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CARTOUCHE

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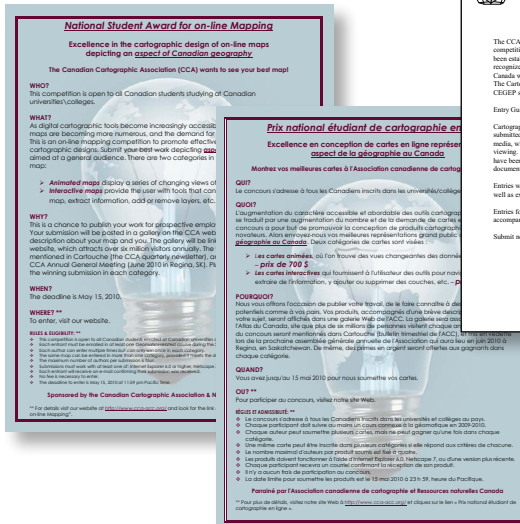
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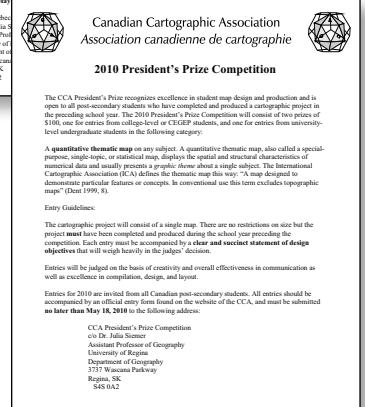
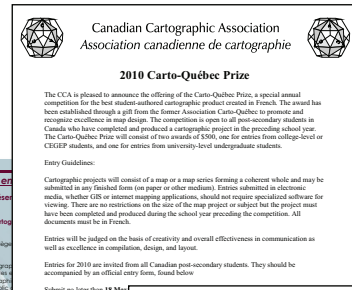


PHOTO CREDIT: Gerald Stark, 2009. Pictured here: Diane Stark examining the entries for the 2009 CCA Mapping Prizes.

Prizes for Students Working Their Magic with Maps



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Quarterly Newsletter of the
Canadian Cartographic Association/Association canadienne de cartographie

www.cca-acc.org

<http://www.cca-acc.org/cca-nrccurrent.asp>



Source: http://commons.wikimedia.org/wiki/File:Lodz_-_Stoki,_park.jpg

Editor's Notes



Best wishes for the new year: I wish you peace, love, laughter and good health.

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

This note follows the International Cartographic Conference held in Santiago, Chile, during the week of 15-21 November. The CCA and Canada were well represented at the conference. CCA members and other Canadian attendees accounted for at least twelve paper presentations and four poster presentations. The reason that I state “at least” is, after all, because the CCA is an international organization, and so I am sure that I have missed some CCA members in the above counts. Numerous slide shows from the conference can be viewed under the Gallery Photos tab at <http://www.icc2009.cl/index.html>. And Canada had three entries in the Children’s Map Competition by two children from Lillooet, BC and one from London, Ont.

Congratulations to NRCan! The ICC2009 International Cartographic Exhibition jury results awarded first place to the Atlas of Canada Program, of Natural Resources Canada, in the Thematic Maps category with its submission of: Circumpolar Region – International Polar Year 2008. This map was one of eleven Canadian entries in the exhibition. See http://www.icc2009.cl/news_033.html for this and winners in other categories.

All things considered, the ICC2009 conference was a great gathering of cartographers from around the world. This conference was much more of a truly international conference than many others that are labeled as such. Personally, I am grateful for the exposure to other techniques, methods, ideas and people from the other continents. Meanwhile, we can look forward to the next CCA conference during early June in Regina, Saskatchewan. This meeting will be in conjunction with the Canadian Association of Geographers and the Canadian Remote Sensing Society. Joining our sister disciplines in this gathering should be a rewarding experience. I look forward to seeing many of you there.

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

VICE-PRESIDENT



Remembering the Last 20 Years in Mapping

I was recounting to a friend recently some changes in map production that I have witnessed and have been part of during the last 20 years. This made me realize just how far we have come. I was telling the story about convincing Jim Simmons to change a map we were developing for the 5th edition of the Atlas of Canada. It was during the transition that was taking place in production during and following that edition of the Atlas of Canada and I was lucky enough to be part of the team on the leading edge of these changes. Jim and I were working on the Migration map and it was a very special map for one important reason – it was the first map ever produced by and for the Atlas where manual compilation was not used.

This map was produced using ERSI's ArcInfo and one of my tasks was to create drafts to show Jim that the 3 by 3 by 3 matrix that he was proposing for colour was not going to work. Instead, and using the GIS technology of the day, we settled on a 3 by 3 matrix. This was important since 9 colours test the limits that most maps can handle. Without this technology, this type of experimentation would have taken many months, but we were able to reduce this stage of the project to weeks of work. Of course that doesn't compare to the time it takes today. Over the last 20 years of cartography there have been amazing changes in our ability to create maps more and more quickly...we now literally create maps from raw data in minutes.

While recounting this story, it dawned on me that we haven't collected a volume of papers on the impact that the revolution in technology of the last 20 years has had on cartography in Canada. We do have *Men and Meridians* and *Mapping a Northern Land*, but I feel we will be remiss as Cartographers if we do not make a similar contribution that captures these impacts and serves as a documentary of our achievements and offers future cartographers a history against which they can measure their advances. It could also serve as the third volume in a trilogy of Cartography in Canada.

