

# Cartouche



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

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## A Word from the Editors

We would like to dedicate this new issue of *Cartouche* to the past editor of *Cartouche*, Gary McManus. Gary has been Editor of *Cartouche* since 1997 and has been the heart and the soul of the CCA who has kept us in touch for many years. He has also set a standard for us that will serve us well as we take on these duties. Congratulations Gary, on a job well done!

This is the 30<sup>th</sup> year for the Canadian Cartographic Association and we are planning a special issue later this year to mark this event. This will also be a great opportunity to acknowledge and thank all of the past editors of *Cartouche* and its predecessor the *CCA Bulletin*.

This is the first issue produced by the new team, Anita Müller, Claire Gosson, and Diane Lacasse. We are all members of GeoAccess Division of Natural Resources Canada which is responsible for the Atlas of Canada. Together, we will work hard to bring you many enjoyable issues. We also wish to thank our Director, Dr. Bob O'Neil for his support in taking on this task.

This issue is very special to us since it is our first one. The table of contents of this issue is filled with a number of excellent articles from varied sources and we hope that you will enjoy them. We would greatly appreciate your feedback, future articles, as well as news items and announcements from your organization. These can be sent to the Editorial Team at the following address: gosson@nrcan.gc.ca. Your contributions to *Cartouche* will continue to make this Newsletter the communication tool that connects us and continues to be the voice of the CCA.

We hope that you find this issue pleasing. Enjoy!

The *Cartouche* Editorial Team

## Un mot des éditrices

Nous voudrions dédier ce nouveau numéro de *Cartouche* à Gary McManus, l'éditeur précédent de *Cartouche*. Depuis 1997, en plus d'avoir été l'éditeur de *Cartouche*, Gary a été le coeur et l'âme de l'ACC en nous gardant tous en contact pendant toutes ces années. De plus, il a mis en place les standards qui nous serviront à accomplir notre tâche. Félicitations Gary pour ton travail bien fait!

Cette année marque le 30<sup>ème</sup> anniversaire de l'Association canadienne de cartographie. Pour cette occasion, nous planifions un numéro special pour marquer l'événement. Nous profiterons également de cette occasion pour reconnaître et remercier les anciens éditeurs de *Cartouche* et de son prédécesseur, le *CCA Bulletin*.

Ce numéro est le premier produit par notre nouvelle équipe composée de Anita Müller, Claire Gosson et Diane Lacasse. Nous faisons toutes partie de la Division GéoAccès de Ressources naturelles Canada qui est responsable de l'Atlas du Canada. Ensemble, nous travaillerons fort afin de vous concocter d'excellents numéros. Nous désirons aussi remercier notre directeur M Bob O'Neil pour son support dans nos nouvelles tâches.

Ce numéro de *Cartouche* est très spécial pour nous puisque c'est notre premier. La table des matières compte plusieurs excellents articles venant de diverses sources. Nous espérons qu'ils vous intéresseront. Nous apprécierions recevoir vos commentaires, vos articles, ainsi que des nouvelles et des annonces venant de vos organisations. Vous pourrez nous les faire parvenir à l'adresse suivante gosson@nrcan.gc.ca. Votre contribution à *Cartouche* permettra à ce bulletin de continuer d'être un outil qui nous garde tous en communication et qui continue d'être la voix de l'ACC.

Bonne lecture à tous !

L'équipe éditoriale de *Cartouche*



**The Editors/Les éditrices**  
Anita - Diane - Claire

**Past Editor**  
Gary McManus



A. Wood

## About the cover...

*Alberta and Saskatchewan . The view in 1905.*

Scale : 1:3,000,000. Cartographers Steven Fick and Mary- Ellen Maybee from the *Canadian Geographic Magazine*. This map celebrates the 100<sup>th</sup> anniversary of the creation of the provinces of Alberta and Saskatchewan by giving a cartographic portrait of the provinces in 1905. The primary design approach was to seek a balance between contemporary principles of map design on one hand and historical design mannerisms on the other (font style and placement, relief treatment, colour palette), so that the map would have a historical look and feel, while maintaining a more modern sense of cleanness and clarity. This map has been chosen to be part of the Canadian exhibit for the 2005 ICA International Map Exhibit in Spain. (Reproduced with permission from *Canadian Geographic*).

