

Newsletter of the Canadian Cartographic Association
Bulletin de l'Association canadienne de cartographie

CARTOUCHE

Number 66 ▲ Summer 2007

President's Message



How do you fill the shoes of those Presidents who have come before you and done so much for the CCA? Easy. You don't even try. With that said, I do want to take this first note "from me to you" and suggest a few things and muse about a few others. First of all, we need to reach out and encourage current, past and potential members to join or remain as members and to support the CCA through work on our various groups and committees. I guess the jaded view would be that I ask for a renewal of membership (dare we call it a "Drive") so that we can increase our numbers, be a bigger association with more money and influence and increase our standing among our sister societies. Ok, all

those are valid, but they are certainly not the reasons I am thinking of nor promoting. We need members to stay with us and continue to find ways to support those functions of the CCA that "give back" to the wider cartographic community. What I would include among these functions is our work with others in furthering the goals of the association and in communicating the value of cartography – not just in terms of a part of wider enterprises like geomatics, but as a discipline unto itself. Short answer? We need to get our message across that cartography is more important than ever because we have moved to an online "experience" of geography and all things spatial. In all the ways that we can support that primary effort, most important of all is having members who can do the work to create that message and get it out to the wider audience outside (or inside?) the CCA.

Secondly, I believe we must enhance our networking with other associations in areas that can more generally be called lobbying, but which should really be called collaboration (or competitive collaboration). Our good friends at ACMLA and CAG can use our advice and support, as we can use theirs. Our joint communities, of which some of us are members of almost all associations, really do focus on the spatial or geographic, and from a technical and theoretical standpoint with education (communication and learning) being the key sector.

Thirdly, I think members have to talk to their executives and members of study groups and committees. There is no way one can do a good job or the right job if there is little direction and/or communication of desires from the members who more often than not really do know more about what is going on and what we should focus on.

Fourthly, and finally, I think we need to couch all that we do into a grand vision which can be simply stated and communicated and that focuses on a key or pressing issue. My sense is that the online trends towards accessing spatial information will (a) continue and (b) become more pervasive and sophisticated. The paper map is not dead nor will it be in my lifetime. However, more and more people seem to think it is

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Canadian Cartographic Association

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passé – and worst of all, more and more people do not know what a good, correct or useful map is. Cartography, to paraphrase Mike Goodchild, is more important than ever, but you would never know it. We need to become the voice that speaks to the questions raised by a larger cartographic presence in our mainstream media and online tools that we use. We have the authority in that we do represent cartography in Canada. We now need to translate that imprimatur and gravitas into a more balanced discussion (or at least a discussion begun!) about the nature of online spatial communication. Also, for this we need to work with our sister societies, and we need members – period.

I know these are broad statements and may either be cliché or simply platitudes (we have enough of that in politics already). I do believe that there is both a great amount of work and a really critical reason for doing it. Cartography and the CCA are alive, important and will be around for a long, long time. The vitality and understanding are others questions that really must be dealt with. I hope that is blunt.

I can't wait to hear from people and get an infusion of ideas. You can bet there will be a few notes from me on the CCA list. I really do hope people use that to talk about "news" items that should really end up in *Cartouche*, but also issue based ideas and solutions. An association without open and plentiful communication is merely a mailing list and an auditor showing how many people and dollars are on the books. My CCA, your CCA, our CCA is so much more than that – and that is the way it should be.

James Boxall

CCA President



WELCOME NEW MEMBERS !!

Nancy Bellegarde	Saskatoon, SK	Canada
William W. Crumplin	Sudbury, ON	Canada
Wesley Jones	Calgary, AB	Canada
Cynthia Prostack	Lawrencetown, NS	Canada
Institute of Ocean Sciences (Fisheries and Oceans Canada) Sidney, BC		Canada



FROM THE EDITORS

The post-conference issue... The week spent in Saskatoon is becoming a distant memory of time well spent. The campus of the University is beautiful – even in the rain! The city of Saskatoon – at least what I saw – is also quite beautiful. A great venue for our conference. Many thanks go out to Elise Pietroniro and her “crew” for putting on a very well organized and interesting conference. Elise, I hope you are caught up on your sleep!

While the number of people that descended on Saskatoon during the last week of May was astronomical, the number of CCA members was low. Nevertheless, it was a good time. Diana and the U of S orienteering group put on a great event. Alberta and I were happy to have Elise with us for a quick turn around the campus. It was a lot of fun and we hit most of the stations. Having someone who knew their way around was a bonus! During the event, we thought we should have had Cliff meet us on the course with refreshments. We will have to remember that for next year! The sun came out (so the rain stopped) and everyone returned smiling albeit slightly muddy and no one was carted off by the hordes of mosquitoes that greeted us once we stopped moving!

I attended the “Moving Maps” workshop which was very informative and a lot of fun. The organizers were quick on their feet to compensate for the rain. I still chuckle when I think of the van driving around Saskatoon filled with people, laptops on their laps, watching the city go by on the computer screen. It was a sight!

The conference sessions were varied and quite interesting. I was particularly interested in the concept of mapping people's history. It wasn't a conventional map that comes to mind for most people, but a map nonetheless. It was also really good to see partnerships forming and being fostered as is the case between the City of Saskatoon and the University in regards to GIS, its implementation and use.

So, for those who weren't able to make the conference, sit back and enjoy this issue. We are always open to suggestions/comments regarding *Cartouche* and even more open to contributions. Our addresses are on the back so feel free to contact us. This is your newsletter. The deadline for contributions to the next issue of *Cartouche* is September 7th, 2007.

Enjoy the rest of the summer. Happy reading!

Lori King, co-Editor

LETTERS TO THE EDITORS



- from Henry Castner

The Christian Science Monitor, an otherwise sensible and informative newspaper, recently (13 July 2007) published some items from an Abridged Dictionary of unfamiliar terms that are self explanatory, like

"**penultimate**" [the supreme writing instrument] and "**dreadnought**" [the fear of the zero].

In the "I'm not sure I want to hear anymore of this" category, there are some mapping related terms such as

"**photosynthesis**" [the act of combining pictures], "**gyroscope**" [an instrument for examining sandwiches], and (I'm so sorry) "**cartographer**" [a photographer specializing in automobiles].

I guess we still have a way to go in educating the public.



Australian Map Circle New Zealand Map Society
International Map Collectors Society

2008 Joint International Cartographic Conference

Te Taki o Autahi - Under the Southern Cross

Te Papa Tongarewa, Museum of New Zealand

Wellington, New Zealand

February 10-13, 2008

<http://www.underthesoutherncross.org/>



At the Saskatoon 2007 conference, Edie Punt presented a paper introducing the ESRI Mapping Center. "Mapping Centre is about the use of ArcGIS in the graphic delivery of geographic information. Its goal is to help you make great looking maps by using the same cartographic concepts that professional cartographers use. (from ESRI Mapping Center)

Mapping Center provides map makers an opportunity to learn a variety of cartographic techniques as well as providing information on best practices for mapping and cartography with GIS. There are several resource areas available to the user. Tips, tricks and information are shared on the "Mapping Center Blog". The "Maps" section highlights cartographic techniques that can be tried by the user. The "ArcGIS Resources" Section features downloads that assist the user in creating different cartographic effects.

"Ask a Cartographer" presents solutions to specific mapping challenges and "Other Resources" has links to ESRI publications and presentations, additional mapping resources on the ESRI Web site, and a special collection of Cartographers' Favourites.

Check out the Mapping Centre at
www.esri.com/mappingcenter



www.cartoblog.com

The **Map Room**
A Weblog About Maps

www.mcwetboy.net/maproom/

University of Saskatchewan, Saskatoon, 29 May - June 2, 2007

Roger Wheate - all photos by Alberta Auringer Wood

The CCA gathered for the 2007 annual meeting at the University of Saskatchewan in Saskatoon, along with the Canadian Association of Geographers and the Congress of the Canadian Federation for the Humanities and Social Sciences, as part of the centenary celebrations of the University (photo 1). The larger gathering meant higher registration fees than normal, but most found this was more than compensated by extra festivities, breakfast speakers and a very substantial book fair. This was the first time too, that we had met in Canada's central province (we have now met in all provinces except Prince Edward Island).

The first day featured workshops and icebreaker, along with the customary executive meeting (photo 2). The conference proper commenced on May 30th with joint sessions with the CAG on Geography Awareness Week and GIS Day. These were followed by sessions in historical cartography, cartographic education and map production techniques. In the latter organized by Trish Connor, four presenters each showcased their 'blue ribbon' winners for map making from free online boundary files.

The first day was capped with the almost-annual Orienteering event, organized as usual by Diana Hocking in conjunction with the Saskatchewan Orienteering Association (it is annual if Diana makes it to the meeting). This event is a wonderful way for delegates to see a bit more of the local area, some running, some walking, some staying in cars or going early to the pub to avoid mosquitoes. In this case, we viewed the beautiful campus site next to the River and a sizeable raft of pelicans (photo 3). I watched these birds with the largest beaks in the world for a dozen or so seconds – well, surely this wouldn't affect the overall results (see O-event results this issue).

