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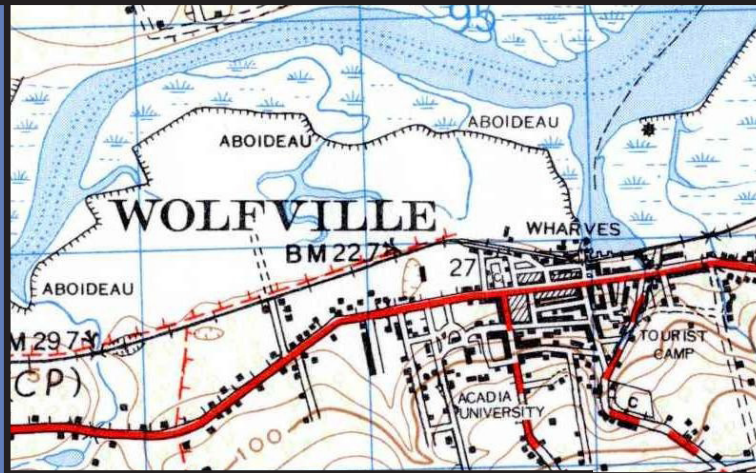
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SOURCE: [Wolfville](#), NTS 21H1 (West Half), 1953.

FEATURED
EVENT

**Geomatics
Atlantic
Conference
June, 2009**

CONFERENCE FOLLOWUP: We Fared Well in Nova Scotia

Location: The annual meeting was held jointly with the Geomatics Association of Nova Scotia (GANS) and Association of Canadian Map Libraries and Archives (ACMLA) in the extraordinary town of Wolfville, located in close proximity to the world's largest tides, and one of the main Acadian settlements before the 1755 deportation. This 1953 NTS 1:50,000 map extract shows the tidal change, the dikes and tide gates (aboideau) built by the Acadians, along with the now disused railway line and tourist camp (?).

Workshops: The first day featured popular crammed workshops involving using Google Earth as a research and mapping tool (Eva Dodsworth, U.Waterloo), Web Mapping for everyone (Jeff McKenna, Gateway Geomatics)

and GIS mapping from oblique aerial photography (Trevor Milne, Gaiamatics Solutions), followed by an icebreaker in the spacious Acadia University Fountain Commons.

Program: The next 2.5 days showcased a smorgasbord of keynote presentations by Michael Goodchild (U.California, Santa Barbara), Alex Miller (ESRI Canada), Vanessa Lawrence (Ordnance Survey) and Sat Nandlall (CBC). They reappeared the evening of the 10th for a fireside chat session, scheduled not to conflict with the orienteering event or vice versa. The program sessions had an integrative appeal, each involving the three organizations without specific themes, so I'm not going to try and describe them. As indicated by the

» SEE 'WHEATE' INSIDE COVER



» FROM FRONT COVER » WHEATE

conference theme, it was the 'World for Everyone'. CCA presenters with topic in brackets were: Morgan Hite (PPGIS tools), Christine Homuth (cybercartography), Clifford Wood (eye movements research), Alberta Wood (cartographic history), David Mercer (the map room), Byron Moldofsky (online atlas), Dawn Mooney (health care mapping) and Roger Wheate (LiDAR).

Annual General Meeting: The three groups each had about the same number of speakers, although the CCA was the smallest by attendance: we narrowly failed to achieve quorum at the AGM, but we had quality. The 24 members welcomed the new present executive: Daniel Cole (President) and Paul Wozniak (Map production technology) – incoming VP Donna Williams sent her regrets. We thanked outgoing executives for their service: James Boxall (past-President) and Lori Martin (Map production technology).

Entertainment: The banquet was a lively affair with most visitors receiving 'The Order of Good Cheer'. The conference closed with a surprise appearance by the aged Greek geomatics legend Eratostestes who regaled the crowd with his

major achievements and scorning his rivals: a feisty wee show from the man who gave us latitude and longitude.

Next year: The 2010 meeting in Regina will be as close as it could get to the geographic centre of North America, and Canada's sunniest provincial capital. With three other organizations it should cater to all tastes. It is hard to describe the conviviality and true measure of CCA meetings remotely, so if your budget allows it, please plan to attend.

Special thanks: to our local organizers James Boxall (Dalhousie), Ada Cheung (COGS), Dan Duda (MUN) and Ann Smith (Acadia) plus 9 members of GANS.



Author **Roger Wheate** is a Professor and GIS Coordinator at the University of Northern British Columbia, Prince George, BC

Editor's Notes



As this is the first issue following our annual conference, the usual columns by Interest Group Chairs and other executive are supplemented by content featuring educational, business and social aspects of the event. I am delighted to feature a special section in Professional Development devoted to the awards and prizes won by students. No post-conference report would be complete without the results of the "almost annual" Orienteering event. Given the identical times clocked for second place (Mooney versus Wheate) perhaps future event stop watches will need to tally to the nearest 1/100th of a second?

Please refer to the AGM Minutes to mark your calendars for the next conference in Regina.

Patricia Connor

Cartouche is published quarterly by the Canadian Cartographic Association. Members are welcome to submit articles for publication. Articles and notices submitted for publication are subject to editorial approval. Please address your submissions to the editor. All other articles will appear in the language of submission. While every effort is made to ensure accuracy of content, the editor cannot be responsible for errors in compilation, or loss of any item submitted. Opinions expressed in the editorials, submitted articles and letters are not necessarily those of the Canadian Cartographic Association. The Canadian Cartographic Association gratefully acknowledges the financial support given by the Social Sciences and Humanities Research Council of Canada.