*Alberta and Saskatchewan. The view in 1905.*

Échelle : 1/3 000 000. Cartographes Steven Fick et Mary-Ellen Maybee du *Canadian Geographic*. Cette carte célèbre le 100<sup>ème</sup> anniversaire de la création des provinces de l'Alberta et de la Saskatchewan en présentant un portrait cartographique de ces provinces en 1905. L'approche principale du design était la recherche d'un équilibre entre les principes contemporains de cartographie et les manières historiques du design (police de caractère et emplacement, représentation du relief et palette de couleurs) afin de donner à la carte un aspect historique tout en maintenant un sens moderne de netteté et de clarté. Cette carte a été choisie pour faire partie de l'Exposition canadienne pour l'Exposition internationale de cartographie de l'ACI de 2005 en Espagne. (Reproduite avec la permission de *Canadian Geographic*).



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### CARTO 2005 - Call for Papers

The joint conference of the Association of Canadian Map Libraries and Archives (ACMLA <http://www.ssc.uwo.ca/assoc/acml/acmla.html>) and the Canadian Cartographic Association (CCA <http://www.cca-acc.org/>) invite you to submit proposals for papers, presentations, panels, workshops, etc, in the broad range of topics in cartography (e.g. Analytical Cartography and GIS, Cartographic Education, History of Cartography, Map Use and Design, or Map Production Technology) and map librarianship (e.g. Acquisitions, Cataloguing, Outreach, or Reference). The conference is taking place at Memorial University of Newfoundland in St. John's, Newfoundland from July 26-30, 2005. Deadline for proposals is **May 15, 2005**.

Proposals can be submitted to Dan Duda at [dduda@mun.ca](mailto:dduda@mun.ca)

### CARTO 2005 - Demande de propositions

La conférence conjointe de l'Association des carto-thèques et archives cartographiques du Canada (ACACC <http://www.ssc.uwo.ca/assoc/acml/acmla.html>) et de l'Association canadienne de cartographie (ACC <http://www.cca-acc.org/>) vous invite à soumettre des propositions de communication, de présentation, de panel, d'atelier, etc. ayant comme sujets différentes facettes de la cartographie (par exemple cartographie analytique et les SIG, éducation cartographique, histoire de la cartographie, conception et utilisation des cartes ou technologie de production cartographique) ou des sujets reliés au domaine des carto-thèques (par exemple les acquisitions, le catalogue, la diffusion de l'information et la référence). La conférence se tiendra à l'Université Memorial à St. John's, Terre-Neuve et Labrador, du 26 au 30 juillet 2005. La date limite pour soumettre vos propositions est le **15 mai 2005**.

Les propositions doivent être envoyées à Dan Duda à l'adresse courrielle [dduda@mun.ca](mailto:dduda@mun.ca)

*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 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.

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**Christine E. Earl**  
Carleton University

President's Message  
*Mot de la Présidente*

Welcome to the first issue of *Cartouche* for 2005, the thirtieth anniversary year of the CCA. The CCA was founded in 1975 at a meeting in Ottawa chaired by the late Lou Sebert and attended by a group of about 200 interested individuals. The main items of business for the meeting were to define the role of the new organization and its mission and objectives, and to decide what activities would serve to further these goals. The place of the journal, then *The Canadian Cartographer*, was not immediately confirmed as belonging to the new Association; this decision came a little later on. However, the groundwork was established and the dedicated work of strong and enthusiastic Executives ensured that the fledgling organization continued to grow.

The Canadian regional cartographic organizations that existed in 1975, or appeared a little later in tandem with the CCA, have gradually folded over the past few years so that the role of the CCA is now more important than ever. We are now the only professional association in Canada that is solely devoted to mapping. Our objectives are stated in the Constitution as follows: to promote interest in maps and related cartographic material; to further the understanding and knowledge of maps by encouraging research in the field of cartography, both historical and current; to provide for the exchange of ideas and information and for the discussion of mutual concerns, through meetings and by publications; to advance education in cartography and in the use of maps.

These are still very relevant today. More people than ever before are engaged with maps and mapping. These people may not call themselves "cartographers" or refer to their professional activities as "cartography" but their concerns must be equally as related to the objectives stated above as are the concerns of those of us who do still use these terms. It is our very important mission to promote this Association to such people, ensure that they understand its goals and activities, and welcome them to join with us in strengthening them.