Day two featured sessions in cartographic education, analytical cartography and GIS, map use and design, and map critique. The last organized by Lori King and Elise Pietroniro featured analysis of maps from their students and workplaces. The final day had further sessions in analytical cartography and GIS, and map production techniques. By this time, the first day's rain had dissipated yielding to more typical warm prairie sun.

The annual general meeting held in the charming U of S Faculty Club was slightly aquorate, but thoroughly enjoyable as President Cliff Wood emphasized the pleasure of working with a great executive, culminating with the traditional passing of the torch (embodied in the precious CCA bottle opener – photo 4) to incoming President James Boxall, who presented Elise Pietroniro, the conference local organizer with a token of thanks for hosting excellence.

The banquet was held in the impressive Bessborough Hotel, with drinks on the balcony (photo 5) and post banquet stories of a raft of CCA ladies swaggering along the riverside trails. We return to Saskatchewan in 2010 for the meeting in Regina (with geographers and remote sensors), and to Vancouver (08) and Halifax (09) with ACMLA.



Photo 1: U. Saskatchewan campus with conference extras



Photo 2: Treasurer John Fowler (left) shows his best poker face while giving the financial report.



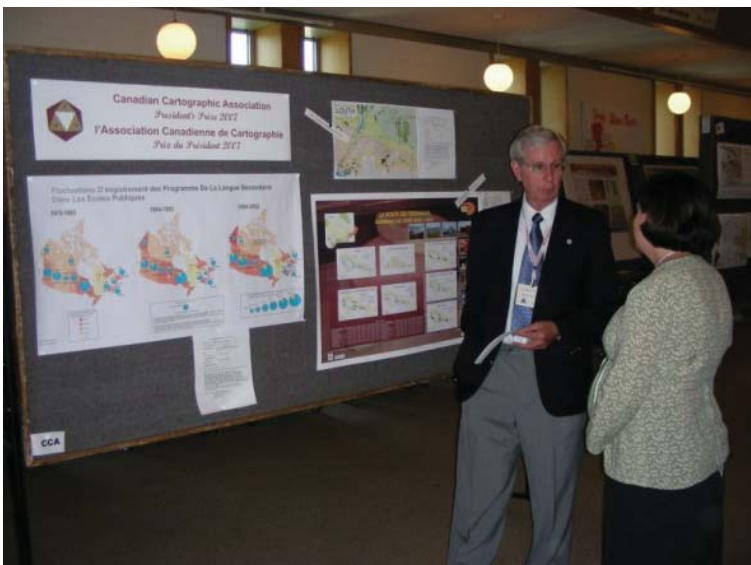
Photo 3: South Saskatchewan River and 'raft' of pelicans from the O-event.



Photo 4: Transfer of power from Cliff Wood (right) to James Boxall – one bottle opener to rule them all



Photo 5: Trish Connor, Karen Vankerkoerle and Christine Earl in classic pose





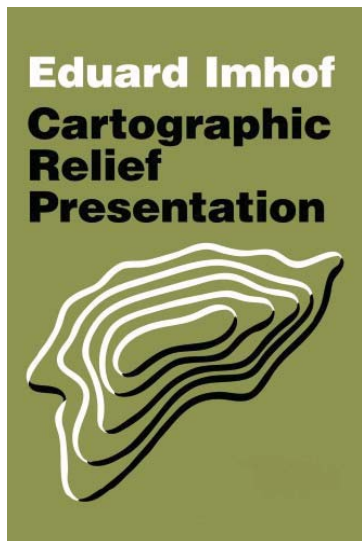
History of Cartography/ *Histoire de la cartographie:*

Edie Punt
ESRI

This issue I write to you not about historical maps so much as historical mapping techniques. One of the toughest challenges in manual mapping is finding realistic ways to depict a sense of three-dimensional surface terrain on an orthogonal, two-dimensional map. Swiss cartographer Eduard Imhof (1895-1986) was a master at this, and has long been recognized as one of the key figures in the modern era of cartographic instruction. He was a professor of cartography at the Swiss Federal Institute of Technology in Zurich from 1925 to 1965, where he taught manual cartographic methods of terrain representation enhanced by his exceptional artistic talent.

Most of Imhof's work and teachings were only ever available in German, but one of his most well-known books, *Kartographische Geländedarstellung* published in 1965, was translated to English in 1982 as *Cartographic Relief Presentation*. An immensely valuable book, it was densely packed with information on all aspects of terrain representation, including elevation colour theory, shading techniques, and landscape symbology conventions. But, the English translation's small press run meant it was always in short supply and it quickly became scarce as the years passed.

To insure that this wealth of information has not been lost entirely to Anglophones, ESRI Press has just reissued this book in paperback, with only minor edits for clarity from the original English translation. It contains sixteen chapters and a number of illustrations within its 436 pages. The full-colour plates that were presented loosely in an envelope glued to the back cover of the original translation have been faithfully reproduced and bound into the book following the index. To see the table of contents, to read a sample chapter, or to order the book, visit www.esri.com/esripress. It will also be available through Amazon later this summer. ISBN: 978-1-58948-026-1 2007 436 pages US\$59.95.



Analytical Cartography & GIS *Cartographie analytique et SIG:*

Penny Hutton
Abitibi-Consolidated Company of Canada

The Evolution of GIS at Abitibi-Consolidated Company of Canada, Fort Frances, Ontario

The Fort Frances Woodlands Division of Abitibi-Consolidated Company of Canada (Abitibi) is responsible for managing a chunk of land (approximately 1.6 million hectares) known as the Crossroute Forest under a Sustainable Forest License which is administered by the Ontario Ministry of Natural Resources (OMNR).

I began this series back in the Winter of 2006 (Cartouche #64), with somewhat of an idea of where I was heading with it. Now, however, after having my son in January and being off on maternity leave, I am not so sure! But here goes nothing...

If you recall, I had just introduced Abitibi's new GIS application, known as MARIO (Managing Abitibi's Resources In Ontario). The intention behind MARIO was to create a standardized Enterprise GIS (geodatabase) for all of Abitibi's Ontario operations with the end goal to make data more readily available to all Woodlands staff, to reduce duplication of effort, to streamline processes, and to allow GIS specialists to focus on more complex analysis to provide value-added benefits to the Company.

Abitibi's enterprise GIS project has been ongoing since the summer of 2004, which was when we began searching for an application that would meet our needs. A core group of GIS users from each of the Ontario divisions reviewed six different applications before selecting Cuesta Systems' Timber Information Management Solution - TIMS). It was determined that although this system best fit our needs for forest management requirements in Ontario, we were going to have to undergo some customization (e.g. no package met our requirements exactly).

Once we had selected our system we had to go through a number of steps in order to proceed with the project. The first item on the plate was undertaking a weeklong Situation Assessment/Gap Analysis with Cuesta where we worked together to determine what portions of the existing system met our needs and what portions would need to be updated and/or customized. The Situation Assessment involved GIS and forestry users from all of the divisions and focused on what our "needs" were versus our "wants". Cuesta went away after that

brainstorming session and came back to us with a proposed budget for all of the items as well as a proposed implementation plan.

With the Situation Assessment in hand, we then obtained financial approval for the project from our Managers. After this came contract signing and appointment of a Project Manager for the implementation. All of this took many months but by April of 2005 we were finally ready to get into the details. We participated in another weeklong session, this one to come up with the Functional Specifications for the required customization. The idea behind this was that Abitibi was to come to the table knowing exactly what it was we wanted, but it didn't work out quite so well. We spent a week hashing out ideas but then had to go back to our respective divisions for more input. The entire process of coming up with the Functional Specifications was finally complete in October of 2005.

At that point, Cuesta took over and began the actual work on the customization. Bits and pieces of the puzzle were starting to fit together and finally we were ready to provide test data for Fort Frances division in July of 2006. Since then we have installed the beta application in Fort Frances and the testing phase is almost complete. Once the testing phase is complete, the intention is to provide final data to Cuesta to re-load into the database and to "go live" in Fort Frances. Shortly thereafter will be data loading, data verification and application launch in each of the other Ontario divisions.

As Project Manager for this implementation, I can certainly say that it's been a long haul. Implementation of a GIS application such as MARIO is a lot more involved than we bargained for. Not that we expected it to be easy, but with our ever-changing priorities we just haven't been able to dedicate the resources required to make the transition in a timely fashion. Although we're not there yet, there is a light at the end of the tunnel. I'll keep you posted!

This is the second in a series of submissions to Cartouche, which aims to provide the reader with a general sense of how GIS is used in forestry. In future submissions, I will further address Abitibi's experience in implementing an Enterprise GIS (e.g. lessons learned) and will describe in more detail the specific tools and functionality that MARIO will provide.

CARTOGRAPHICA WHAT'S COMING IN THE NEXT ISSUE?



Volume 42, Number 3 of the journal has three articles that many readers will find interesting. In no particular order, they are:

"Map Projections Minimizing Distance Errors." J. Richard Gott, Charles Mugnolo, and Wesley N. Colley. Those of us who are concerned about distance errors in many projections will be interested in this article. The authors review many projections drawing attention to distance errors between pairs of points. They then present three new projections – "the Gott equal-area elliptical" with perfect shapes on the central meridian, the "Gott-Mognolo equal-area elliptical" and the "Gott-Mugnolo azimuthal" with improved rank-mean-square logarithmic distance errors.