Cartouche est publié trimestriellement par l'Association canadienne de cartographie. Tous les membres peuvent soumettre des articles à l'éditeur du bulletin (voir coordonnées ci-dessous). Les articles et annonces soumis sont sujets à l'approbation de la rédaction. L'éditeur du bulletin ne peut être tenu responsable pour des erreurs de compilation ou la perte d'article. Des efforts particuliers sont déployés pour éviter de tels problèmes. Les opinions exprimées dans le cadre des éditoriaux, des articles et des lettres publiés dans le bulletin, ne reflètent pas nécessairement celles de l'Association canadienne de cartographie. L'Association canadienne de cartographie remercie particulièrement le Conseil de recherches en sciences humaines du Canada pour son apport financier.



Dear Fellow Members of the CCA/ACC

In the Spring issue of *Cartouche*, Clifford Wood expressed the concern of falling membership in the CCA, requesting that any members who had not yet paid their dues please do so to support our vital organization. On the positive note, he also noted how Professor Ian O'Connell had recruited ten new student members. I would like to go one step further and not only encourage others in academia to do the same, but also for any member to encourage their cartographic colleagues who are not currently members to join up. Having youthful and other forms of 'fresh blood' in the CCA will help invigorate our association. And while our membership number is not as high as we would like, I believe that the future of the CCA has a strong, essential membership core that we can continue to rely on for the next generation of cartographers.

These are exciting times to be involved in cartography and GIS. With free and online mapping tools, along with public participation GIS, more people than ever are involved in map-making. This development is a wonderful turn of events acquainting more and more people with maps and geography. Unfortunately, it also means that a lot of poorly designed maps are being produced by those who have little or no knowledge of cartographic design and communication, or simply use the default design choices when producing a map. And that's where we step in. I have found that most people are not so proud that they would be offended by hav-

ing a professional cartographer edit their maps so that it gets their intended message across more efficiently.

For those who were not able to attend the joint conference in Wolfville, Nova Scotia that we held with the 2009 Geomatics Atlantic conference and the Association of Canadian Map Libraries, they missed four days of great workshops, exhibits, plenary speakers, posters, and paper sessions. The conference organizers are to be congratulated on a job well done. I am looking forward to next year's joint conference in Regina, Saskatchewan with the Canadian Remote Sensing Society and the Canadian Association of Geographers. Joint conferences like these strengthen our organization through exposure to research by colleagues in the sister disciplines. As Alberta Wood noted in an earlier email, "Julia Siemer will be serving as our lead representative on the local organizing committee. She and the Interest Group Chairs will be organizing the program, but will welcome help from others. Please let Julia or one of the others know if you are willing to help."

Finally, I would like to thank both Cliff and Alberta Wood for hiring a contractor (Denise and Tim Everett, London, Ontario) to revamp the CCA website. It's a great improvement with good interactive links, and more complete content.

Author **Daniel G. Cole** is President of the Association. He is the GIS Coordinator, Smithsonian Institution, Washington, DC

VICE-PRESIDENT



Hello from the Atlas of Canada

It is an exciting time for cartography as Dan Cole says in his article and it is an exciting time to be a cartographer in the Federal Government. Last year the mapping activities in Natural Resources Canada were grouped together under the Mapping Information Branch. The cartographers in the Geological Survey of Canada, Topographic Mapping and the Atlas of Canada now work closely together. We are just beginning to explore the opportunities this affords us and I will update you on our successes.

The following links will take you to some of our most recent releases:

“A New Generation of Topographic Maps for Canada” by Yvan Désy

<http://nrcan.gc.ca/com/elements/issues/38/topograph-eng.php>

« Une nouvelle génération de cartes topographiques pour le Canada » par Yvan Désy

<http://nrcan.gc.ca/com/elements/issues/38/topograph-fra.php>

There will be more in upcoming issues of Cartouche !!

Author **Donna Williams** is Vice-President of the Association. She is the Manager / Gestionnaire at the Atlas of Canada / Atlas du Canada, Mapping Information Branch / Direction de l'information cartographique, Natural Resources Canada/Ressources naturelles Canada, Government of Canada / Gouvernement du Canada.

Exhibit Hall, Geomatics Atlantic Conference, June 2009



PHOTO CREDITS: ALBERTA WOOD



Annual Conference Reflections

In June, I was lucky to be able to attend the annual Geomatics Atlantic 2009 conference in Wolfville, which also included the CCA and ACMLA. This is my first year serving as Chair and my first conference with the CCA, so I wasn't really certain what to expect. It turned out to be a busier few days than I anticipated, and was well worth attending. The keynote speakers and presenters were all interesting and it was difficult to choose between the afternoon sessions. By the end, my head was well-filled with information and interesting aspects of our various professions that I hadn't been exposed to before. I took note of many topics I'd like to learn more about and websites to seek out. Since I hadn't met a soul in person before I went, including the remainder of the attending Executive Committee, it was a great opportunity to put faces to the names (and voices) I'd been corresponding with over the last year. It was nice to meet many new people and see a few familiar faces from my time at COGS. This was also my first Orienteering challenge, which was fun, though my partner and I forgot a control point and had to double back to collect it. Anyway, that's my excuse for being last!