This issue of *Cartouche* is the inaugural issue for a new editorial team that is taking over production of *Cartouche* from the most able hands of Gary McManus. Gary has been the sole editor and production guy for our newsletter for five years with 21 issues to his credit and it is with gratitude and kudos that we acknowledge Gary's retirement from this position. Gary himself has said that the work was a lot for a single individual to manage so I am pleased to report that it will now be handled by a team of three. Anita Müller, Diane Lacasse, and Claire Gosson bring considerable experience to the role and are all located in the

same office so that they can easily liaise for brainstorming and problem solving. Paul Harker has volunteered to review *Cartouche* before it goes to press. I know that you will give the new editorial team your full support.

Your Executive has also been working on some other items of business and you will see elsewhere in this issue both a call for nominations for Honorary membership and a notice of minor amendments to the Constitution to be brought forward at the Annual General Meeting in July. As well, some improvements to the CCA website, both operational and design, are currently being looked at. One initiative which will interest all members is the addition of important documents relating to the Association to the site. We intend to make available the Constitution, the Terms of Reference for Honorary Membership and Awards of Distinction, and Task Lists for the Executive. The posting of these documents will assist the Executive, inform the membership, and make our goals and our activities apparent to the general public.

The Conference planning for the Annual Meeting to be held in St. John's in July this year is well underway and I urge all members to come and to advertise the meeting to non-members who may be interested. It would be wonderful to have a full program and great participation for this our thirtieth anniversary year. We had a terrific time in St. John's in 1997, the last time we held our annual conference on the Rock. I particularly remember that it was the first time I entered the Orienteering event and I was rewarded by being named "Rookie of the Year". My prize was a marker pen adorned with a piece of masking tape on which "rookie of the year" was awkwardly scrawled, a handmade treasure. The organizers of this year's meeting are putting together an equally appealing program of paper sessions and social activities and I look forward to seeing an excellent turnout.

I fully expect that the technical sessions at the conference will show that there are many and varied cartographic activities in Canada. The field of mapping is lively, with exciting developments almost week by week, and it is especially inspiring to see new ideas put to practical use. For example, within a few days of the news of the earthquake and tsunami disaster of December 26th, a local Ottawa consulting firm, DM Solutions Group, working with Mike Sawada of the University of Ottawa, created a data portal for information relating to the region affected. One of the students in the Geographic Information Processing program at Carleton has been working on the data portal as a Practicum assignment and he has kindly agreed to write an article about it for this issue of *Cartouche*. I hope you enjoy Chad Wettlaufer's contribution which you will find later in this issue.

Bienvenue au premier numéro de *Cartouche* de l'année 2005. Cette année marque le trentième anniversaire de l'ACC. En effet, l'ACC a été fondée en 1975 lors d'une réunion tenue à Ottawa, présidée par le regretté Lou Sebert et où assistaient environ deux cents intéressés. La réunion devait servir surtout à définir le rôle de la nouvelle organisation ainsi que sa mission et ses objectifs, et à décider quelles activités favoriseraient ces objectifs. Au début, la revue *The Canadian Cartographer* n'avait pas de place confirmée au sein de l'ACC; cette confirmation est arrivée par la suite. Le travail de base ayant été fait par un exécutif fort et enthousiaste permit à la jeune organisation de prospérer.

Les organisations cartographiques régionales canadiennes qui existaient en 1975 ou qui ont vu le jour un peu plus tard en tandem avec l'ACC ont graduellement disparu au cours des années, de sorte que le rôle de l'ACC est plus essentiel que jamais. Nous sommes maintenant la seule association professionnelle au Canada qui soit uniquement consacrée à la cartographie. Nos objectifs, tels que stipulés dans la constitution, sont comme suit : promouvoir l'intérêt pour les cartes et d'autres documents cartographiques; favoriser la compréhension et les connaissances relatives aux cartes en encourageant les recherches dans le domaine de la cartographie, historique et actuelle ; faciliter l'échange d'idées et d'informations ainsi que la discussion de sujets d'un intérêt commun par l'entremise de rencontres et de publications ; faire avancer la formation en cartographie et usage des cartes.

Ces objectifs sont encore pertinents aujourd'hui. Ceux qui s'occupent de cartes et de cartographie sont de plus en plus nombreux. Ils ne s'appellent peut-être pas « cartographes » et ne parlent peut-être pas de « cartographie » mais leurs préoccupations correspondent tout autant aux objectifs ci-haut. Il est très important que nous fassions la promotion de cette Association auprès de ce dernier groupe, que nous les sensibilisions à ses objectifs et ses activités, et que nous les invitons à se joindre à nous pour renforcer ceux-ci.

