsk, Belarus

Brazil (bl3)

Title: It only depends on us! The world is in our hands

Name: Tércio Silote, Age: 14

School: Interlagos

Bulgaria (bu2)

Title: The children and flowers will make a better world

Name: Leny Vladimirova Mircheva, Age: 11

School: Drawing School 'Spectar', Sofia, Bulgaria

Canada (cn2)

Title: United pieces

Name: Rachelle Domingo, Michael Estalilla, Argielica

Jumarang, and Catherine Ambicki, Age: 13-14

School: St. Philip School, Mississauga, ON

Hungary (hu3)

Title: Preserve earth for future generations!

(Pandaworld is a better world for children)

Name: Gabriella Fink and György Viszti, Age: 12

School: Béry Balogh Ádám Secondary School, Tamási

Indonesia (io4)

Title: Keep on the world and its content, don't break up by war!

Name: Nayafakda Ihsania, Age: 8

School: Muhammadiyah Sapen Elementary School, Yogyakarta

Italy (it3)

Title: Children united round the world for a brighter future

Name: Alessia Del Lungo, Age: 6

School: Scuola Elementare 'Villa San Lorenzo', II A, Sesto Fiorentino, Firenze

Poland (pl1)

Title: How good with parents

Name: Patrycja Matuszewska, Age: 12

School: Szkoła Podstawowa im. Stefana Batorego, Leszno

South Africa (sa5)

Title: Making a better world for children

Name: Ilse Wiehahn, Age: 15

School: Menlo Park High School, Pretoria

United Kingdom (uk5)

Title: For the children, make our world a better place

Name: Ben Hankins, Age: 14

School: Brandon Forest School

In addition, there was a public vote by any visitors to the exhibit. This was separate from the Judging Committee, and ballots were available in the map display area. 135 ballots were received. Those receiving the greatest number of votes in each age category were as follows:

UNDER AGE 9

Brazil (b15)

Title: Human beings, signs of equality

Name: Jhonatan Costa Batista, Age: 4

School: Santo Andre, SP

AGE 9 - 12

Russian Federation (ru2)

Title: Cherish our nature

Name: Zhenya Vidyapina, Age: 12

School: Moscow Academic Art Lyceum of Russian Art Academy, Moscow

AGE 13 - 15

Belarus (bw1)

Title: Economical threatens for the children's life

Name: Atayan Samvel, Age: 14

School: Gorodetskaja Street 14, Minsk, Belarus

UNTIL THE NEXT COMPETITION THANKS TO ALL ENTRANTS!

The Judging Committee and the ICA Executive Committee wish to thank all the member nations and their children who prepared submissions. Please begin planning for the competition in 2005. Remember that guidelines will be found on the Internet on the ICA web site: <http://www.icaci.org/> as will links to reproductions of winners of past competitions.

Postscript:

The 2003 submissions web page is at <http://www.icaci.org/petchenik2003/>

The 2003 prizes thumbnails are at <http://www.icaci.org/petchenik2003/files/prizes.html>



"United Pieces" - Canadian winner in the Barbara Bartz Petchenik Children's Map Competition 2003.



Great Canadian Mapping Challenge Scholarship

DMTI Spatial is pleased to announce that we are launching our scholarship program called the “**Great Canadian Mapping Challenge**”. We are very proud of this latest program, which is part of a series whereby DMTI is giving back to the community. The **Great Canadian Mapping Challenge** is our way of supporting students at those universities and colleges who have subscribed to our SMART program. Four scholarships will be awarded based on the recommendations of a review panel. There will be 3 undergraduate and 1 graduate awards.

We are awarding a total of \$10,000

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Second prize - \$2500
Third prize - \$2000

Graduate Prize

First Prize - \$2500

Students across all disciplines are invited to submit a paper that uses Geographic Information System (GIS) tools as well as DMTI Spatial datasets. These datasets are made available to students through our SMART (Spatial Mapping Academic Research Tools) program. The aim of SMART is to provide affordable access to data in support of social science, research, business, health, environmental, geographic and educational programs. The DMTI SMART program provides over 40 participating colleges and universities with an enterprise wide site license to use the data for teaching and research purposes. All students attending a registered SMART facility are eligible to submit their papers to this scholarship.

The submission deadline is April 30, 2004. Papers will be reviewed by June 30, 2004 and scholarships awarded in July 2004. The program will run annually.

For more information please contact:

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