At our Annual General Meeting (AGM), a proposal was put forth to change the name of Analytical Cartography and GIS to GIS and Geovisualization. We

were one person short of a quorum and so unable to take a vote. However, this brought about a discussion concerning the scope of the term Geovisualization and several other suggestions were made for a new name for the Interest Group: GIS Analysis, Analytical GIS, and GIS and Spatial Analysis. If you have any suggestions or comments, please contact me and I'll tell you about any responses I receive in my next column. Hopefully, a vote can take place at the next AGM, or sooner if some other means of voting is determined to be valid.

Several months ago I was asked about publishing a list of members within each Interest Group, the primary reason being to provide a knowledge resource. Due to privacy issues, the Executive Committee has decided this won't be possible. However, two alter-

puter, mobile device, etc. Let me know if you think either option is preferable, or have any other ideas.

I thought I'd close with another Work/Time Saving Tool that I think I'll be using a few times in the coming months. When producing maps for submission to the Ministry of Natural Resources, the tool we use doesn't allow us to generate file names in the required format. So we need to rename them, which isn't a big deal if it's only ten files and mid-afternoon on your work-day. However, when you have 219 maps, you started work at 8:00 am, and its 10:30 pm, you really don't want to do it manually! If you search the internet for a company called webXpace, you will find a site run by Jose M. Falcao out of Portugal. In addition to producing custom professional software, he offers more than a dozen small free software

... asked about publishing a list of members within each Interest Group ... to provide a knowledge resource.

natives have been suggested that would allow CCA members to join only if they are interested. The first is to set up a Wiki Community on the internet which allows members to log on when they want. The second is setting up an RSS feed (Really Simple Syndication or Rich Site Summary), which regularly sends content to the user's choice of: com-

puter, mobile device, etc. Let me know if you think either option is preferable, or have any other ideas.

» SEE 'RYLE' PAGE 9



Cartography in the Family Way in the 16th and 17th Centuries

Families in the Low Countries that make maps together lived a long and prosperous life in the 16th and 17th centuries. The average life span of affluent men and women was 35 years and 30 years, respectively. If you were less affluent, cut off another 10 years. Somehow the 3 sets of extended families (comprising of 30 or so smaller families) who took cartography seriously lived well beyond those limits. The well-populated Hondius line of mapmakers lived, on the average, 52 years. The Ortelius families stretched their average life span to 57 years, on the average. The Blaeu line managed to live even longer, namely 69

The accumulation of wealth in the hands of a relatively few people was only made possible by marriage within the cartographic “tribe”.

years—twice the average of other Low Landers. Was it the ink that led them to live so long? The chemicals from the copper plates? A sedentary life? The truth might be closer than we think. Wealth. Today, the best predictor of good health (and a long life) is high income. This was no less true in the 16th and 17th centuries when cartography became a fashionable and lucrative industry.

The accretion of wealth, however, was (and still is) contingent on families’ holding together. Nothing will potentially ruin wealth more than divorce, especially for women and children (except that the courts in the Lowlands were favourably disposed to deserted women). Rest assured, some marriages might have been unhappy ones, but they were happy making maps and some children to boot. Ortelius himself acknowledged the works of 87 different cartographers during his day. A chronology of the Golden Age of Cartography (in the 16th and 17th c.) reveals that, for example, in 1575, eight major people controlled the car-

tographic ateliers. In 1625, there were nine. When land surveys became de rigeur in 1666, the number dropped to seven. The accumulation of wealth in the hands of a relatively few people was only made possible by marriage within the cartographic “tribe”. One cannot but notice that the cartographic ateliers, related businesses, and stores were, in fact, in the hands of three extended families, sustained by

a calculated system of intra-marriage (there were others outside of these circles). With few exceptions (such as Anna Bertius, the widow of Josse de Hondt/Hondius Jr, sold some of her husband’s plates to Willem Blaeu), it was quite unusual for members in each set of families to cross the line into another family’s “territory.” The family “map” was well demarcated, especially between the Hondius and the Ortelius lines. The following sections convey the breadth of these extended families and what each brought into the equation.

Widows were sometimes courted by potential successors in the map-making business. Thanks to Hudson and Ritzlin (2000), we have the names of at least 27 women map publishers in the Low Countries. The following illustrate some of the salient ways in which they contributed to the family map trade. The three van Keulen/Kaerius widows, namely the widow of Johannes (1654-1711), Ludwina Konst Kaerius (widow of Gerard Kaerius, 1678-1727), and Catherine Buys Kaerius (widow of Jodocus Kaerius II) played a major part in continuing the business of each of their respective husbands. The prolific businesses produced some of the most remarkable maps, better than even the

Blaeu and Jansson Houses, whose maps had achieved considerable fame in the 16th century.

The Ottens family consisting of Joachim (1663-1719), sons Reiner (1698-1750), and Joshua (1704-1765) who produced maps in the 17th- and 18th centuries, benefited from Josua Otten's (1704-1765) widow, who published a map of St. Eustatius in 1775. The most active period of map publishing was concentrated in the years between 1720 and 1750 with an enormous collection of maps, some as large as 15 volumes.

Deserted women were also left to running the map business of their husbands. Anna Beeck (1700-1717) "published and coloured the maps she printed" in The Hague, the Netherlands. She had been deserted by husband Barent in 1693, after fifteen years of marriage and seven children. Local courts supported her running the family business. She provided the latest map reports of War of Spanish Succession (1701-1713) and made some 60 maps and battle plans. Space, unfortunately, does not allow the author to go into detail.