"The Discourse and Discipline of GIS." Kevin St. Martin and John Wing. The authors express concern over what they describe as the dominant and singular understanding of GIS that they believe marginalizes "non-GIS" geography. They discuss the effect of this discourse and what it might mean for the discipline of geography.

"Extended Cartographic Interfaces for Open Distributed Processing." Peter Sykora, Ionut Iosifescu Enescu, and Lorenz Hurni. This article analyzes, in the context of open distributed processing, some of the existing cartographic interfaces that can be used for various cartographic applications and services. The paper provides an outlook of recent research efforts in this area.



CANADIAN NATIONAL COMMITTEE FOR THE ICA

Janet E. Mersey, Chair

Canada's membership in the International Cartographic Association is held by the Canadian Institute of Geomatics (CIG), Canada's oldest surveying and mapping organization. Founded in 1882, and originally known as the Canadian Institute of Surveying, the CIG has a broad mandate to represent all the diverse aspects of geomatics in Canada, including surveying, charting, remote sensing, navigation, geographic information systems, and cartography.

Recognizing that there exist within Canada other national associations with interests in geomatics, notably the Canadian Cartographic Association (CCA) and the Association of Canadian Map Librarians and Archives (ACMLA), the Canadian Institute of Geomatics formed the Canadian National Committee (CNC) for the International Cartographic Association. As defined in a Memorandum of Understanding (MOU) between the CIG and the CCA, the CNC is chaired by a CIG member who also serves as the Technical Councillor for cartography on the CIG executive. Membership of the CNC, as described in the original 1993 MOU, included a representative from five other regional and national mapping associations. With the subsequent dissolution of three of these organizations, discussions are underway to modify the membership of the CNC by replacing these positions. The CNC is currently made up with representation as follows:

- ☐ Canadian Institute of Geomatics (CIG) - Chair, Janet E. Mersey
- ☐ Canadian Cartographic Association (CCA) - Carolyn Weiss
- ☐ Association of Canadian Map Librarians and Archives (ACMLA) - Alberta Wood

The Chair of the Canadian National Committee for the ICA has a four year term of office coinciding with the time between ICA General Assemblies. According to procedures outlined in the MOU, the Chair is nominated by the Canadian Cartographic Association and ratified by the Canadian Institute of Geomatics. Clifford Wood held this position from 1987-1991, Norman Drummond from 1991-1995, Peter Keller from 1995-2003, and Janet Mersey from 2003-2007.

The mandate of the Canadian National Committee, articulated in the Terms of Reference document (last revised 1993), includes the following:

- ☐ To represent the Canadian cartographic community internationally through Canada's membership in the International Cartographic Association;
- ☐ To review and develop a national position on administrative and cartographic matters relevant to the International Cartographic Association;
- ☐ to ensure that Canada is appropriately represented on ICA standing commissions, ad hoc commissions, working groups, joint inter-associations working groups, and committees;
- ☐ to prepare for each quadrennial ICA General Assembly and International Technical Conference by:
 - a. Publishing a national report covering government and non-government mapping activities, cartographic education, technological developments (including geographic information systems), cartographic literature, activities of professional societies, and special activities of interest;
 - b. Identifying key issues which will be discussed and voted on at the General Assembly, and preparing a Canadian position on these issues;
 - c. Considering the nomination of Canadians for executive positions and, if appropriate, encouraging such individuals to stand for election at the General Assembly;
 - d. Ensuring that high-quality technical papers are prepared by Canadian authors for presentation at the International Technical Conference and publication in the conference proceedings; and
 - e. Providing a national exhibit illustrating advances in Canadian cartography by displaying representative maps, charts, atlases and other cartographic developments since the previous conference, and

to encourage Canadian participation in support of ICA educational seminars, publication of cartographic texts, and similar special projects.

The national committee normally holds an annual meeting in conjunction with the conference of the Canadian Cartographic Association. This term, meetings were chaired by Janet Mersey in Lindsay, Ontario (2004), and Ottawa, Ontario (2006); the next meeting is planned for Saskatoon, Saskatchewan, at the end of May, 2007. Canadians continue to be actively involved in ICA activities, both through serving on ICA commissions and working groups, and by preparing national submissions for ICA conferences. Jean Brodeau (Laval) was recently appointed as a member of the Commission on Spatial Data Standards, and Dan Jacobson (University of Calgary) is now co-chairing the Commission on Maps and Graphics for Blind and Partially Sighted People.

The 2005 ICA conference in A Coruña, Spain, was attended by a delegation of twenty-one Canadians, with over half delivering oral presentations. Janet Mersey served as principal delegate at the 13th General Assembly, and Eric Kramers (Natural Resources Canada) fulfilled the role of deputy delegate. Janet Mersey and Eric Kramers will continue perform these duties in Moscow.

Five entries were submitted to the 2005 Barbara Petchenik Children's World Map Competition; these maps were winners in the National Map Competition organized by John Fowler (University of Victoria). We were delighted to have a winner, Kelsi Fraser-Easton, in the age 9-12 category. For the upcoming competition in Moscow, Perry Hystad (University of Victoria) has taken over as organizer. Two Canadian companies, FOCUS Corporation and Brault and Bouthillier Publishing, generously provided support for this undertaking.

Claire Gosson and Diane Lacasse (Natural Resources Canada) organized Canada's 2005 submission to the International Cartographic Exhibition. These maps, described elsewhere in this national report, were also exhibited in St. John's, Newfoundland, as part of the annual conference of the Canadian Cartographic Association. Rick Gray (Ridgetown College) has taken over as coordinator for this event and has compiled the Canadian submission for the Moscow conference.

As my four year term comes to an end, I would like to thank the CIG and CCA for giving me this opportunity to represent Canada's cartographic community at the international level. It has been a pleasure to participate in ICA congresses and technical programs, and I look forward meeting everyone again in Moscow for what promises to be an excellent conference.

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Volume 42, Number 2, Summer 2007

Special Content: Geovisualization and Visual Analytics

Designing Visual Analytics Methods for Massive Collections of Movement Data
Natalia Andrienko and Gennady Andrienko

Connecting Users with Their Data: An Environment to Explore the Morphodynamics of Rip Channels
Ullanbek D. Turdukulov, Connie A. Blok, B.G. Ruessink, and I.L. Turner

Understanding Spatiotemporal Patterns: Visual Ordering of Space and Time
Menno-Jan Kraak and Daniël E. van de Vlag

In 2007, *Cartographica* was offered electronically for the first time. *Cartographica Online* includes the complete back file of previously published articles going back to issue 1.1, when *Cartographica* was known as *The Cartographer*. In addition to the substantial back file and current issues, subscribers to *Cartographica Online* receive full searching (full text, Boolean, relevancy ranking, and persistent keyword searching), quick searching (single field, single button, automatic recognition of ISSN and DOI), advanced searching (citation text, publication, subjects, or content types), search results (summaries, dimensional navigation, abstracts, citation or tabular results, search within results, filter selected items), parent list navigation, publication metadata, TOC alerting, forward reference linking, and link exports.

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CANADIAN CARTOGRAPHIC ASSOCIATION

32nd Annual General Meeting

June 1, 2007

Minutes

The meeting was called to order by President Clifford H. Wood at 2:02 pm.

Members in attendance were:

Clifford H. Wood (President and Chair), James Boxall (Vice President), Rick Gray (Past President), Alberta Auringer Wood (Secretary), John Fowler (Treasurer), Edie Punt (Interest Group Chair), Lori King (Interest Group Chair), Elise Pietroniro (Interest Group Chair), Nancy Bellegarde, Roger Wheate, Anna Jasiak, Weldon Hiebert, Colin Palmer (representing June Warren Publishing Ltd.), Brian McGregor, Diana Hocking, Patricia Connor, Christine Earl, Donna Williams, Jan Mersey, William Crumplin, and Karen Van Kerkoerle.

1. Approval of the Agenda - It was agreed to proceed with the agenda as circulated in the package along with 2006 AGM minutes and written reports of Executive Committee members and others.

2. Approval of the minutes from the 31st Annual General Meeting, June 21, 2006 – Typographical errors were noted in the copy circulated at this meeting; however, these errors were not present in the published version in **Cartouche** No. 63, Fall 2006. According to Diana Hocking, she did not read Clint Loveman's report as reported in the Minutes. While a motion to approve was introduced, due to lack of a quorum, a vote could not proceed.

3. Matters arising – None

4. Reports from the Executive and Appointees – written and oral reports were presented:

President (Cliff Wood) - noted his written report, his pleasure in working with a fine group of people, and sending out letters to 41 new members.

Vice President (James Boxall) - in addition to his written report, he mentioned that his primary concern was with membership; retaining members is an issue. He will talk with other associations regarding what they do about memberships. In 2009 - CCA members are invited to a BBQ at his house as part of the meeting, which will be a joint one with ACMLA. Trish pointed out that using the phone for contact with members, especially the corporate members, is a good idea. James agreed.

Past President (Rick Gray) - His year of being past president was the quietest of the three for him. Had a good year. Nominations was some work.