Ce numéro de *Cartouche* est le numéro inaugural pour une nouvelle équipe qui assure les tâches de production en remplaçant notre très compétant collègue Gary McManus. Gary s'est occupé tout seul pendant cinq ans de la rédaction et de la production du bulletin. Il a 21 numéros à son actif et c'est avec gratitude et félicitations que nous reconnaissons la retraite de Gary. Gary lui-même disait que le travail nécessitait plus d'une personne alors j'ai le plaisir d'annoncer que ces tâches seront attribuées à un groupe. Anita Müller, Diane Lacasse, et Claire Gosson apportent de l'expérience et travaillent toutes dans le même bureau, ce qui facilitera la liaison en vue de remue-ménages et

résolution de problèmes. En plus de ces trois, Paul Harker s'est porté volontaire pour revoir *Cartouche* avant de mettre sous presse. J'espère que vous donnerez à cette nouvelle équipe tout votre appui.

L'Exécutif s'est penché sur d'autres questions et vous allez voir dans ce numéro un appel de mises en nomination de membres honoraires ainsi que l'annonce d'amendements mineurs à la Constitution qui seront soumis à l'Assemblée générale annuelle de juillet.

Nous sommes également à examiner des améliorations possibles au site Web de l'ACC au niveau des opérations et de la conception. Certains documents seront ajoutés : la Constitution, les critères d'admissibilité pour les membres honoraires et les Prix de distinction, ainsi que la liste des tâches de l'Exécutif. L'affichage de ces documents servira à faciliter le travail de l'Exécutif, à renseigner les membres et à sensibiliser le public à nos objectifs et activités.

La planification de l'Assemblée générale annuelle qui aura lieu à St. John's (Terre-Neuve) est bien en cours et j'encourage tous les membres à y assister et à en faire la publicité auprès de non membres qui risquent de s'y intéresser. Un programme complet et une participation importante seraient une excellente façon de fêter ce trentième anniversaire. La conférence de 1997 à St. John's a été tout un succès. Dans mon cas, c'était la première fois que je participais à la course d'orientation et j'ai été nommée la « recrue de l'année ». Comme prix, j'ai reçu un marqueur avec un morceau de ruban-cache collé dessus où on avait écrit « recrue de l'année », un vrai trésor artisanal. Les organisateurs de la réunion de cette année préparent un programme tout aussi attrayant et j'espère voir une très bonne participation.

Je crois fermement que les sessions techniques de la conférence démontreront qu'au Canada, il se fait beaucoup de cartographie et que celle-ci est très variée et dynamique. En effet, presque chaque semaine apporte de nouvelles idées et de nouveaux développements. Par exemple, quelques jours après les nouvelles du tremblement de terre et du tsunami du 26 décembre, une compagnie de consultants d'Ottawa, DM Solutions Group, en collaboration avec Mike Sawada de l'Université d'Ottawa, a créé un portail de données reliées à la région touchée. Un des étudiants de notre programme de traitement d'informations géographiques ici à Carleton a travaillé sur le portail dans le cadre d'un stage et il a bien voulu accepter d'écrire un article là-dessus pour le présent numéro. J'espère que vous aimerez la contribution de Chad Wettlaufer.



**Rick Gray**  
Ridgetown College, University of Guelph

## Where Have All Our Members Gone?

As Vice President of the CCA for 2004/2005, I am tasked with the very enjoyable job of building membership. Membership building is something we all need to be involved in, for without a strong and vibrant membership, the CCA cannot do as much for you.

We all know the benefits of belonging to the CCA and each of us has our own reasons for joining. For some, it is the great networking opportunities at the annual conference. For others, it is a chance to be involved in the executive of Canada's leading cartographic organization. For many, it is the informative reading that comes in *Cartographica*, *Cartouche* and the International Cartographic Association (ICA) Newsletter, while for more than a few it is the chance to participate in one of Diana's almost annual orienteering events. However, for just about everybody, the reason for belonging to the CCA is the fellowship and camaraderie of people who share our passion for maps.

## Why join the CCA?

Promoting the CCA is easy because being a CCA member is still one of the best deals going. When you compare the cost of a CCA membership to other organizations, the bargain is obvious. Membership fees haven't changed in years and are still only \$80 for an individual, \$40 if you are a student or retired. In comparison, membership in the US based Cartography and Geographic Information Society will set you back \$148 US. To join the Association of American Geographers will cost between \$62 and \$173 US, depending on your income level. Closer to home, membership in the Canadian Association of Geographers is \$111 a year.