No doubt, the largest extended family belong to the Hondius line. Stewart's "In the family way—mapmakers" offers a six-page precis of all the intra-marriages. Each new marriage partner brought with him or her knowledge about engraving, printing, colouring, geography, binding, publishing, and trading, ensuring the continuation of a cartographic dynasty. The Hondius line of cartographers intermarried with the Montanus, Kaerius, Bertius, Goos, van Waesbergen, and Janszoon

families (in at least one case involving the marriage of two affinal cousins). These intermarriages resulted in a vast concentration of cartographic acumen and business skills. Collectively, they included engravers, publishers, artists, text composers, a librarian, geographers, mathematicians, historians, a theologian, and booksellers—a heady mix of talent that ensured that the dynasty of cartographers would remain dynamic.

While the Blaeu line of cartographers combined a vast array of some of the best talents, intermarriage was not as frequent and, consequently, they had an interrupted influence on map making. Their combined talents included astronomy, instrument making, mezzotint engraving, publishing (of, e.g., globes), selling prints, maps, atlases and architectural drawings, dealing in art dealers, and selling books. The Blaeus relied on business arrangements to pursue their goals. After the death of Joan Blaeu in 1673, the firm's surviving stocks of plates and maps were sold, some to Frederick de Wit, Pieter Schenk and Gerard Valck. These arrangements included the Valcks who married into the Schenk family, the Verseyls, De Wits, and the Mortier-Covens group. Intermarriage between this latest group resulted in a publishing company that lasted for nearly 200 years. Another member of this line, the Visschers—the patriarch was a student of Hondius—managed to acquire the copper plates from the Kaerius family who, geneologically speaking, belonged to the Hondius group, and aided the fortunes of the Blaeu group.

The Ortelius line constituted the third major force in cartography. It became

the major competitor to Hondius' clan. Their intermarriages involved the Cool family, the Plantin- Moretus group, and the Vrients family. Their sizeable pool of talents included publishers, a mathematician, colourists, and ensured that some family members received commissions to publish the famed *Theatrum Orbis*. The Vrients became the successors to Abraham Ortelius and heirs to his maps.

In the end, the best combination of enduring influence would involve endogamous marriage to create a sufficiently wide pool of talents that could serve the world of cartography in the most handsome terms.

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Author **Will van den Hoonard** is Chair of this Interest Group. He is a Professor Emeritus in the Department of Sociology, University of New Brunswick, Fredericton, NB.

Check out the full set of conference photos (compliments of Alberta Wood) at:

www2.snapfish.com/thumbnailshare/AlbumID=1325721008/a=98982358_28751479/





Map Production Technology Accessibility

From a map production technology perspective, the Geomatics Atlantic 2009 was an interesting conference for me. I learned that a lot of effort is being put into providing a way for “lay people” to use spatial data to create a communication product (map). A lay person refers to an individual who does not use the technology of geographic information systems as a part of his/her normal activities. Those who do use this technology on a daily basis, in a professional environment, tend to forget that it is not second nature nor readily available to the public – or is it?

Map and GIS librarians spoke about how they assist students and faculty with the desired input and/or output for their project. How can they enhance data analysis as well as “de-stress” the communication piece? They must judge how much the person needs to know in order to point them in the direction of the solution. This relationship is critical to students and faculty.

“GIS helpers” are cropping up in communities. They have varying degrees of knowledge in regards to geospatial work and assist in providing tools for the communication of spatial

... wants to press the “Make a map” button and gets impatient upon discovering that what they want to do is not instantaneous.

information at a community level. Open source applications are used to collect, store and share information. Free web mapping services enable specific community groups, or groups of interested people within a specific community, to provide information to the greater public about the values within their community. Others can add to this information creating a larger community. The possibilities are indeed endless.

Applications are being built to provide a “point and click” environment for symbolizing data sets such as census data. Users can create a “picture” of their analysis and share that with the greater community.

All of this requires a significant amount of behind-the-scene work; from the data preparation to the citizen with a little bit of knowledge. I always cringe when a colleague says he/she just wants to press the “Make a map” button and gets impatient upon discovering that what they want to do is not instantaneous.

Technological advancements in communicating spatial information can make a person look like a hero. Remember, though, all of the behind-the-scene work that goes in to creating these environments and opportunities. I like to think of it as keeping it all in perspective.

With this being my final contribution to Cartouche, I wish Paul Wozniak the best as he takes on the role of Chair of the Map Production Technology Interest Group. I know I look forward to his perspective toward map production technology in the future.

Author **Lori Martin** is retiring Chair of this Interest Group. She is a Cartographic Applications Officer at the Ministry of Transportation – Geomatics Office in St. Catharines, ON.

» FROM PAGE 5 » RYLE

promised. This program allows you to create a script containing multiple rules for renaming files or folders. There are a variety of options, including removing spaces, adding a date, changing the file creation date, and adding, removing, or changing text.

The only issue I had was actually due to a Security Update from Microsoft Windows XP, which intentionally prevents some web application features from working properly. Consequently, the Help for Rename doesn't display any text. If YOU trust the site and files, the solution is to install Rename on

your local computer, right-click on the file rename.exe, select Properties, and click on Unblock. If you install Rename elsewhere, the solution appears to be to make changes to your Registry, which I am loath to try since if done incorrectly, this has the potential to cause serious problems requiring you to reinstall your operating system. Yikes! I'd be in big, big trouble with I.T.! As before, my caveats are read the documentation, always check for supported software\platforms and software conflicts, and when in doubt check the user forum.

Author **Fiona Ryle** is Chair of this Interest Group.