These thoughts come as we are now in the conceptual stages of planning the next edition of the Atlas of Canada. This edition will incorporate current technology and when I pause to think during these planning sessions of how map production has changed, I feel the need to document the changes my generation of cartographers has witnessed. Therefore, I propose that we hold a special session or two at the upcoming CCA in Regina in which people present their views on the impacts technology has had the last 20 years and we initiate a discussion to determine if others share my idea. The possibility exists that papers presented in these sessions might give shape to such a volume.

Donna Williams (with help from my friend William Crumplin)

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.

PAST PRESIDENT



On-line Mapping Competition

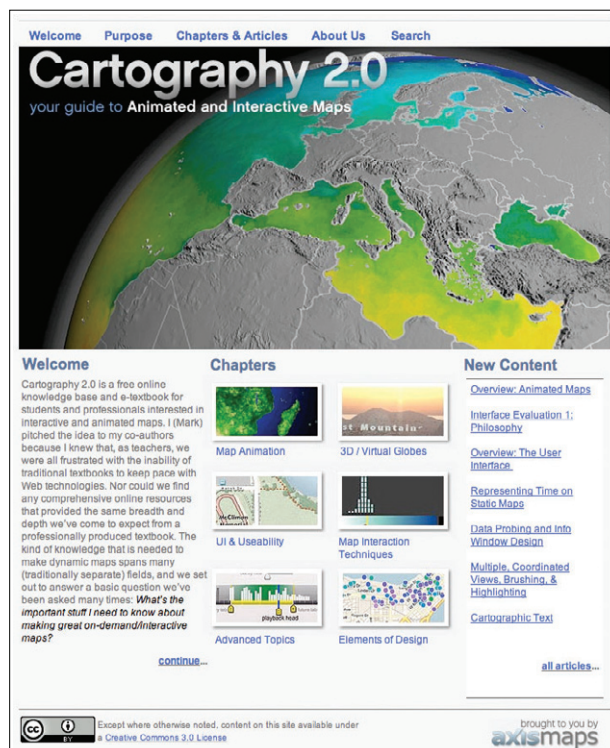
As a follow-up to last year's competition, the Canadian Cartographic Association (CCA) in conjunction with Natural Resources Canada will present an opportunity for Canadian students to show their design skills in creating animated and interactive maps depicting aspects of Canadian geography aimed at a general audience. These will be added to the CCA website for everyone to enjoy along with the ones already there of the static variety. See <http://www.cca-acc.org/awards.asp> for additional information, a poster, an entry form, and links to the 2009 competition entries. It will be updated with 2010 information very soon.

The prize for the best animated map is **\$700.00**, whereas that for the best interactive map is **\$900.00**. There is no static map category for 2010.

Professor Mark Harrower of the University of Wisconsin has just released an e-Book, entitled *Cartography 2.0 Animated & Interactive maps*: <http://cartography2.org/>. This on-line book provides details for producing animated and interactive maps. Students should avail themselves of this guide and enter their animated or interactive maps in the CCA on-line mapping competition.

CCA much appreciates the support of Natural Resources Canada in encouraging students to use their imagination and creativity to produce informative and interesting maps.

Author **Clifford H. Wood** is Past-President of the Association and Chair of the CCA Awards Committee. Cliff is a Professor (retired) from Memorial University and Co-Editor of *Cartographica*.



<http://cartography2.org/>



Handy Web-based Cartographic Tools

From Google Docs to myriad iPhone apps, web applications seem to be the way of the future. I'm not ready to toss out Illustrator or ArcGIS just yet, but a slate of new and improved web-based tools are out there and ready to make common cartographic tasks easier and more accessible. All four tools reviewed here are brought to us by Professor Mark Harrower of the University of Wisconsin, his spin-off company Axis Maps and his group of talented graduate students.

ColorBrewer 2.0

<http://colorbrewer2.org/>

I'll begin with the tried and true. ColorBrewer is an online tool that helps mapmakers select effective colour schemes. It has been around since 2002 and was originally designed by Cindy Brewer and Mark Harrower at Penn State. Like the original, the new 2.0 version invites users to select pre-tested colour schemes based on number of data classes, nature of the data (sequential, diverging or qualitative), and special requirements such as print-able, photocopy-able, and colourblind-safe; then symbolizes the chosen colours on a sample map. The new version has improved the trial symbolization by adding a terrain layer and allowing transparency. Colour schemes can also now be

exported directly to Illustrator or PhotoShop, and ColorBrewer can now run inside ArcGIS.

TypeBrewer

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

TypeBrewer plays on the ColorBrewer concept by allowing users to try out combinations of text on a sample map. Users can experiment with type families, styles, sizes and combinations; get recommendations for use on screen or for print, and export specifications. New updates to the application include more type options and a more customizable basemap – terrain can be turned on and off, label density can be adjusted and tracking can be changed. While I've never found TypeBrewer to be as intuitive to use or as potentially able to dramatically improve map design as ColorBrewer, I do find it a useful product for students learning about map typography.