Not only are our membership rates competitive, look what you get for your money. For starters, you receive a subscription to our newsletter, *Cartouche*. With a new editorial team who are all long time CCA members working in the same building, there will be lots of energy to pull together a top-notch Newsletter. The issue you hold in your hands offers a hint of the exciting things to come.

In addition to *Cartouche*, your membership entitles you to a subscription to the Internationally respected, refereed journal *Cartographica*. *Cartographica*, too, has undergone a transformation with a new editorial team, also composed of long-standing and active CCA members. The new cover alone is impressive, but the team has also added the subtitle "The

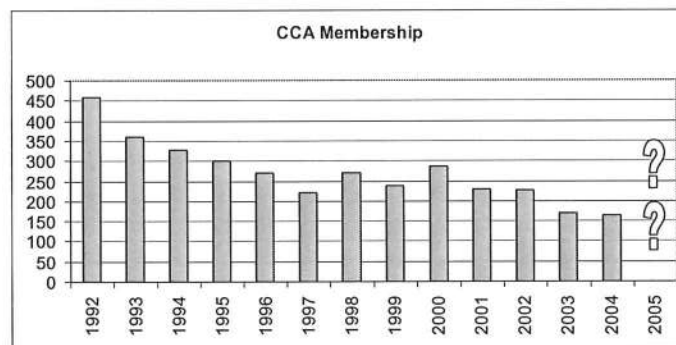
International Journal for Geographic Information and Geovisualization" which will broaden its scope and keep it current with today's cartographic realities. *Cartographica* is now back on schedule with 4 issues a year.

Let's not forget the annual CCA conference, either. Sometimes held in conjunction with other organizations of similar interests, it is always full of informative sessions, fun excursions, and a great awards banquet. The conference moves around the country from year to year, providing opportunity for travel that many of us might not otherwise get. See elsewhere in this newsletter for information on this year's meeting in beautiful St. John's, Newfoundland.

For those of us who like to surf the Web, a fairly new Web site for the CCA (<http://cca-acc.org/>) is constantly growing and improving. Its content is primarily member driven, too - it has information that you need and want to know about your Association. This year much of the site will be offered in French as well as English.

## Membership numbers analyzed.

Like many organizations, the number of members in the CCA is dynamic. Members retire or move away while new members come in to replace them. A fluctuation is normal and expected. However, a look at the accompanying graph shows a general downward trend in member numbers over the past several years. If the CCA is such a great organization to belong to, then why have we seen this decline? I suspect there are many reasons - none of which would be critical on its own, but in combination with all of the other factors has led to a shrinkage that is causing concern to the Association.



If we analyze the graph, some of the pattern of the past can be explained by growth in years when a membership was included in your conference fees and a decline in the years it was not.



**Claire Gosson and Diane Lacasse**  
GeoAccess Division, NRCan

## A Preview of the Canadian Cartographic Exhibit for ICA 2005

The International Cartographic Association (ICA) Conference will take place this year in A Coruña, Spain, July 9-16, 2005. One of the main activities of this conference, which is held every two years, is to exhibit the most important cartographic works produced in recent years. For this event, each participating country prepares a cartographic exhibit that exemplifies their best cartographic achievement. This includes government, academic and commercial cartographic products, thus offering a broad vision of the lines of work existing in each of the participating countries and a view of the state of the art of international cartography.

The material for the Canadian Cartographic Exhibit for 2005 has now been chosen and will soon be sent to Spain as part of the International Map Exhibit and will also be shown at the Carto 2005 at Memorial University of Newfoundland, July 18<sup>th</sup>-21<sup>st</sup> 2005 in St. John's.

*Cartouche* will endeavour to preview this material by presenting articles on the chosen maps and atlases in the exhibit. We will present these works, prepared by the authors, a few at a time, in each of the forthcoming issues. In this issue (see cover), we are featuring the work of *Canadian Geographic Magazine* by using their map of *Alberta and Saskatchewan – the view in – 1905*. There is also an article on the *Canadian Oilfield Gas Plant Atlas* published by JuneWarren Publishing Ltd and written by Bill Whitelaw, and an article on the *Pikangikum First Nation Atlas*, written by Andrew Chapeskie of the Taiga Institute for Land Culture and Economy and Alex Peters for the Whitefeathers Forest Initiative Technical Team and the Elders of Pikangikum. The maps were produced by Marcel Morin of Timberline Inventory Consultants.