Orienteering Event June 10, 2009

CCA Orienteering 2009, Acadia University, Nova Scotia



PHOTO CREDIT: ADA CHEUNG

From left to right: Jim Blanshard, wee Blanshard, Scott W., Lori, Roger, Fiona, Mike, Fred, Mathieu, Julia, Jan, Dawn, Frances, John, Scott T, Vic, Tim.

The almost annual orienteering event generated a new map for the first time, created by COGS student Lucy Hughes (see map and article on following page), covering the University of Acadia campus. This gave us a chance to visit the elevation layers of the campus, the Botanical Gardens and some obscure building corners that otherwise don't see much action.

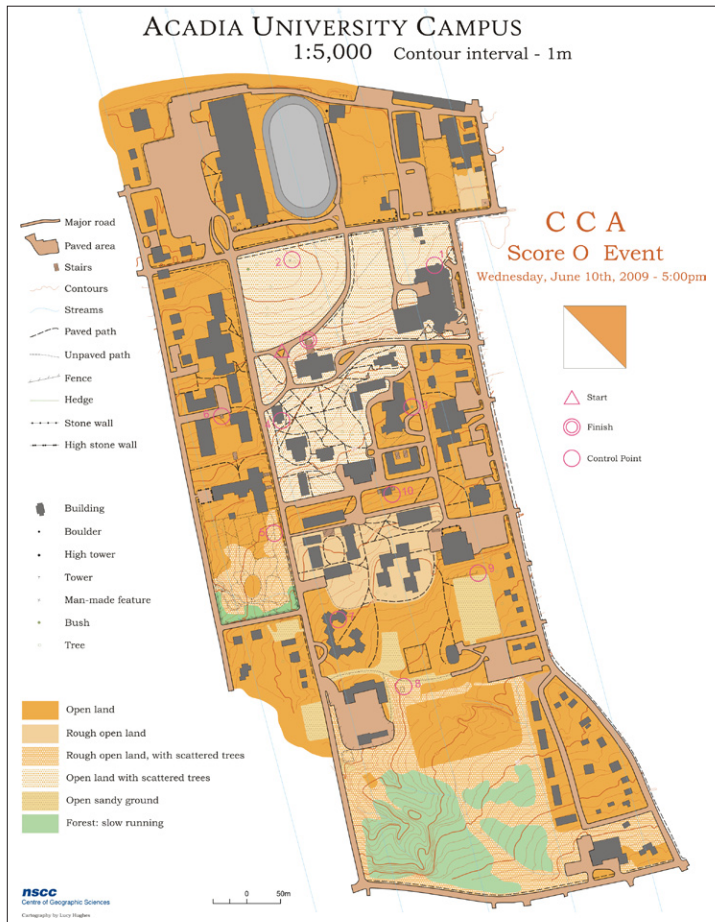
Tim Wykes showed a stratospheric improvement since disappearing in the 2003 event (although found later in the pub) to win the event and a sporty COGS top. Dawn Mooney was close behind as the first lady and possibly first repeat winner. Lori and Fiona beat the CCA field in maximizing orienteering time; entries were supplemented by local competitors. Many thanks to Lucy, Jim Blanshard and Ada Cheung for organizing the event.

Submitted by **Roger Wheate**.

CCA Orienteering Results (Participant / Minutes:Seconds)

Tim Wykes	17:35:00	Vic Dohar.....	26:48:00
Dawn Mooney.....	17:54:00	Scott Waechter.....	26:59:00
Roger Wheate.....	17:54:00	Jan Mersey.....	31:33:00
Mathieu Noble.....	19:09:00	Julia Siemer.....	31:33:00
John Fowler.....	19:42:00	Frances MacKinnon.....	31:33:00
Mike Goodchild.....	21:07:00	Ada Cheung.....	33:35:00
Fred Hutchinson.....	26:24:00	Lori Martin.....	35:12:00
Scott Tweedy.....	26:48:00	Fiona Ryle.....	35:12:00

Acadia University Orienteering Map



Editor's Note: This image has been reduced in size from the original, reducing clarity and changing the stated scale.

I'm glad I had the opportunity to try this kind of map as I have ambitions to create and update maps for Orienteering clubs in the future. This area was luckily very open and relatively easy (even so, my map is riddled with omissions and errors). I look forward to learning OCAD and editing this project into a useable state.

Author **Lucy Hugues** is in the diploma program in Cartography at COGS (Lawrencetown, Nova Scotia).

This was my first attempt at creating an orienteering map... Growing up I was involved with an orienteering club and later became part of a team in New Brunswick. Apart from being a thrilling sport and meeting a collection of very interesting people, it was my first introduction to maps and resulted in my fascination with them.

Orienteering maps are meant to be extremely detailed and are usually constructed in a program called OCAD, though this one was made entirely in CorelDRAW X4. I would have braved learning OCAD for this project, but once I'd begun in Corel, there was no way to transfer the work already done into OCAD.

Since there was no vector data available at the large scale I needed, I ended up digitizing all features from a 1:10,000 aerial photograph of the Acadia Campus and surrounding area. The contours were taken from a mylar sheet of Wolfville, georeferenced and then digitized. This was not the most time consuming aspect of the map, however. I had to visit the area several times to ground-truth, as vertical features such as fences didn't appear in the photo. Getting their location as correctly as possible and identifying mystifying objects in the photo were a major issue. It has taught me categorically that orienteering maps require a great deal of inspection on the ground, and that this is the norm in order to produce an accurate rendition of the area. Orienteers possibly more than anyone appreciate a map that shows the most indistinct of streams, the hint of a path, the slightest change in vegetation and the merest suggestion of a swamp.