MapShaper

<http://mapshaper.org/>

MapShaper is a line and polygon generalization tool that has been in development since 2005, and there is unfortunately no indication that any work has been done on it since 2008. The demo (alpha testing) version allows users to upload their own shapefile, interactively simplify and smooth linework using a variety of

algorithms, and export edited layers as .shp or .eps. Both my students and I have had good results with this application and find it more accessible than ArcGIS generalization tools and more effective than line smoothing algorithms in graphics programs such as Illustrator.

IndieProjector

<http://indiemapper.com/projector.html>

The web is full of sites that allow users to interactively change the projection of a sample dataset (invariably world countries), but IndieProjector is the first application outside of a GIS that invites users to project their own data. IndieProjector opens .shp and .kml files, projects using 11 world and continental projections (complete with adjustment of standard lines and centering), and exports files as scalable vector graphics (.svg) for use in graphic editing software like Illustrator (or, for free, Inkscape). I've had good luck combining shapefiles in IndieProjector and even opening shapefiles missing .prj files, but I've also had back luck opening large shapefiles, and I'd love to see IndieMapper accept coordinates

>> SEE 'MOONEY' PAGE 9



Kirstine Colban: Norway's First Woman Cartographer

Remote, isolated, but surrounded by some of the world's richest fishing grounds, the Lofoten Islands were home of Norway's first woman cartographer, Kirstine Colban alias Stine Aas.

It was Roald Aanrud, now 81 years old, who discovered quite by coincidence in the 1980s Kirstine's work as a cartographer. He had come across a volume by Pastor Erik Andreas Colban, entitled, *Forsøg til en Beskrivelse over Lofodens og Vesteraalens Fogderie i Nordlands Amt*, (1818) whose work covered a "range of local topographical descriptions" that had come "drifting in the stream of Norway and national self-awareness around 1800." Exuberant attachment to Norway's "heroic past and its peasants" (Encyclopaedia Britannica, 1997) interested many Norwegians, including Kirstine, the Pastor's daughter in local topography.

Kirstine Colban was born in Bø in Vesteralen in 1791. Roald Aanrud tells us that as a very rational priest, her father encouraged the fishermen's wives to cultivate the ground because he believed that "the cultivated land is better done by clever women than by lazy men." Kirstine's mother, Karen Nattanaelsen Angel (1762-1853), was powerful. She relieved or cured many

illnesses, including the bubonic plague by herbal medications, ointments, and poultice with ingredients from her own herb garden. Kirstine, herself, received a good education. She was good in both Hebrew and Latin. She travelled extensively with her father. She was later the treasurer of a local governing council. Kirstine had an older sister and a young brother.

og Sunde" (see Fig. 1). Kirstine measured the map by ordinary milestone and by compass. The map's real standard is about 1:1.000.000. The map is significant in that it shows the complex topology and geography of the Lofoten Islands with their countless channels, bays, and islands. It must not have been easy to traverse the rough area. Oluf Olufsen Bagge in Copenhagen finished the map in copper stitching.

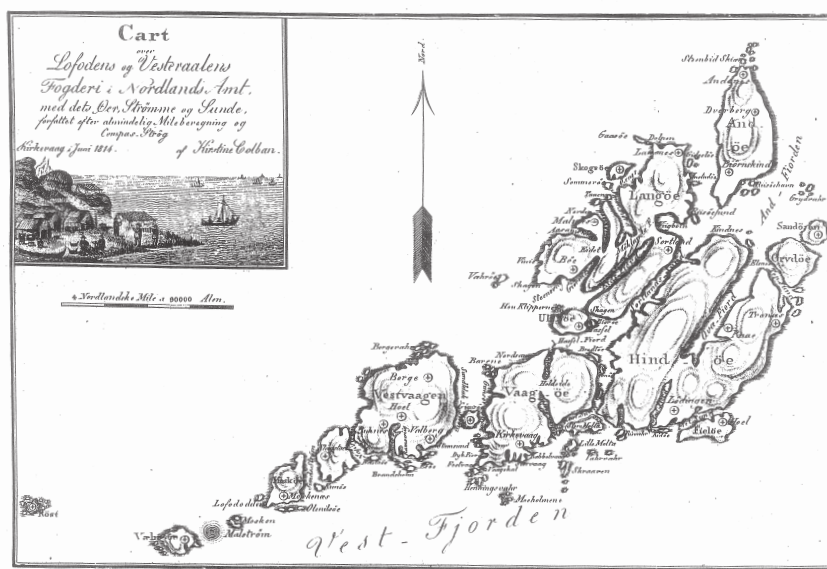


Figure 1. Map of Lofoten Islands, 1814

She was 23 years old when she finished her first known map "Cart over Lofodens og Vesteraalens Fogderie i Nordlands Amt, med dets Øer, Strømme

An antiquarian firm, Cappelens Antikvariat, describes this map as with a "small tear in title page, otherwise very nice."

She later took on the imaginative task of creating perspective maps that today evoke surprise and wonder for their artistic quality. In 1814, for example, she first created a delightful perspective map of the trading place of Finneset in Vågan. The French king Louis-Philippe stayed in the guesthouse there in 1795 on his way to North Cape, Norway (see Fig. 2).



Figure 2. Trading place Finneset in Vågan

My personal favourite is the perspective map of Kabelvåg (a watercolour painting) where she lived from 1797 to 1817 (see Fig. 3).