Secretary (Alberta Auringer Wood) - She noted reports by Penny Hutton and Ian O'Connell in their absence, binder, and working with Penny and John regarding membership.

Treasurer (John Fowler) - He pointed out that we had a deficit last year, but much less than previous thanks to Lori and Abitibi and profit from GeoTec, decrease in travel costs, and received SSHRC grant. Term investments are a better rate due to that from the bank.

Interest Group Chairs

Education (Ian O'Connell) - absent

Map Production Technology (Lori King) - She would like some input from membership such as a software review or two or tips and items for **Cartouche**.

Analytical Cartography and GIS (Penny Hutton) - absent

History of Cartography (Edie Punt) - She is half way through her term, has participated in activities of the Executive Committee, has prepared items for **Cartouche**, and is attempting a more modern approach to the topic.

Map Use and Design (Elise Pietroniro) – She pointed out that most of the year was spent on the conference with finances looking all right due to workshop and sponsorship. She gave special thanks to the University of Saskatchewan Geography Department. Vice President Boxall gave Elise flowers on behalf of CCA. President Wood gave thanks on behalf of all.

Cartographica Editorial Team (Peter Keller, Roger Wheate, Cliff Wood) - Roger reported on Technical Notes that he is plugging along with items for it. Cliff reported on the status of issues currently at press. He also noted that Peter Keller is planning to step down and a replacement is being sought. An individual is considering the position, and this looks promising.

Cartouche Editorial Team (Lori King and Barb Duffin) - Lori thanked the Interest Group chairs on behalf of herself and Barb who was absent. The one late issue was not due to any delays on their part, but rather problems encountered by the editors. The numbers of issues mailed out was higher than expected for first issue of the year. They will look into that. They purchased a stapler! Feedback on **Cartouche** has been positive. There was a question about its presence on the web. They are putting the table of contents on the pages. Barb will send Andrew Millward a note regarding the 30th anniversary issue. Weldon asked regarding getting a digital copy instead of paper. Lori will look into the issues that are involved and will report back on feasibility. Paper does not cost anything at this point, but that will not always be the case.

Membership Co-ordinator (Penny Hutton) - Though Penny was absent, she submitted a written report. There was a question about the 41 new members as to whether all were actually "new" members. Apparently, some were people who rejoined after absences of varying lengths. It was noted that some differentiation would be useful for the President in this regard, as letters are sent to each of them. Lori asked about sending a renewal form in the last issue for the year of **Cartouche**. Diana noted that she sent an email or letter to those who had not renewed their membership. She seemed to get a better response from an individual letter about membership. Roger suggested regular letter followed up by the first issue stating was the last and enclosing a form. Trish noted that there is a problem with meeting with other groups, because when CCA meets by itself, it could include a membership as part of the fee. Even having a color-coded name tag for new members would be useful. This provides an opportunity for greeting them. Roger suggested having a fee in the future that results in non-members automatically becoming members.

CNC Chair (Jan Mersey) - She mentioned that this summer is the four year meeting for ICA and thanked Rick for doing the map exhibit of 17 items, as well as preparing documentation for it. She noted that Canada is participating in the Barbara Petchenik Children's Map Competition. Perry Hystad collected and sent the allowed five maps. The other major task was the preparation of the Canadian national report. It is in production as an issue of *Geomatica* that will come out in June - it will include five refereed papers, along with reports from government agencies, educational institutions, and associations. The make-up of committee was decided in 1993. Canadian Institute of Geomatics (CIG) pays the dues, but CCA is much more involved in cartography. A Memorandum Of Understanding was signed at the time between CIG (Cliff Wood) and CCA (Alun Hughes). Jan is proposing an amendment to replace the current structure. This would have the Associate Delegate, organizer of the national map exhibit, organizer of children's map competition replacing the association representatives. Diana asked about commitment of people such as the organizer of the children's map competition and representation for the organizations. Jan asked for expressions of interest to serve as the CCA representative as Carolyn Weiss' term is ending. Roger Wheate indicated that he might be interested.

5. Conference Reports

Saskatoon 2007 - Elise was thanked for her efforts. She thanked all those who contributed. She noted that registration for CCA was only 25.

Vancouver 2008 - invitation from David Jones ACMLA President to participate with them.

Halifax 2009 - invitation from James to meet there, also with ACMLA.

Regina 2010 - invitation from Joe Piwowar to meet with Canadian Remote Sensing Society.

6. Introduction of Incoming Executive;

President - James Boxall

Past President - Cliff Wood

Vice President - Ian O'Connell

Secretary - Alberta Auringer Wood

Treasurer - John Fowler

History of Cartography - Edie Punt continues as chair

Map Use and Design - Elise Pietroniro continues as chair

Analytical Cartography and GIS - Penny Hutton continues as chair

Map Production Technology - Lori King continues a second term

Education Group - Karen Van Kerkoerle and Rick Gray will serve as co-chairs

Student member to be decided.

7. Election of Nominating Committee – Though an election could not take place due to lack of a quorum, Cliff Wood as Past President will chair the committee as per the Constitution, with Donna Williams, Weldon Hiebert, and Rick Gray volunteering to assist.

8. Other business

Elise noted that the banquet is at 6:30 in the Bessborough, and we will move to the Canadian Association of Geographers banquet room for a concert at 8:30. Dinner is a buffet.

Cliff noted the meeting of the Executive Committee that will be commencing immediately after this meeting. He also announced that there had been two entries for the Norman Nicholson scholarship. The committee selected Glenn Brauen of Carleton University who was a particularly outstanding student. It was a difficult choice as there was another excellent candidate.

Cliff Wood presented the official CCA key to James Boxall and wished him much success as President.

9. Adjournment

The meeting adjourned at 3:15 pm.

Recorded by:
Alberta Auringer Wood



2006-2007 EXECUTIVE MEMBER REPORTS

CCA Past President's Report **Rick Gray**

2006/2007 was a rather uneventful year for the Past President.

I participated in the fall executive meeting via conference call in mid-November, 2006.

Nominations were solicited for executive officers and special interest group chairs beginning in November 2006. After some delay, all slates were filled save the Special Interest Group Chair for Cartographic Education. More than a dozen members were contacted for the position, and many offered to stand at a later date, but none have come forward as of this writing to volunteer for that position for the upcoming term. A list of potential future candidates will be included in the Past President's binder for future reference.

Nominations for Awards of Distinction were solicited in mid-December 2006 through the CCA list-serv. A reminder was sent out a few weeks later. Only one nomination was forthcoming at that time. That name was passed on to the President for further consideration at the executive level.

Vice President's Report **James Boxall**

Of particular concern has been the status of members in terms of renewals, lapsed dues and new member recruitment. Suffice it to say that many people have yet to renew for 2007, some have lapsed over the past two year, and the number of new members can not in any way make up for those members leaving the Association. For 2007-2008, this issue and actions to deal with it will be a high priority to the Vice-President and President, and the whole Executive as well. We are so pleased to welcome new members to the Association, and we certainly enjoy welcoming back previous members and those who just forgot to write that cheque in time – and yet, even with our efforts and welcoming collegiality, we need to do more. The incoming President and Vice-President, with the support and guidance of the past-President will be coming up with an action plan to address membership.

There is one Constitutional amendment being put forward regarding the Membership of the National Committee for the ICA. Should this pass at the AGM, the update will be included and the Constitution reprinted and/or updated online.

Secretary's Report **Alberta Auringer Wood**

This is the report for the first year of a two-year term as Secretary. Diana Hocking, outgoing Secretary, provided me with the essential documents at the conference as well as background information. She was very helpful in the transition. Many thanks, Diana!!

Minutes were prepared and distributed for three meetings at the 2006 conference. In conjunction with the President, binders were prepared for each member of the Executive Committee with dividers for Executive Travel, Constitution, Travel Policy, Travel Application, Travel Claim, AGM Minutes, ExCom Minutes, and Miscellaneous along with pertinent documents in each category. These were distributed in July. Minutes were taken and distributed for the Executive Committee telephone conference call in November. Correspondence via email was the major other activity. About 400 messages have accumulated in this category. Some of these related to problems with membership or receipt of Cartographica and Cartouche. One such problem carried over from 2004 in Diana's

term has taken nearly the whole of my first term to resolve, if we have managed to do it.

I have been working with John Fowler and Penny Hutton regarding membership. Recently, 70 emails were sent to non-renewed members encouraging them to rejoin, using information received from Penny. A group of about a dozen more that do not have emails will be contacted via regular mail in the same regard.

Some information has been gathered about PayPal and the possibility of using it for payment of dues via the web site. This remains to be further studied.

GIS and Analytical Cartography IG Chair **Penny Hutton**

- Attended Executive meeting in Ottawa in June 2006
- Participated in Executive Conference call in November 2006
- Telephone and email exchanges pertaining to CCA issues
- Submitted three columns to Cartouche

Map Use and Map Design IG Chair **Elise Pietroniro**

As Special Interest Group Chair and local coordinator for the annual meeting for CCA, this year has been exciting and rewarding. I have had the opportunity to contribute two articles to Cartouche related to map use and design, including an article on Internet mapping and in particular, on the impact the non-cartographer has on the design of web maps with tools like Google map mash-ups. Map mashups and interactive on-line maps like Google earth have introduced maps and cartography to a whole new audience and have renewed my interest in map use and design, particularly within an electronic medium. I look forward to exploring this more in the coming year.