Announcements

Proposed Interest Group Change of Name

The Executive Committee has proposed the a change in name of the Analytical Cartography and GIS Interest Group to Geovisualization Interest Group.

Members in attendance at the Annual General Meeting will cast their vote to change the name or retain the current name.

UPDATE: This item was brought before the AGM, but had to be placed on hold. For details and comments respectively, see AGM Minutes and Fiona Ryle’s column.

Treasurer Needed (very shortly – email R. Wheate to volunteer)

We seek to fill the position of treasurer starting any time between June to December 2009.

Executive positions usually run for a (minimum) period of two years. The current treasurer’s term expires at the upcoming annual meeting, but he has indicated he could continue until the end of the year. Any volunteers or nominations of for further information, please contact Roger Wheate: wheate@unbc.ca (CCA Nomination Committee).

UPDATE: TREASURER FOUND. Paul Heersink has volunteered to assume the treasurer responsibilities from John Fowler on January 1, 2010. More details and exciting photos next issue.

Welcome New Members

Lucy Hughes and Barbara Pietersma

THANK YOU 2009 CONFERENCE ORGANIZING COMMITTEE!



From left to right: Dave Keefe, Colin MacDonald, Dan Duda, Fred Hutchinson, Jeff Parks, Ada Cheung, James Boxall, Heather Thomas, Bruce Hicks, Tim Webster, Doug Foster

PHOTO CREDIT: ALBERTA WOOD

34th Annual General Meeting Minutes

Wednesday, June 10, 2009 – Wolfville, Nova Scotia

Approval of the Agenda - 24 members present at 12:10 pm.

Approval of the minutes from the 33rd Annual General Meeting, May 15, 2008 - Not up for approval due to lack of a quorum.

Matters arising from the 33rd Annual General Meeting minutes - None

Reports from the Executive and Appointees - These were reviewed as handed out. Suggestion that deal with some of this by email. Also, may need to review numbers for the quorum.

- President - Report in package
- Vice-President
- Past-President - Nomination Committee report in package
- Secretary - Report in package
- Treasurer - Report in package
- Interest Group Chairs
- Analytical Cartography/GIS - Report in package - Discussion regarding the proposed name change for the interest group to GIS & Geovisualization IG. Suggestions made: Analytical GIS, GIS and Spatial Analysis, Postponed further discussion. The Chair will send something.
- Education - Report in package - No additional discussion.
- Map Use and Design - Report in package - The possibility of using Geovisualization in this group name was noted.
- Map Production Technology - Report in package - Mapping Technology was suggested as a new name. Also suggested was Map Publishing or Mapping Technology and Publishing.
- History of Cartography - Report in package
- Cartouche Editor - Report in package - Cliff noted the new online version.
- Membership Coordinator - Report in package - No additional discussion.
- Canadian National Committee for ICA - Report in package - Jan noted that there will be a meeting this year in Chile. There are funding issues for people. Eric Kramers and Yvan Desy were approved for funding, but not our incoming VP Donna Williams. Dan Duda is collecting maps for the Canadian contribution to the map display. She noted the Children's Map Competition which Karen V. is working on this Meeting of the committee tomorrow.
- Cartographica Editorial team - Byron is seeking a successor. Cliff noted that the next issue being worked on is 44-3 a special issue on cognition. There are 3 papers in so far for 44-4.
- CCA web page - The change in web hosting was mentioned.

Conference Reports

- Wolfville 2009 - 230 registered of which 60-65 are CCA & ACMLA
- Regina 2010 - Julia Siemer reported that it is June 1 - 5 with Canadian Association of Geographers, Canadian Remote Sensing Society, and Geomorphologists. First day will be field trips and there will be a two day field trip afterwards. Alberta is to send Julia a list CCA Requirements and all the contact info.

Introduction of Incoming Executive; Appreciation of work by outgoing ExCom members.

- Dan Cole, President, Spoke a few words.
- Donna Williams, Vice President
- Paul Wozniak, Map Production IG
- As of December 31st, Paul Heersink will take over as Treasurer
- John was thanked for his years of service.

Election of Nominating Committee - Volunteers were called for and these spoke up: Roger Wheate, Byron Moldofsky, and Dan Duda.

Future of the Canadian Cartographic Association - Send out suggestions via Cartouche.

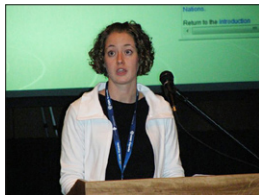
Any other business - Roger Wheate noted Cliff's unprecedented service of three terms as President.

Adjourned at 1:50 pm.

Submitted by **Alberta Auringer Wood**, CCA Secretary.