The next issues of *Cartouche* will highlight an article on *Mount Waddington* by Timberline Inventory Consultants, a private map producer, written and

produced by Marcel Morin, and two short articles prepared by the students from COGS whose maps were chosen for the Spain exhibit, and also an article by Patricia Morphet, City of Toronto, Survey and Mapping Services. We will introduce you to some of the most remarkable maps and atlases presented to the Canadian Cartographic Exhibit of the past two years, their content and production technique of significance. We hope you will enjoy this series of articles.

**Bill Whitelaw**  
JuneWarren Publishing Ltd.

## The Canadian Oilfield Gas Plant Atlas

What began more than a decade ago as a simple black binder filled with laminated map pages has evolved into one of western Canada's most popular mapping products. Nearly 7,000 copies of the fifth edition will have been sold by the time supplies are exhausted in June 2005.

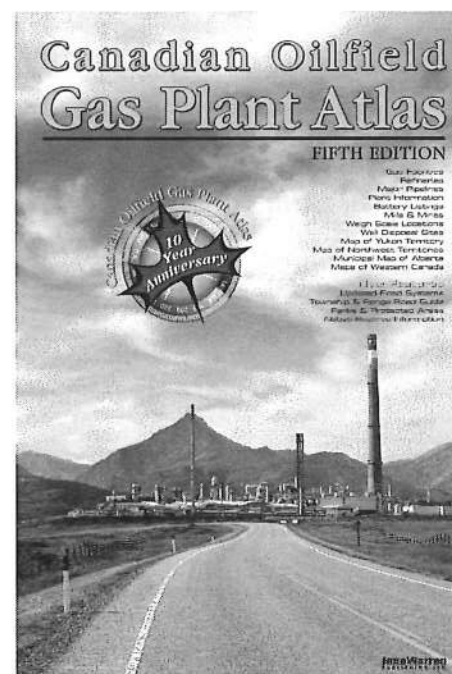
The *Canadian Oilfield Gas Plant Atlas* is just six months away from publishing its sixth edition – while staff at JuneWarren Publishing is still busy selling the fifth edition. JuneWarren Publishing is Canada's largest energy publisher. Based in Calgary and Edmonton, the company publishes a diverse range of magazine, mapping and directory products targeted to various sectors of Canada's oil and gas industry. The portfolio includes *Oilweek Magazine* and the *Canadian Oilfield Service and Supply Directory*.

The *Canadian Oilfield Gas Plant Atlas* is a key element of the JuneWarren portfolio and has grown from humble beginnings into a sophisticated blend of high-quality mapping with energy-related information and data valued by its customers. In the early 1990s, JuneWarren owner, Colin Eicher, met an individual selling laminated map pages in black binders. On map pages, the man had marked specialized information such as oil and gas well locations. Seeing the potential, Mr. Eicher negotiated and added another component to the company's product line.

The focus of the 324-page atlas is the Western Canadian Sedimentary Basin, where the vast majority of Canada's oil and gas reserves are found. While customers have come to prize the atlas for its high-quality mapping, it is the marriage of maps and data that keeps the atlas in high demand, in a customer group that ranges from two-man oilfield service companies to the integrated exploration and production giants like Imperial Oil.

The atlas contains on its maps plotted data such as gas plant facilities, pipelines, refineries and mines and mills. On adjoining pages are details associated with the plotted data. So, for example, if a drilling engineer working for a company in a particular area wants to determine the ownership, capacity and processes of the nearest gas processing plant and carrying pipeline, he simply has to refer to the appropriate pages and correlate the geographic/cartographic information with the appropriate data.

The sixth edition of the atlas, currently in production, is due out by November. This atlas is sold in a number of retail stores and oilfield service locations across western Canada. JuneWarren Publishing handles the bulk of the orders directly.