As local coordinator for the CCA conference, it has been an interesting and challenging year. I would first like to thank the Congress organizers, the staff at the University of Saskatchewan and the geography department for all their hard work. My job would have been impossible without their help. I also need to especially thank the local coordinator for the CAG, Dr. Bill Archibold, and the CAG organizers for their efforts to let us join forces with them in providing joint sessions and social events. They have been invaluable towards making our annual conference a success. This year, I feel we have had an interesting mix of topics related to mapping and cartography. From Geo-visualization to toponyms and names databases, the range of topics is diverse. We will have paid homage to the map makers and their critics and have learned of free 'blue ribbon' data sets and maps that have influenced us. We have looked at Cultural Mapping as a means of bringing awareness of cultural resources to a growing city and its communities, and have seen how interactive maps can help field researchers collect data. Historical Cartography had a strong component this year as well, identifying the difficulties, limitations and successes in mapping historical data. Education in cartography and cartographic design principles have also been examined in various education sessions.

I begin the coming year planning to review a manuscript related to my interest group, and look forward to exploring and writing new articles for coming issues of Cartouche. Finally, I would like to give a special thanks to the members of the CCA and the Executive Committee members for their help and support in putting together this year's conference and for all the great work they do for the association.

History of Cartography IG Chair Edith M. Punt

This past year was my first as the History of Cartography Interest Group Chair, and my first on the CCA executive. The year began with the inspiring gathering in Ottawa in June 2006 at the CCA annual conference; an event that allowed me to meet my fellow executive members, learn the ropes from Dave Raymond, your past History of Cartography IG chair, and help staff the CCA booth in the GeoTec exhibit hall. At the conference, I presented a paper on using modern techniques to create historical style symbols, and participated on the judging panel for the President's Prize student map competition.

Since convening in Ottawa, I have participated in the executive committee remote meeting, and submitted a document with ideas on how to attract student members to the CCA in support of my position on the CCA Membership Committee. I have reviewed articles for the journal Cartographica, and written articles for the Association newsletter, Cartouche. As Interest Group Chair, my primary responsibility is to promote the study and understanding of historical mapping. I have chosen to take a modern approach to this effort, focusing my submissions on the technological advances in the study of historical maps currently available on the Internet, and in relevant software applications.

At the 2007 CCA conference in Saskatoon, I will be participating in all executive committee activities, including judging the President's Prize and the Carto-Quebec Prize student map entries, as well as presenting a paper on a new online resource for digital mapping techniques.

Map Production Technology IG Chair Lori King

- Four articles have been contributed to Cartouche.
- Two executive committee meetings and the CCA annual meeting were attended in Ottawa in June 2006.
- A executive committee teleconference was held on November 17, 2006.
- A map critique session is being organized for the 2007 Annual Conference.
- I'm always looking for ideas for Cartouche articles and conference sessions. The plan from last year to do software reviews is still outstanding.

Cartographic Education Ian O'Connell

- Participated in Executive Meeting Conference Call
- Participated in Executive Email discussions and decision making over the year
- Contributed to Cartouche.
- Advertised and Encouraged UVic Students to participate in President's Prize (4 entries received)
- Preliminary Discussions with CAG on participants for Joint session for Saskatoon Conference
- Acted as a referee for articles for Cartographica (Twice)

CCA Membership Coordinator Penny Hutton

The duties of the Membership Coordinator position officially transferred over to Penny Hutton (from Clint Loveman) effective January 2007. The database remains, for the most part, as it was during Clint's reign, with the exception of additional information required due to the introduction of On-Line Access for Cartographica in 2007.

Please find the following sections in this report:

- 10-Year Membership Statistics
- 2006 Membership Review
- 2007 Membership Review (to date)
- Dual-Year Report

10-Year Membership Statistics

Year	Members	Loss/Gain	%Loss/Gain
1997	220	- 49	-18.0 %
1998	270	+ 50	+22.7 %
1999	237	- 33	-12.2 %
2000	286	+ 49	+20.5 %
2001	229	- 57	-20.0 %
2002	228	- 1	-0.44 %
2003	174	- 52	-22.8 %
2004	165	- 9	-5.1 %
2005	194	+ 29	+16.9 %
2006	218	+ 25	+12.8 %

2006 Membership Statistics

2005 Membership	194
Members from 2005 that did not renew for 2006	-30
New Members	38
New Members from Conference	6
Reinstated Members	10
Total Membership 2006	218

2007 Membership Statistics (to date)

2006 Membership	218
Members from 2006 that did not renew for 2007	-80
New Members	12
Reinstated Members	9
Online access to Cartographica	42
Total Membership 2007	159

Dual-Year Report

Membership Categories

R = Regular, A = Associate, S = Student, I = Institution, C = Corporate, F = Family, T = Retired, H = Honorary

CCA MEMBERS – 2005

R	A	S	I	C	F	T	H	TOTAL
130	9	19	13	2	6	14	1	194

CCA MEMBERS – 2006

R	A	S	I	C	F	T	H	TOTAL
143	1	30	21	2	4	16	1	218

Editors of Cartouche **Barb Duffin & Lori King**

Four issues of Cartouche were produced in 2006. The conference issue was the largest thanks to contributions from many people. Issue # 65 (Spring 2007) is our largest mail out to date at 240 copies.

We continue to work hard at keeping costs related to Cartouche as low as possible. We are still producing the newsletter for the cost of envelopes, labels and postage (approximately \$400 per issue). Abitibi-Consolidated's generous contribution of paper and printing continues. Postage is by far the greatest cost as outlined below:

Within Canada - \$1.10
United States - \$1.86
International - \$3.60

Feedback continues to be positive and comments and suggestions are always welcome. We look forward to producing many more new and exciting Cartouche.

Treasurer's Report **John Fowler**

As you will note from the Statement of Revenue and Expenditures, we had a deficit of revenue over expenditures of \$794 for the year ending December 31, 2006.

This is a considerable difference from the deficit in 2005 and can be attributed to:

1. Significant decrease in Cartouche costs.
2. Profit from the 2006 GeoTec conference in Ottawa.
3. Decrease in AGM travel costs.

We were fortunate to receive the SSHRC grant in 2006.

The interest rate for the term investments is now 3.00% (up from the previous rate of 1.65%).

Overall, the organization is in a relatively stable financial situation.

NOTES TO FINANCIAL STATEMENTS **DECEMBER 31, 2006**

1. Purpose of the Organization

The Canadian Cartographic Association is a private and non profit association whose purpose shall be the following:

- a) To promote interest in maps and related cartographic material.
- b) To further the understanding and knowledge of maps by encouraging research in the field of cartography, both historical and current.
- c) To provide for the exchange of ideas and information, and for the discussion of mutual concerns, through meetings and by publications.
- d) To advance education in cartography and in the use of maps.

2. Significant Accounting Policy

The organization follows the cash basis method for accounting transactions.

3. Term Investment

The term investment is redeemable partially or totally prior to the maturity date of August 7, 2007. The term investment is currently earning interest at 3.00%.

4. Restricted Asset – Association Carto Quebec

In 2002, Association Carto Quebec transferred the remaining funds in its organization of \$10,144 to the Canadian Cartographic Association. The money, as agreed, is to be used to fund an annual scholarship until depleted.

5. Restricted Asset – Norman Nicholson Scholarship Fund

The Norman Nicholson Scholarship fund is a term investment that is redeemable partially or totally prior to the maturity date of August 7, 2007. It is currently earning interest at 3.00%. In 2006, the fund generated \$133 of interest.



CANADIAN CARTOGRAPHIC ASSOCIATION
STATEMENT OF REVENUE AND EXPENDITURES
DECEMBER 31, 2006

REVENUE	2006	2007
Membership Fees	\$19,804	20,606
SSHRC Grant	4,650	4,650
Seed money returned from St. John's AGM	---	1,000
GeoTec Conference profit	2,225	---
Interest on bank account and term deposit	727	529
Exchange gain	303	126
Nicholson Scholarship fund deposit interest	133	96
Awards – ICA CMC reimbursement	---	250
ESRI donation	---	250
Orienteering map sales	20	---
T-Shirt/Golf shirt sales	714	30
	\$28,576	27,537
 EXPENDITURES		
Cartographica	\$9,767	8,550
Cartouche	3,293	8,310
Seed money for AGM in St. John's	---	1,000
Seed money for AGM in Saskatoon	1,000	---
AGM Travel	9,550	11,910
Conference Expenses (catering & misc)	1,652	---
GeoTec meeting travel claim	---	537
ICA Travel grant (2005 conference in Spain)	---	1,000
Award – Nicholson Scholarship	---	500
President's Prizes	500	600
Awards of Distinction	362	392
CCA Website (domain registration & design)	323	---
Bank charges and credit card merchant fees	632	520
Office supplies, postage and photocopying	1,022	1,049
Awards – ICA CMC	---	250
Telephone (including conference calls)	274	511
Shipping records to John Fowler	---	600
Golf Shirts	995	---
	\$29,370	35,729
 Excess of Revenue over Expenditures	\$-794	-8,192

The accompanying notes are an integral part of these financial statements.