Figure 3. Kabelvåg

No less fascinating is her famed perspective map of Church of Vågan (Kjerkvågen) (see Fig. 4), an aquarell that captures the windswept landscape with a well-planned area around the church. The contrast between the natural and the human-made world is something that countless other painters have attempted to colour since Kirstine's time.

In 1817, 26 years old, Kirstine married widower John Henrich Aas who was 31 years her senior. A judge in Senja and Tromsø, John was also as an honorary



Figure 4. Church of Vågan (Kjerkvågen)

treasurer for his royal services in northern countries during the Danish rule. Kirstine fitted well into cultured circles. Aanrud describes Kristinn as "versatile and gifted." After her husband's death—five years into her marriage—her talents turned to reformist causes, and she began referring to herself only as "Stine Aas."

Along with her craft in map making, Stine Aas became one of Northern Norway's most distinguished painters; the Lofotmuseet (Museum of Lofoten) displays her paintings (which gave us permission to reprint them in Cartouche). As if maps and art were not enough, she was also wrote poetry. Her poetry was a testimony to her love for her parents and for Northern Norway. She wrote some of her poetry as songs for children. Dwelling on her literary output would take us too far afield from discussing her as a painter of perspective maps.

Stine Aas, moreover, devoted much of her time in helping the poor and in 1837, at the age of 46, she headed Norway's first kindergarten, "Trondhjems Asylum," inspired by the ideas of England's first socialist-industrialist, Robert Owen. Only one year later, she and her daughter moved to Christiania (Oslo), and here she introduced another home for infants: the "Grønland Asylum." Stine Aas's fame spread so wide that Henry Wergeland, Norway's poet, orator, nationalist, intellectual, and social reformer, celebrated her 50th birthday and produced a poem for the occasion. Stine Aas died in 1863, at the age of 72. Her cartographic and social-reformist legacies continued through her descendants.

Her son-in-law, Ole Hartvig Nissen (1815-1874), became a politician and the foremost representative of the democratization of schools. His legendary school in Christiania in 1849 was the first one to offer girls the same curriculum as boys.

Stine Aas' cartographic work, however, skipped a generation and came to rest on the shoulders of her grandson Per Schelderup Nissen (1844-1930) who alongside his duties as a General during Norway's most formative period, did notable work as cartographer and geographer, and, in 1900-1906, was Director of the Norwegian Geographic Survey. He produced the Economic Geographic Atlas of Norway in 1921, a precursor to the contemporary National Atlas of Norway. Per's son, Nils Kristian Nissen (1879-1968), became Norway's foremost map historian.



Figure 5. Kirstine Colban (aka Stine Aas)

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PERMISSIONS

Lofoton map by Colban: Sveinulf Hegstad, Photoarchivist, Tromsø Museum, Norway. Image Collection TSNF10034.

Perspective-map paintings: Marit Moen, Museum Adviser, Lofotmuseet, Kabelvåg, Norway.

Photo of Kirstine Colban (Stine Aas): The photo has so far an unknown source and I would appreciate anyone who could locate the original. Roald Aanrud (email to author, 18 November 2009) does not recall the location. The Oslo City Museum and the Tromsø

Museum do not have a copy. I ask the reader to inform me of any sources for the photo I am unfamiliar with.

NOTE OF APPRECIATION

I am grateful for the assistance and interest I received from Roald Aanrud, Kari Strande, Marit Moen of Lofotmuseet (Kabelvåg), and Sveinulf Hegstad of Tromsø Museum, Norway.

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

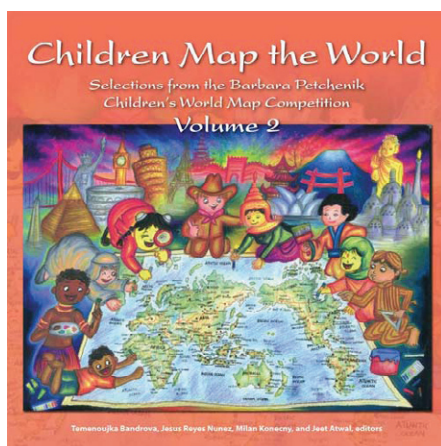
» FROM PAGE 6 » MOONEY

other than lat/long and include more projections.

All four applications are fantastically useful teaching tools and can be invaluable to practicing cartographers, especially those working without access to expensive software. All are free, independent of any software, cleanly designed and a pleasure to use.

Have you used IndieMapper or Map-Shaper, or any similar tools? I'd love to hear your thoughts. Let me know at dawn@chspr.ubc.ca.

Author **Dawn Mooney** is Chair of this Interest Group.



Children Map the World, Volume 2, showcases one hundred favorite world map drawings submitted to the Barbara Petchenik Children's World Map Competition 2005-2007. The map competition, sponsored by The International Cartographic Association, was created as a memorial to Barbara Petchenik, a cartographer who studied how children comprehend maps. The vibrant collection of maps in this volume presents varying perspectives on the theme "Many Nations-One World" from young artists, ranging in age from four to fifteen and representing 37 countries. Cartographers, geographers, educators, and children will take interest in the colorful maps presented in this book.