Student Zone

Best Student Paper, Mapping Awards and Prizes from Conference

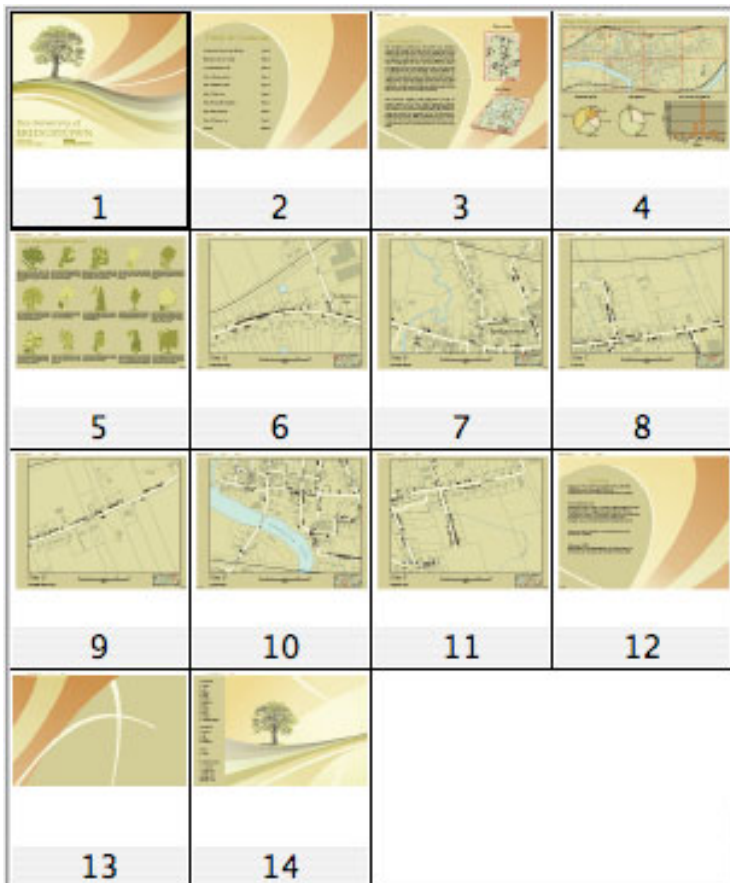


BEST STUDENT PAPER: Christine Homuth

M.A. Candidate, Department of Geography and Environmental Studies, Carleton University, Ottawa, Ontario, Canada.

Christine’s paper was titled: “Cybercartography for Education: A Multimedia, Interactive Approach for Teaching and Learning.” The award was \$100.00.

This presentation is part of a larger research project examining multimedia cartography, in particular Cybercartography, as an educational tool. Current thinking in both Cybercartography and education stresses that individuals use all senses in learning environments, have different learning styles, prefer to learn and teach in various formats, and are most effective in interactive and engaging environments. A Cybercartographic representation, or atlas, has the ability to address these concerns through multimedia and interactive elements using the Nunaliit Cybercartographic Atlas framework. Educational theories and advantages of web-based learning were introduced and emphasis placed on the ability of GIS and interactive cartography to deliver such formats.



NATIONAL STUDENT ONLINE MAP AWARD: Jonathan Pelley

Student, College of Geographic Sciences, Lawrence-town, Nova Scotia.

Jonathan’s submission was an “Atlas of Bridgetown Tree Inventory, Nova Scotia.” The award was \$400.00. See the CCA website <www.cca-acc.org/cca-nrc009.asp> to examine the full scale version of the thumbnail series at right or to review all the entries received.

PRIX CARTO-QUÉBEC AWARD: Daniel Beaulieu-Gagnon

Student, Université Chicoutimi, Québec. The title of Daniel's map: "Night-Time Dining in Saguenay: A Geographic Perspective." "Se restaurer à Saguenay: nuit et jour." The award was \$500.00.

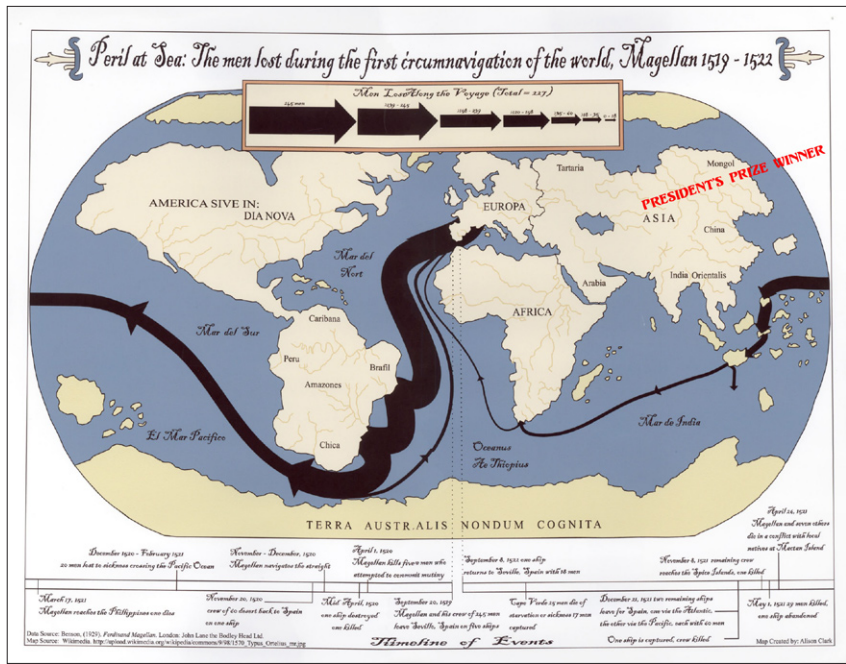


Ce projet a pour objectif de faire la lumière sur la géographie de la nuit à Ville de Saguenay. La comparaison avec le jour est l'aspect principal à analyser (distribution). L'influence de la nuit sur les enjeux socio-économiques est aussi représentée. Des diagrammes de type radar ajoutent à l'information. Ils représentent le nombre d'établissements en opération selon les jours et les heures. Des photos de restaurants de la ville viennent agrémenter le tout et donnent un aperçu du paysage de la vie à Ville de Saguenay au Québec.