ON BEHALF OF THE ASSOCIATION

John J. Fowler

John J. Fowler, Treasurer

11th NEARLY-ANNUAL CCA ORIENTEERING EVENT

Saskatoon, May 30th, 2007

This year's event was one of the best yet. It will be hard to top the participation figures: over half the delegates took part! Perhaps this was aided by the rather small total attendance, the location a mere few minutes' walk from the conference site, and the huge relief that the previous day's deluge had finally ended. In addition we managed to tempt two of the CAG delegates to join us (less than 1% of their total!).

The local SOA club's enthusiasm certainly helped, too. Many thanks to Kevin Ansdell, president and meet director, who did most of the real work in preparing an excellent course for the club and CCA. The map was superb, having been made by Czech mappers for the Canadian Orienteering Championships Sprint event, to take place in July. The addition of electronic punching to record scores was a bonus.

Our runners were not totally shamed by the locals. CCA leaders Brian and Roger were well up in the overall standings. It was great to see that Roger seems fully recovered after last year's bypass surgery. Maybe next year he'll make up that 12 second gap, and actually win.

Awards were made for the usual assortment of rational and otherwise reasons.

- CAG member Angela was the top woman
- Colin received the coveted "Rookie of the Year" globe, the only brave CCA beginner to travel alone
- Joe and Alberta tied in the "heaviest shoes" contest (proving that prairie gumbo is in its prime the day after rain)
- John insisted on travelling in shorts and paid the price with by far the most mosquito bites
- Rick did the most grumbling afterwards about how tough it all was on his aging body
- Trish was most determined, keeping going after a tough bruise from a pipe that attacked her

and we all enjoyed the views of the pelicans in the river.

Diana Hocking



Open (24) 45:00 min 21 C 375 Pts

Place	Club	Name	Points	Time	Total	Plus Pt	TOTAL
1	SOA	Bob Hawboldt	375	22:47:00	360	15	375
2	CCA	Brian McGregor	360	28:43:00	360	15	375
3	SOA	Jeff Dmytrowich	360	28:43:00	360	15	375
4	CCA	Roger Wheate	360	28:55:00	360	15	375
5	SOA	Kristen Siemens	360	29:41:00	360	15	375
6	SOA	Jim Teilo Mette Siemen	360	30:06:00	360	15	375
7	CAG	Angela Hunter & Julian	360	31:48:00	360	15	375
8	SOA	Tim & Peter Siemens	360	33:40:00	360	15	375
9	SOA	Vangie Whitbread	360	35:00:00	360	15	375
10	SOA	Robby Tanner	360	35:58:00	360	15	375
11	SOA	Shelley Ballard-McKinlay	360	36:37:00	360	15	375
12	CCA	Joe Piwowar	360	41:01:00	360	15	375
13	CAG	Sarah Moser	360	43:29:00	360	15	375
14	SOA	Ron Siemens	340	26:39:00	340	15	355
15	SOA	Melissa Birkland	340	43:45:00	340	15	355
16	CCA	John Fowler	330	27:58:00	330	15	345
17	CCA	Rick Gray	330	32:23:00	330	15	345
18	CCA	Weldon Hiebert	300	30:55:00	300	15	315
19	CCA	Alberta Wood, Lori					
	CCA	King, Elise Pietroniro	260	50:52:00	248	15	263
20	CCA	Karen Vankerkoerle	215	43:10:00	215	15	230
21	CCA	Colin Palmer	210	36:42:00	210	15	225
22	CCA	Christine Earl &					
23	CCA	Trish Connor	185	43:50:00	185	15	200
24	SOA	James Bearden	210	60:00:26	178	15	193

2007 PRESIDENT'S PRIZE WINNERS

President's Prize

Jordan Dolson (University of Victoria) – CCA President's Prize for "Migration to Alberta from Other Provinces and Territories, 2001"

Honorable Mention CCA President's Prize – **Nancy Bellegarde** (Univ. of Sask.) for "Murals of Moose Jaw"

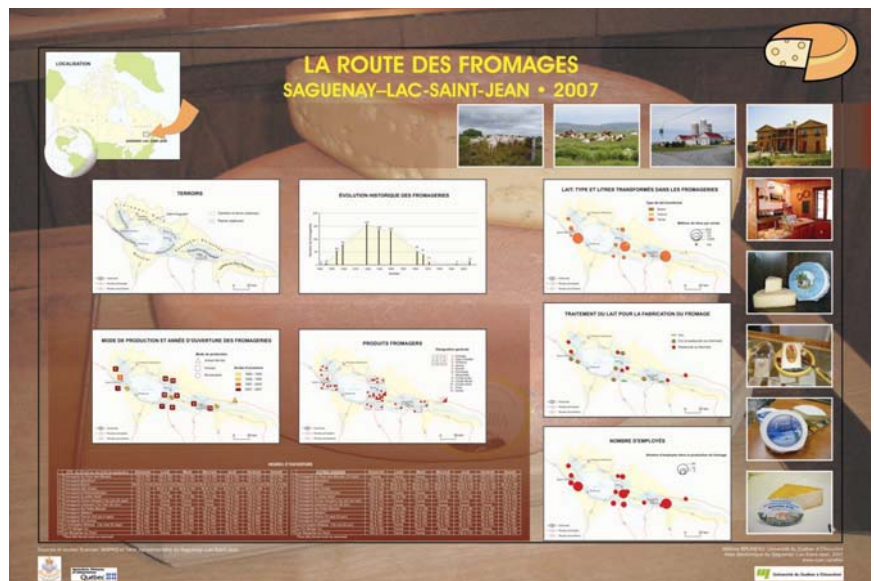
Honorable Mention CCA President's Prize – **Michael Schmitz** (University of Victoria) for "Valuing Leisure Time: How Education Affects Individual European Values"

Carto-Quebec Prize

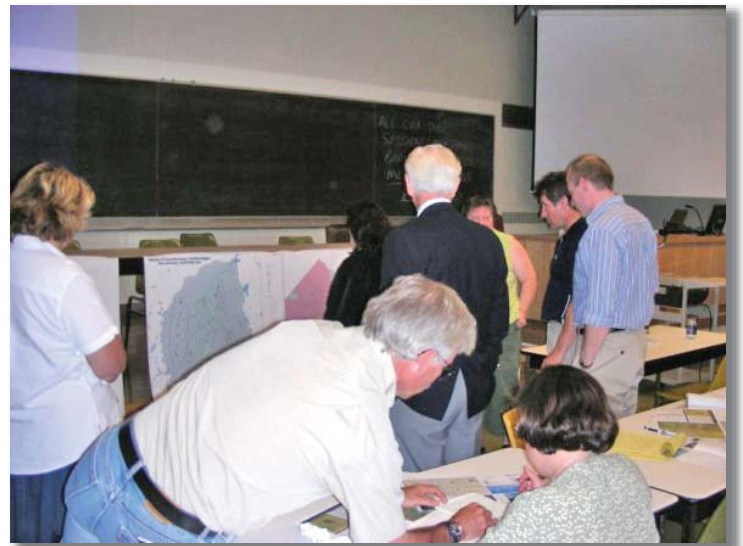
Melissa Bruneau – Carto-Quebec Prize for "La Route des Fromages au Saguenay-Lac-Saint-Jean 2007"

Honorable Mention Carto-Quebec 2007 – **Murray Brian Calvert** (Brock University) for "Zone de Conservation Louth"

Melissa Bruneau



Jordan Dolson



How Toronto looked in 1818

An antique map shows the city's harbour before its peninsula became an island

This map showing Toronto Island when it was still a narrow peninsula, was drawn in 1818 by British military authorities.

Jul 18, 2007
Adam Mayers
Toronto Star



COURTESY RON ALLEN

When Ron Allen read the Looking Back story two weeks ago about the Gibraltar Point lighthouse, it reminded him of an old map hanging on a wall in his Barrie home.

So he took a closer look. The retired Ontario Provincial Police sergeant has always been interested in the War of 1812 and some years ago asked his father, also a history buff, if he had any books to share. Instead, the elder Allen gave his son the map of Toronto harbour drawn by British military authorities in 1818.

Ted Allen's only request was that father and son keep it between them, lest Ron's mother learn about the \$140 price tag. Ted Allen was an enthusiastic collector of old books and stamps, a hobby not shared by his wife. Ron agreed and tucked the irregularly shaped piece of paper away.

"I kept it in a box in the basement and kind of forgot about it," says Allen. "My parents both passed away and this spring, I had it properly framed."

The map, reproduced here, is a fabulous time capsule that reveals how much the islands, city shoreline and harbour have changed over the past 200 years.

In those days there were no islands, just a sand spit formed by the gradual erosion of the Scarborough Bluffs. Over thousands of years, storms and currents carried the sand and gravel west and dumped it at the mouth of the Don River.