<http://esripress.esri.com/display/index.cfm?fuseaction=display&websitelD=163&moduleID=0>



Mapping of Olympic Proportions

As we settle into another season of short days and cooler temperatures, there is a light near the end of the winter tunnel. I speak of course about the upcoming XXI Winter Olympic Games in Vancouver/Whistler-Blackcomb British Columbia.

I think that I am not alone in getting somewhat caught up in the spectacle of these sporting events, despite certain political overtones. I am always drawn to seeing the best in the world competing in their chosen athletic disciplines. But I am also interested in a not so common element of such world gatherings. I believe that such events as the Olympic Games present both challenges and opportunities for a the host country's cartographic expertise to be show-cased to the rest of world.

The challenge is of course, that many thousands of visitors to the Olympic Games have never visited Canada or the Vancouver area before. Communicating the geography of an unfamiliar location to a visitor in a clear and concise manner is where good cartographic design is essential.

One of the main elements to design properly for the 2010 events, is route finding mapping products. It is interesting to note that the Vancouver 2010 games' logo is a stylized Inukshuk, which is an ancient stone structure used by the Inuit peoples of the Arctic to assist in navigation and communi-

cation in the vastness of the northern part of North America. A traditional meaning of these Inuit-built structures is "Someone was here" or "You are on the right path." (Source: www.inukshukgallery.com). This description has elements to which mapmakers can relate. Thus, the proper map design of features as Olympic venue locations and how to access them is, I believe, is critical. The system of public transportation information comes to mind here as well.

Fortunately, we now have the internet to aid in communicating important geographic information to visitors. A perusal of the web has provided several sites that have been developed to offer the visitor Olympic Games mapping information.

One of the first places to look over is the Vancouver 2010 Olympic Games official website (www.vancouver2010.com). If you click the 'More 2010 Information' tab and then select the 'Olympic Torch Relay' link, a map appears showing the not only the route but the current location of the 2010 torch relay as it travels across Canada.

As far as route mapping to Olympic venues is concerned, the Metro Vancouver public transportation (www.translink.ca) has several maps of various areas of the city, including Olympic venue locations available for viewing or downloading as PDFs.

Not to be outdone, Natural Resources Canada (NRCan) has developed a special edition map accessed via the GeoGratis portal. This map is a 1:250,000 scale map encompassing southern Vancouver Island up to and including the Whistler/Blackcomb ski area. The map, entitled VANCOUVER 2010 OLYMPIC AND PARALYMPIC WINTER GAMES REGION, is offered as a free downloadable PDF file via the CanTopo portal (see Cartouche – No. 75 Fall 2009, pg 8) on the GeoGratis site (www.geogratis.ca/geogratis/en/index.html). Although this map is purely a topographic map with no Olympic Games venues etc. indicated, it does give an idea of overall size of the area that the 2010 events will cover.

Although I cannot attend the events in Vancouver next February, I will be watching the televised version, especially the Biathlon and ski jumping competitions. I will also be thinking about the role the cartographer played in making such a world gathering a success.

I would also like to take this opportunity to wish all of fellow CCA members a Happy Holiday Season and a healthy and Happy 2010.

Author **Gerald Stark** is Chair of this Interest Group. Gerald is a cartographer at Alberta Agriculture and Rural Development in Edmonton, Alberta.



The Prairie Summit
La sommet des Prairies
Regina 2010
June 1-5

**Annual meetings of
the Canadian Association of Geographers
the Canadian Cartographic Association
the Canadian Geomorphology Research Group
the Canadian Remote Sensing Society**

The Department of Geography at the University of Regina invites you to participate in the first joint meeting of the Canadian Association of Geographers (CAG), the Canadian Cartographic Association (CCA), the Canadian Geomorphology Research Group (CGRG) and the Canadian Remote Sensing Society (CRSS). As the first joint meeting of these groups, the 2010 Prairie Summit promises to be a unique and special event. The symposium will provide a forum for sharing current research findings, and new research challenges and directions. We seek contributions presenting novel research in all aspects of cartography, geography, geomorphology, GIS and remote sensing.

We invite proposals for special-theme sessions focused on any topic of interest. We particularly encourage proposals that span cross-disciplinary themes of the sponsoring associations, for example climate change, H1N1, etc.

Note the following deadlines

- Special session proposals: February 1, 2010
- Abstract submission: March 1, 2010
- Author registration: April 1, 2010

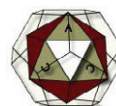
(At least one author must register by the author registration deadline to prevent their abstract from being removed)

All abstracts (in either English or French) of 200 words or fewer must be submitted electronically. For more details, please refer to the abstract submission instructions on the conference's website at <http://prairiesummit.uregina.ca>. Papers and posters may be presented in either English or French; however, simultaneous translation will not be provided.

Travel subsidies are available to students to attend the 2010 Prairie Summit. Please see <http://prairiesummit.uregina.ca> for details.

A very special part of the Prairie Summit will be field trips highlighting the unique human and physical geography of Regina, Moose Jaw, the Qu'Appelle Valley, the Avonlea Badlands, the Cypress Hills and the Great Sand Hills.

Mark your calendars now so you don't miss this special event!