In this poster, the author discusses the geography of the night in the city of Saguenay, Quebec. The main objective of this research is to document differences between places to eat (restaurants, lodging, bars) in the nighttime and the daytime. See <www.cca-acc.org/carto-quebec.asp>.

PRESIDENT'S PRIZE: Alison Clark

Student, University of Victoria, British Columbia. Alison won the annual CCA President's Prize for her map entitled: "Peril at Sea: The men lost at sea during the first circumnavigation of the world, Magellan 1519-1522". The award was \$100.00.



Alison states that her design objectives in creating this map were to create a unique map that illustrated the great loss of life that occurred during the first circumnavigation of the globe under the command of Ferdinand Magellan. She found the best means to portray this amazing journey was through a flow map, using range-graded scaling to illustrate the number of men lost through either throughout or at specific points during the voyage.

A timeline was also created along the bottom of the map to document these losses of life. Both the flow map and timeline data begin and end at the ship's home port in Spain. Data were taken from the text Ferdinand Magellan by E.F. Benson (1929), and a map of the world created shortly after the voyage ended was used in order to best portray the view of the world at the time. See <www.cca-acc.org/presidents-prize.asp>.

Submitted by Clifford H. Wood, Past-President of the Association.

All Members

The Inside Scoop: Members' Key Resources

B.C. Government Online Mapping Websites

"The website I use most often in teaching and general reference is hosted by the BC Integrated Land Management Bureau, Land and Resource Data Warehouse: 'iMapBC' : Go to <http://www.lrdw.ca/> and select '/iMapBC - make a map/'.

This online mapping website opens with a Landsat mosaic of the Province of BC, which can be replaced by a host of other imagery and base map layers. Larger scale zooms reveal the provincial 1:20,000 mapping including 20m contours and 1m orthophotography, which enable outdoor recreationers to view and screen capture a detailed image-map, although current trails are missing from the layers options. In addition to adding and removing layers, users can design their own maps with colour selection of some vectors, and multiple relief depiction options. I'd be interested to know if any other provinces have anything similar?

The BC Ministry of Energy, Mines and Petroleum Resources has an equally impressive resource at <http://www.mapplace.ca/>. The Equivalent map display is accessed somewhat illogically via the links: /Thematic maps - General B.C. Map/, with some additional layers not in iMap, such as earthquakes and volcanoes, and the NTS map grids. This site has the minor disadvantage that the map display requires the (free) activeX add-on, which restricts users to the Internet Explorer browser. In addition to the many resources relating to the geology, terrains and soils of BC, the '/Other data and map links/' connect to an extraordinary number of other resources including webmapping sites for many BC cities and municipalities."

Contributor: **Roger Wheate** is the GIS Coordinator, UNBC, Prince George, British Columbia

Editor's Note: Last issue, the first few notable websites that Joe Piwowar had recommended were published in this column. This issue, the remainder from his list are provided below.

<http://earthobservatory.nasa.gov/>

"NASA's Earth Observatory. What's cool about this site is that you can subscribe to get a daily or weekly email of a bunch of very interesting satellite images."

<http://www.spatial ecology.com/htools/tool desc.php>

"Hawth's Analysis Tools for ArcGIS. This is a set of free ArcGIS tools that do wonderful things."

www.dnr.state.mn.us/mis/gis/tools/arcview/extensions/DNRGarmin/DNRGarmin.html

"DMR Garmin Application. Quoting from the website: This extension was built to provide users the ability to directly transfer data between Garmin GPS Handheld receivers and various GIS software packages. Using this program a user can use point features (graphics or shapefile) and upload them to the GPS as Track Logs or Routes. Conversely, Waypoints, Track Logs, and Routes collected using the GPS can be transferred directly to ArcView/ArcMap/Google Earth/Landview and saved as Graphics or Shapefiles."

Contributor: **Joe Piwowar** is an Associate Professor, Canada Research Chair in Geomatics & Sustainability, and Director, TERRA Lab at the Department of Geography, University of Regina, Regina, Saskatchewan.

The Inside Scoop: Members' Key Resources is edited by **Patricia Connor**, Cartouche Editor and Director of Cartographic Services, Geography Department, University of Western Ontario. Send submissions to connor@uwo.ca.

Education Opportunity

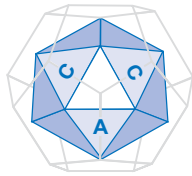
Department of History, Geography and Biology, Memorial University of Newfoundland

Dr. Arn Keeling, Department of Geography, Dr. John Sandlos, Department of History and Dr. Yolanda Wiersma, Department of Biology are seeking two graduate students at the MA level to work on the project, "Abandoned Mines in Northern Canada: Historical Consequences and Mitigation of Current Impacts". Funding for these positions is contingent on the success of a current grant application.

Position Available: Two Year Masters (MA or M.Sc.) in Geography

Using facilities in Dr. Yolanda Wiersma's Landscape Ecology and Spatial Analysis (LESA) Lab in the Biology Department at Memorial University of Newfoundland, the successful graduate student will use ESRI ARCInfo GIS software to analyze landscape and ecological changes in the regions surrounding our five case study communities.

Submitted for distribution by Cliff Wood.



Quarterly Newsletter of the
Canadian Cartographic Association/Association canadienne de cartographie
www.cca-acc.org

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Barbara Petchenik International Children's Map Competition

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