By 1818, the deposits had made a 9-kilometre-long hook-shaped peninsula ending at Gibraltar Point. Two blockhouses with cannon facing the land supposedly gave support to Fort York, although they proved useless as defence when the Americans sacked the town in April 1813. As Sally Gibson writes in *More Than an Island*, the blockhouses were sort of like the famous Sherlock Holmes' dog that didn't bark in the night. They were either unmanned or unarmed, but not a shot was fired.

The peninsula became an island in 1852, when a storm cut a small channel through the sand. A year later the channel was 45 metres wide. A second

storm in 1858 widened it to 150 metres, creating the Eastern Gap.

The 1818 map shows the many ponds and lagoons that drew British officers and their wives to the spit to picnic in the summer. Local farmers took cattle to graze and the spit was a favourite haunt of fishermen and hunters, many of whom had built crude shelters there.

But the shape of things to come is visible. The map also shows the line drawn around the western part of the peninsula, with water between .75 and 1.5 metres deep.

At the left side along the shore, a white blob shows what may have been the remains of Fort Rouille, the French fur trading post located just west of what today is the CNE's Dufferin Gate. It was built in 1750 and abandoned and burned in 1759 with the fall of New France.

Garrison Creek, long since filled in, was so-named because Fort York was built alongside it. It's seen opposite Gibraltar Point.

The creek was substantial, running for about 8 kilometres and emptying into the lake near the foot of Bathurst St.

Yonge St. is also visible and the map notes that it is 32 miles to Holland Landing. Lot St., which later became Queen St., is the most northerly east-west street marked. The centre of the town was clustered around Front and Jarvis Sts., where the market was the focus of life. Several thousand farmers and city dwellers were eager to meet on Saturdays to trade goods. Public auctions were held regularly in the market square, and not long after this map was made York offered its first civic amenity – a free town well near the market.

These days, of course, we have all kinds of civic services, including year-round ferries to three main Toronto islands.

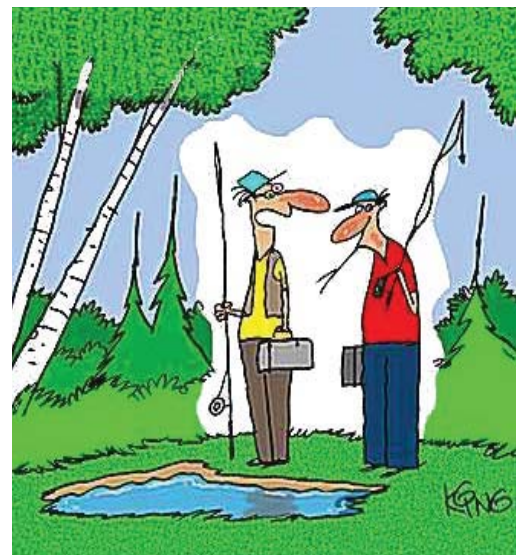
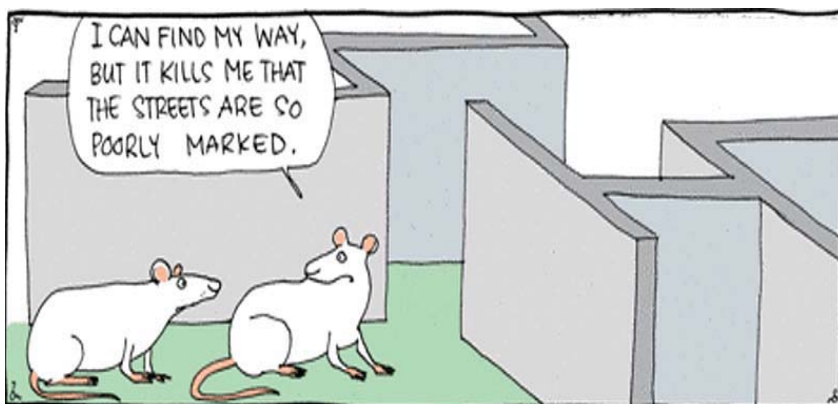
Cool Sites & NEAT Stuff

Have you found a cool site or come across something neat?
Please send it in to the editors (address is on the back) and
share it with everyone!

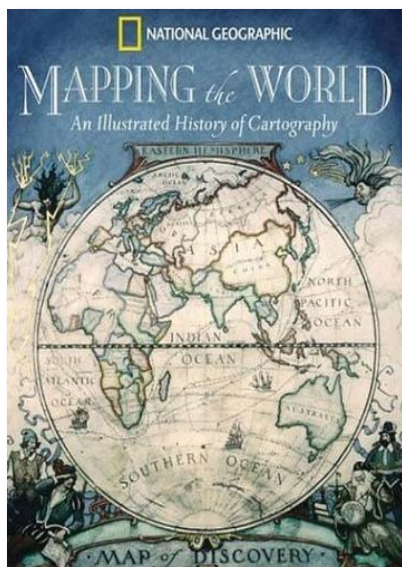
www.canadacool.com/



Travel across the country to discover cool facts,
fascinating tourist sites and intriguing reasons
why Canada's Cool.



"This lake looked a whole lot bigger on the map!"



Mapping the World: An Illustrated History of Cartography

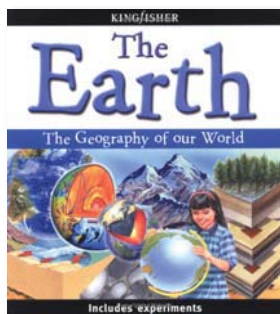
(Hardcover)
by Ralph E Ehrenberg
(Author)

Hardcover: 256 pages
Publisher: National
Geographic (October 11,
2005)
Language: English
ISBN-10: 0792265254
ISBN-13: 978-0792265252
Product Dimensions: 12 x
9.3 x 1 inches

Mapping the World is a one-of-a-kind collection of cartographic treasures that spans thousands of years and many cultures, from an ancient Babylonian map of the world etched on clay to the latest high-tech maps of the earth, seas, and the skies above. With more than one hundred maps and other illustrations and an introduction and running commentary by Ralph E. Ehrenberg, this book tells a fascinating story of geographic discovery, scientific invention, and the art and technique of mapmaking.

Mapping the World is organized chronologically with a brief introduction that places the maps in their historical context. Special "portfolios" within each section feature key cartographic innovators and maps of exceptional artistic quality or significance, such as the 1507 Waldseemüller Map, the first to use the name America. Unusual and surprising maps are also presented, including a set of playing cards that contained a secret escape map for American prisoners in Germany during World War II.

With its broad historical and cultural range, unmatched variety of maps from the finest map collections in the world, more than one hundred illustrations, and a fresh and authoritative perspective on the history of cartography, Mapping the World will delight everyone with an interest in maps and mapmaking like no other book.

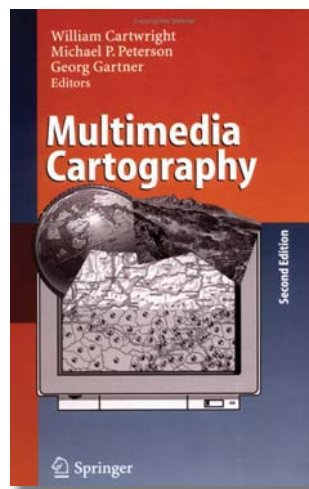


The Earth

(Paperback)
by Barbara Taylor (Author)

Reading level: Ages 9-12
Paperback: 96 pages
Publisher: Kingfisher (October 15, 2001)
Language: English
ISBN-10: 0753454254
ISBN-13: 978-0753454251
Product Dimensions: 9.2 x 8.3 x 0.3 inches

Maps and mapping, mountains and volcanoes, rivers and oceans, and weather and climate are the four key subjects explored in The Earth. Children will make exciting discoveries including how to read maps, what clouds tell us about the weather, and how to make a sundial.

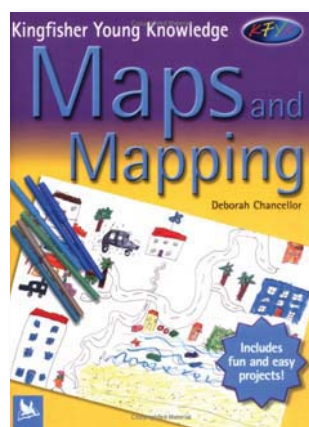


Multimedia Cartography

(Hardcover)
by William Cartwright (Editor),
Michael P. Peterson (Editor),
Georg Gartner (Editor)

Hardcover: 572 pages
Publisher: Springer; 2 edition
(October 31, 2006)
Language: English
ISBN-10: 3540366504
ISBN-13: 978-3540366508
Product Dimensions: 9.4 x 6.3 x 1.3
inches

Multimedia Cartography provides a contemporary overview of the issues related to multimedia cartography and the design and production elements that are unique to this area of mapping. The book has been written for professional cartographers interested in moving into multimedia mapping, for cartographers already involved in producing multimedia titles who wish to discover the approaches that other practitioners in multimedia cartography have taken and for students and academics in the mapping sciences and related geographical fields wishing to update their knowledge about current issues related to cartographic design and production. It provides a new approach to cartography one based on the exploitation of the many rich media components and avant-garde approach that multimedia offers.