**Les congrès annuel du
l'Association Canadienne des Géographes
l'Association Canadienne de Cartographie
le Groupe Canadien de Recherche en Géomorphologie
la Société Canadienne de Télédétection**

Le Département de géographie de l'Université de Regina vous invite à vous joindre à la première rencontre commune de l'Association canadienne des géographes (ACG), de l'Association canadienne de cartographie (ACC), du Groupe canadien de recherche en géomorphologie (GCRG) et de la Société canadienne de télédétection (SCT). Ce Sommet des Prairies 2010 promet donc d'être un événement exceptionnel et la tribune idéale pour partager les derniers résultats de recherche, les nouveaux défis et de nouvelles voies de recherche. Nous recherchons des communications présentant des recherches novatrices dans tous les aspects de la cartographie, la géographie, la géomorphologie, des GIS et de la télédétection.

Nous vous invitons à soumettre des propositions de séances thématiques portant sur tout sujet d'intérêt. Nous encourageons tout particulièrement les propositions abordant des thèmes transversaux des associations organisatrices comme par exemple, le changement climatique, H1N1 et autres.

Dates limites importantes

- les propositions de séances thématiques : 1^{er} février 2010
- la soumission des résumés : 1^{er} mars 2010
- l'inscription de l'auteur : 1^{er} avril 2010

(Au moins un des auteurs doit s'inscrire avant cette date sous peine de voir le résumé soumis retiré)

Tout résumé, en français ou en anglais, de 200 mots maximum, doit être soumis par courrier électronique. Pour en savoir plus, veuillez vous référer aux directives fournies à ce sujet à <http://prairiesummit.uregina.ca>. Les communications et affiches peuvent être présentées en français ou en anglais, mais il faut noter qu'aucun service d'interprétation simultanée ne sera disponible lors du colloque.

Des subventions de voyage sont disponibles pour aider les étudiants à assister au Sommet des Prairies. Veuillez consulter <http://prairiesummit.uregina.ca> pour en savoir plus.

Des visites mettant en valeur la géographie humaine et physique exceptionnelle de Regina, Moose Jaw, de la vallée Qu'Appelle, des badlands d'Avonlea, des collines Cypress et des Great Sand Hills constitueront des temps forts du Sommet des Prairies.

Ne manquez pas cet événement: inscrivez dès maintenant ces dates dans votre agenda!

<http://prairiesummit.uregina.ca>

Announcements

Introducing Christine Homuth, Incoming Student Representative



Please welcome Christine Homuth as the student representative to the Executive Committee. She is currently in her second year of a Masters program in Geography at Carleton University, in Ottawa. Ms. Hormuth was the winner of the student paper competition at the CCA's annual meeting in Nova Scotia last June.

CCA President's Map Prizes Increased to \$200 Per Prize

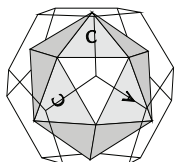
At the executive meeting in October, a motion was passed to put more money into the static map prize category ... "the two President's Prize categories for a static map by undergraduates at universities and colleges/CEGEPS were raised from \$100 to \$200." The flyer and entry form for these prizes appear in this issue of *Cartouche*.

Travel Assistance for the 2010 CCA Conference, Regina, Saskatchewan – June 1-5, 2010

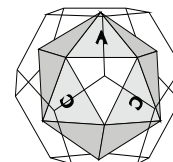
Watch the conference website (<http://prairiesummit.uregina.ca>) for information on student travel grants. Any CCA member may apply for travel assistance through our association. Our treasurer, Paul Heersink has provided the following information on the CCA travel policy:

- travel assistance can be provided to members of the executive for attending executive meetings (includes air fare & accommodations);
- the CCA receives (after applying for it) a travel grant from the Social Sciences and Humanities Research Council of Canada;
- the CCA dedicates about half of this to assist with student travel;
- all eligible members must submit a request for travel assistance to the treasurer (contact Paul to obtain the form);
- priority funding goes to those members who contribute to the AGM;
- travel funding will not be advanced;
- priority funding given to those who have been members for at least a year;
- travel expenses can include transportation (no meals or accommodations)

Student Zone



Canadian Cartographic Association *Association canadienne de cartographie*



2010 President's Prize Competition

The CCA President's Prize recognizes excellence in student map design and production and is open to all post-secondary students who have completed and produced a cartographic project in the preceding school year. The 2010 President's Prize Competition will consist of two prizes of \$100, one for entries from college-level or CEGEP students, and one for entries from university-level undergraduate students in the following category:

A **quantitative thematic map** on any subject. A quantitative thematic map, also called a special-purpose, single-topic, or statistical map, displays the spatial and structural characteristics of numerical data and usually presents a *graphic theme* about a single subject. The International Cartographic Association (ICA) defines the thematic map this way: "A map designed to demonstrate particular features or concepts. In conventional use this term excludes topographic maps" (Dent 1999, 8).

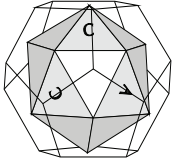
Entry Guidelines:

The cartographic project will consist of a single map. There are no restrictions on size but the project **must** have been completed and produced during the school year preceding the competition. Each entry must be accompanied by a **clear and succinct statement of design objectives** that will weigh heavily in the judges' decision.

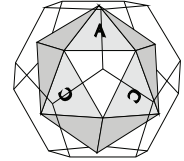
Entries will be judged on the basis of creativity and overall effectiveness in communication as well as excellence in compilation, design, and layout.

Entries for 2010 are invited from all Canadian post-secondary students. All entries should be accompanied by an official entry form found on the website of the CCA, and must be submitted **no later than May 18, 2010** to the following address:

CCA President's Prize Competition
c/o Dr. Julia Siemer
Assistant Professor of Geography
University of Regina
Department of Geography
3737 Wascana Parkway
Regina, SK
S4S 0A2



Canadian Cartographic Association *Association canadienne de cartographie*



2010 Carto-Québec Prize

The CCA is pleased to announce the offering of the Carto-Québec Prize, a special annual competition for the best student-authored cartographic product created in French. The award has been established through a gift from the former Association Carto-Québec to promote and recognize excellence in map design. The competition is open to all post-secondary students in Canada who have completed and produced a cartographic project in the preceding school year. The Carto-Québec Prize will consist of two awards of \$500, one for entries from college-level or CEGEP students, and one for entries from university-level undergraduate students.

Entry Guidelines:

Cartographic projects will consist of a map or a map series forming a coherent whole and may be submitted in any finished form (on paper or other medium). Entries submitted in electronic media, whether GIS or internet mapping applications, should not require specialized software for viewing. There are no restrictions on the size of the map project or subject but the project must have been completed and produced during the school year preceding the competition. All documents must be in French.

Entries will be judged on the basis of creativity and overall effectiveness in communication as well as excellence in compilation, design, and layout.

Entries for 2010 are invited from all Canadian post-secondary students. They should be accompanied by an official entry form, found below

Submit no later than **18 May 2010** to:

Carto-Québec Prize
c/o Dr. Julia Siemer
Assistant Professor of Geography
University of Regina
Department of Geography
3737 Wascana Parkway
Regina, SK
S4S 0A2

CCA Prizes Entry Form 2010

Map Title: _____

First and Last Name: _____

Permanent Address: _____

Award:

- ☐ **President's Prize** ☐ **Carto-Québec Prize**

Post-secondary category:

- ☐ **College or CEGEP** **Year or Level: 1 2 3 4 5**
☐ **University**

President's Prize Category:

- ☐ **Quantitative Thematic Map**

Instructor's name and course name/number: _____

In a clear and concise manner, state your design objectives of your project and provide a rationale for your design choices:

In order to be eligible, this form must be submitted with your entry. Entries must be received no later than 18 mai 2010. No entries will be accepted after that date.

Send entries to: CCA President's Prize or Carto-Québec Prize
c/o Dr. Julia Siemer
Assistant Professor of Geography
University of Regina
Department of Geography
3737 Wascana Parkway
Regina, SK
S4S 0A2

National Student Award for on-line Mapping

**Excellence in the cartographic design of on-line maps
depicting an aspect of Canadian geography**

The Canadian Cartographic Association (CCA) wants to see your best map!

WHO?

This competition is open to all Canadian students studying at Canadian universities\colleges.

WHAT?

As digital cartographic tools become increasingly accessible and affordable, on-line maps are becoming more numerous, and the demand for on-line maps is increasing. This is an on-line mapping competition to promote effective and innovative on-line cartographic designs. Submit your best work depicting aspects of Canadian geography aimed at a general audience. There are two categories in which you can submit your map:

- **Animated maps** display a series of changing views of the map data. **\$700 prize**
- **Interactive maps** provide the user with tools that can be used to navigate the map, extract information, add or remove layers, etc. **\$900 prize**

WHY?

This is a chance to publish your work for prospective employers and your peers to see. Your submission will be posted in a gallery on the CCA website, along with a brief description about your map and you. The gallery will be linked to the Atlas of Canada website, which attracts over six million visitors annually. The winners will also be mentioned in Cartouche (the CCA quarterly newsletter), and showcased at the next CCA Annual General Meeting (June 2010 in Regina, SK). Plus, there is a cash award for the winning submission in each category.

WHEN?

The deadline is May 15, 2010.

WHERE? **

To enter, visit our website.

RULES & ELIGIBILITY: **

- ❖ This competition is open to all Canadian students enrolled at Canadian universities and colleges.
- ❖ Each entrant must be enrolled in at least one Geomatics-related course during the 2009-2010 academic year.
- ❖ Each author can enter multiple times but can only win once in each category.
- ❖ The same map can be entered in more than one category, provided it meets the definition of each category.
- ❖ The maximum number of authors per submission is four.
- ❖ Submissions must work with at least one of: Internet Explorer 6.0 or higher, Netscape 7 or higher.
- ❖ Each entrant will receive an e-mail confirming their submission was received.
- ❖ No fee is necessary to enter.
- ❖ The deadline to enter is May 15, 2010 at 11:59 pm Pacific Time.

Sponsored by the Canadian Cartographic Association & Natural Resources Canada

** For details visit our website at <http://www.cca-acc.org/> and look for the link called "National Student Award for on-line Mapping".

National Student Award for on-line Mapping

**Excellence in the cartographic design of on-line maps
depicting an aspect of Canadian geography.**

The Canadian Cartographic Association (CCA) wants to see your best map!

Fill out one entry form per submission, listing all authors on one form.