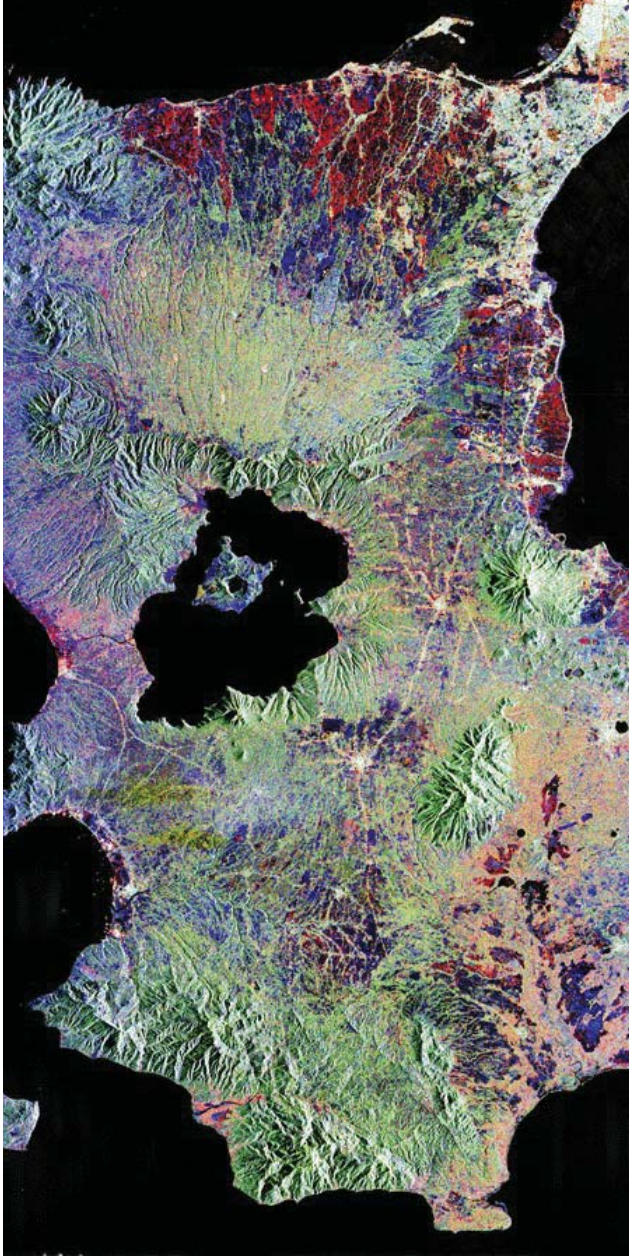
Maps and Mapping

(Hardcover)
by Deborah Chancellor (Author)

Reading level: Ages 4-8
Hardcover: 48 pages
Publisher: Kingfisher (June 10,
2004)
Language: English
ISBN-10: 0753457598
ISBN-13: 978-0753457597
Product Dimensions: 10.1 x 7.9 x 0.4
inches

Maps and Mapping introduces different types of maps and helps children understand how they work. Young map makers will learn about compass points, map keys and scales, colors and contours, and will discover how reading maps can yield a wealth of information about both the natural and man-made

WHERE is this... WHAT is this?



Where is this and what is its' significance. The accompanying photo image is a hint.

Where is this?

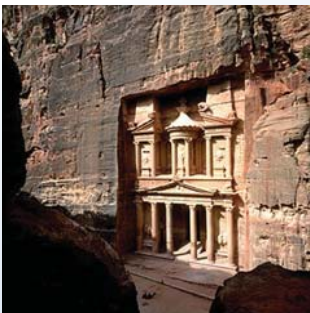
What is this?

Send your answers to the co-editors Barb or Lori, (address is on the back page) by **September 7, 2007**.

Images submitted by: Roger Wheate

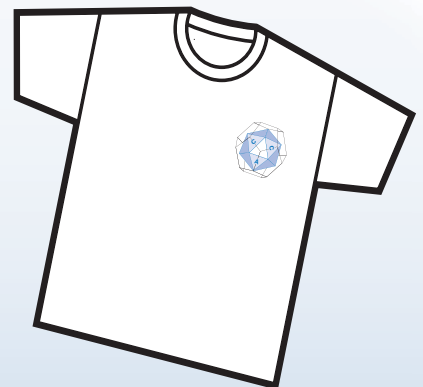


A winner will be drawn at random from all the correct entries and will receive a CCA t-shirt.



Congratulations to Patricia Morphet, (North York, ON) for correctly identifying both **Where and What** from Issue #65
Answer: "Lost City of Stone", Petra, Jordan.

Patricia wins a CCA t-shirt.



Upcoming Events and Meetings

August 4-10, 2007 - Moscow The capital of the Russian Federation is selected as a venue of the International Cartographic Association XIV General assembly and XXIII International Cartographic Conference. The General assembly and the International cartographic conference will promote development of a world science in the field of theoretical and practical cartography and GIS-technology. The motto of conference, *Cartography for everyone and for you* is chosen with the purpose to display the value and a place of cartography for a society and a person. Additional information from Technical Secretary; 14, korp.2, Krzhizhanovskogo str. 117997; GSP-7, Moscow, Russia; Tel/Fax: 007 095 124 35 35.

August 6-9, 2007 – Houston, TX 3rd International Conference of Environmental Science and Technology. www.aasci.org/conference/env/2007/index.html

August 20-23, 2007 – Washington, DC URISA 2007 Annual Conference. www.urisa.org

August 29-31, 2007 – London, UK RGS-IBG Annual International Conference 2007. www.rgs.org/ac2007

September 28-30, 2007 - Venice, Italy The 11th Symposium of the International Coronelli Society for the Study of Globes will take place in Vincenzo Coronelli's native town. In addition to the usual paper presentations, there will be visits to Coronelli's grave at the church Santa Maria Gloriosa die Frari, the Museo Correr and Biblioteca Marciana. Additional information from Ms. Heide Wohlschläger, Dominikanerbastei 21/28, A-1010 Vienna, Austria; fax 43-1-5320824.

February 15-17, 2008 - Fernie, BC 1st Conference of Spatial Knowledge and Information Canada. Spatial Knowledge and Information Canada brings together researchers of geo-spatial information who live and work in Canada. More information, abstract submission, and registration can be found at <http://rose.geog.mcgill.ca/ski>

May 4 - 7, 2008 - Victoria, BC 3rd Community-University Exposition (CUexpo 2008). CUexpo 2008 follows CUexpo 2003, which took place in Saskatoon and CUexpo 2005, hosted by Winnipeg. Full details of presentation options and the full scope of the exposition can be found at the CUexpo 2008 website: www.cuexpo08.ca/index.html

For those interested in a comprehensive listing of world-wide, related events and meetings, go to:

John Docktor's list: <http://home.earthlink.net/~docktor/intro.html>
Map History list: <http://www.maphistory.info/confmnu.html>



The CCA was founded in 1975 to promote interest and education in maps and cartographic data and to provide for the exchange of ideas and information, at the regional, national and international levels, via meetings and publications. Membership in The Canadian Cartographic Association is open to all individuals, and public and private institutions which have an interest in maps and the aims and objectives of the Association. Membership is available in the following categories at the annual rates listed below (\$CND):

Regular	-----	\$ 90
Student	-----	\$ 45
Institutional	-----	\$ 120
Corporate	-----	\$ 200
Family	-----	\$ 110
Retired	-----	\$ 45

To cover mailing costs, US and overseas residents please add \$10 CDN to the applicable membership category.

Members receive the quarterly journal *Cartographica*, published by the University of Toronto Press and endorsed as the journal of the CCA; four issues of *Cartouche*, the CCA newsletter and the International Cartographic Association Newsletter. The Association also provides an annual conference to promote discourse and access to a range of expertise through interest groups and regional contacts.

For further information about membership qualifications and benefits contact the Secretariat of the CCA or any executive member or visit www.cca-acc.org.

L'ACC a été créé en 1975 pour promouvoir les intérêts et l'enseignement des cartes et de la cartographie ainsi que pour permettre l'échange d'idées, d'informations tant sur les plans régionaux que nationaux et ce via des bulletins et des conférences. L'adhésion à l'Association est ouverte à tous les individus et institutions (privées et publiques) qui Associa-sont intéressés par les cartes et par les buts et objectifs de l'Association. Vous pouvez adhérer dans les catégories suivantes selon les taux indiqués (cdn\$) dans la liste ci-dessous: (\$CND):

Régulier	-----	\$ 90
Étudiant	-----	\$ 45
Institutionnel	-----	\$ 120
Société	-----	\$ 200
Famille	-----	\$ 110
Retraité	-----	\$ 45

Un montant de 10\$ (cdn\$) est ajouté pour couvrir les frais postaux aux membres américains (ÉU) et de 10\$ (cdn\$) pour les membres outre-mers.

Les membres reçoivent la monographie trimestrielle *Cartographica*, publiée par le University Toronto Press; 4 numéros du bulletin *Cartouche* et le bulletin l'Association cartographique internationale (ACI). L'Association organise également une rencontre annuelle lors de conférences qui donnent accès à l'expertise issue des groupes d'intérêts et des diverses régions du pays.

Pour plus d'information concernant l'adhésion et les bénéfices de l'Association, contactez le Secrétariat de l'ACC ou, visitez notre site Internet www.cca-acc.org

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