The deadline is May 15, 2010 **

You will receive an e-mail confirming receipt of your entry to the competition. Winners will be contacted via e-mail and will be announced on the CCA website on June 1, 2010. **

To enter, submit this form to one of:

- ❖ E-mail to: Daniel G. Cole, CCA President, at coled@si.edu
- ❖ On-line at: <http://www.cca-acc.org/> **

Family name:

Given name:

E-mail:

Phone number:

Mailing address:

Category:

Purpose:

Animated / Interactive (circle all that apply)

Data sources:

Software(s) used:

Academic Institution:

Academic program:

Geomatics course:

Instructor:

Are you a CCA member: Y / N

How did you hear about the competition: Instructor / Student / CCA Website / Other

Sponsored by the Canadian Cartographic Association & Natural Resources Canada

** For details visit our website at <http://www.cca-acc.org/> and look for the link called "National Student Award for on-line Mapping".

Prix national étudiant de cartographie en ligne

Excellence en conception de cartes en ligne représentant un aspect de la géographie au Canada

Montrez vos meilleures cartes à l'Association canadienne de cartographie (ACC)!

QUI?

Le concours s'adresse à tous les Canadiens inscrits dans les universités/collèges au pays.

QUOI?

L'augmentation du caractère accessible et abordable des outils cartographiques numériques se traduit par une augmentation du nombre et de la demande de cartes en ligne. Notre concours a pour but de promouvoir la conception de produits cartographiques efficaces et novateurs. Alors envoyez-nous vos meilleures représentations grand public d'un **aspect de la géographie au Canada**. Deux catégories de cartes sont visées :

- **Les cartes animées**, où l'on trouve des vues changeantes des données cartographiques – **prix de 700 \$**
- **Les cartes interactives** qui fournissent à l'utilisateur des outils pour naviguer sur la carte, en extraire de l'information, y ajouter ou supprimer des couches, etc. – **prix de 900 \$**

POURQUOI?

Nous vous offrons l'occasion de publier votre travail, de le faire connaître à des employeurs potentiels comme à vos pairs. Vos produits, accompagnés d'une brève description et d'un topo à votre sujet, seront affichés dans une galerie Web de l'ACC. La galerie sera assortie d'un lien vers l'Atlas du Canada, site que plus de six millions de personnes visitent chaque année. Les gagnants du concours seront mentionnés dans Cartouche (bulletin trimestriel de l'ACC), et mis en vedette lors de la prochaine assemblée générale annuelle de l'Association qui aura lieu en juin 2010 à Regina, en Saskatchewan. De même, des primes en argent seront offertes aux gagnants dans chaque catégorie.

QUAND?

Vous avez jusqu'au 15 mai 2010 pour nous soumettre vos cartes.

OU? **

Pour participer au concours, visitez notre site Web.

RÈGLES ET ADMISSIBILITÉ: **

- ❖ Le concours s'adresse à tous les Canadiens inscrits dans les universités et collèges au pays.
- ❖ Chaque participant doit suivre au moins un cours connexe à la géomatique en 2009-2010.
- ❖ Chaque auteur peut soumettre plusieurs cartes, mais ne peut gagner qu'une fois dans chaque catégorie.
- ❖ Une même carte peut être inscrite dans plusieurs catégories si elle répond aux critères de chacune.
- ❖ Le nombre maximal d'auteurs par produit soumis est fixé à quatre.
- ❖ Les produits doivent fonctionner à l'aide d'Internet Explorer 6.0, Netscape 7, ou d'une version plus récente.
- ❖ Chaque participant recevra un courriel confirmant la réception de son produit.
- ❖ Il n'y a aucun frais de participation au concours.
- ❖ La date limite pour soumettre les produits est le 15 mai 2010 à 23 h 59, heure du Pacifique.

Parrainé par l'Association canadienne de cartographie et Ressources naturelles Canada

** Pour plus de détails, visitez notre site Web à <http://www.cca-acc.org/> et cliquez sur le lien « Prix national étudiant de cartographie en ligne ».

Prix national étudiant de cartographie en ligne

Excellence en conception de cartes en ligne représentant un aspect de la géographie au Canada

Montrez vos meilleures cartes à l'Association canadienne de cartographie (ACC)!

Veuillez remplir un formulaire par carte soumise et y indiquer le nom de tous ses auteurs.

Vous avez jusqu'au 15 mai 2010. **

Vous recevrez un courriel pour confirmer votre participation au concours, et c'est par ce moyen que nous contacterons les gagnants, qui seront annoncés sur le site Web de l'ACC, le 1^{er} juin 2010. **

Pour participer au concours, envoyez le présent formulaire :

- ❖ Par courriel à Daniel G Cole, CCA President coled@si.edu
- ❖ En ligne à <http://www.cca-acc.org/> **

Nom _____
Prénom _____
Courriel _____
Téléphone _____
Adresse postale _____

Catégorie _____
Objet Animée/interactive (encerclez toutes les réponses applicables)

Sources des données _____
Logiciel(s) utilisé(s) _____

Établissement d'enseignement _____
Programme d'études _____
Cours de géomatique/connexe _____
Enseignant _____

Êtes-vous membre de l'ACC? O / N

Comment avez-vous appris

l'existence de notre concours? Enseignant/étudiant/site Web de l'ACC/Autre

Parrainé par l'Association canadienne de cartographie et Ressources naturelles Canada

** Pour plus de détails, visitez notre site Web à <http://www.cca-acc.org/> et cliquez sur le lien « Prix national étudiant de cartographie en ligne ».



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

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