**David Raymond**  
Centre for Geographic Sciences

### Introduction:

Let me take this opportunity to introduce myself as your new History of Cartography IG Chair. For the past 28 or so years I've been a fortunate participant in our industry, experiencing the transition between the 'old-school' and 'new-school' modus operandi, and have been blessed with the opportunity to work in an educational environment at the Centre of Geographic Sciences (NSCC) in Lawrencetown since 1985. There have been exciting and numerous developments and continuing challenges in presenting a balanced technical curriculum designed to position our graduates appropriately for employment. That said the realm of cartographic history can be easily overlooked when trying to keep pace with the barrage of developments and techniques of the present. Two significant and recent changes that are directly related to studies in the history of cartography are, firstly, the inclusion of a formal course within our Cartography program and secondly, the establishment of the historical map, atlas and reference special-collection within our JB Hall Library. The latter has afforded our students the opportunity to conduct hands-on research using a combination of original and facsimile examples of historical maps, along with the reference material to back them up. The course is presented in seminar format and includes discussion of topics relating to map sources and production methods, with a general focus on the mapping of Canada. A number of examples from the classical to the scientific period are used and a number of English and French 18<sup>th</sup> Century sources are available for research purposes.

Over the next few issues of *Cartouche*, I hope to provide some general discussion of map history, albeit from the down-east perspective, but also keeping an eye on activities across the country and the growing world of antique maps in general. If there are subjects of interest that any member feels should be addressed in this forum, please contact me. My personal

interest is in the surveys and mapping of Canada's east coast.

### Out and About:

Those planning to make the eastward trek to the CCA conference in St. John's this July may wish to include a side trip to take in some of the festivities surrounding the Port-Royal 400<sup>th</sup> celebrations in and around Annapolis Royal. The communities in the area will host a number of special events this summer including a re-enactment of the landing of the French explorers at the Habitation National Historic Site slated for July 16<sup>th</sup> beginning at 1:00 p.m. For local festival and events details, visit

<http://www.annapolisroyal.com/festivalevents.htm>

Some of the events listed here are held annually, and a few still reference 2004 although presumably that should read "2005."

### Spring IMCoS Journal:

The Spring 2005 *Journal of the International Map Collectors' Society* ([www.imcos.org](http://www.imcos.org)) recently arrived. For those not familiar with the organization, IMCoS is for "people who love maps" – really can't be more direct than that. In 2004 the Journal was redesigned in a new larger format and continues to provide its 750 members with up-to-date news and events, including reviews and recent research. From the latest issue, Rodney Shirley gives a detailed description of a *Lafreri* atlas he viewed in the *Biblioteca Marucelliana* in Florence and lists the imprint dates in this example of the 16<sup>th</sup> Century publisher. As Shirley explains at the beginning of the piece, he and David Woodward, before his passing in August 2004, had been drafting a list of these famous Italian Atlases to order.

A point of interest for those considering membership in IMCoS is

History of Cartography  
*Histoire de la cartographie*

that some dealers provide printed catalogues free of charge to members.

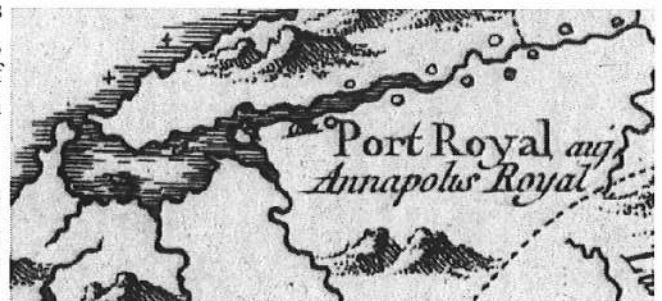
### Collectors' notes:

The Old World Auctions site continues to provide collectors with a good source of maps, manuscripts, books and atlases for sale on a regular basis. Marti and Curt Griggs took over the business from Tim Coss in c.1995 and have created a regular stop for collectors. For those looking for Canadian maps, this auction can be a good resource. As an example for people interested in British and French claims in North America, the auction just completed on March 2<sup>nd</sup> included a 1755 first issue copy of Jean Palairé's *Carte des possessions angloises & françoises du continent de l'Amérique septentrionale* engraved by Thomas Kitchin.

Other auctions that may be of interest are Waverly Auctions, Swann Auctions, the Heritage Map Museum and of course the monster-of-all-auctions, eBay. In the antique map and atlases category of eBay, they have cut down on the number "maps on CD" listings by adding a separate category. This has helped to some degree, but there are still a number of these and reproductions that creep into the results of nearly every search.

Until next issue...

*Le Petit Atlas Maritime [Bellin]*



The years that a conference is held in a large metropolitan centre we see a boost in our membership numbers (new and renewals). The years that executive members are in a position to encourage students to join show more growth than years where the executive are from jobs where they can't personally recruit so many (for example, I and several of my classmates joined the year our cartography professor was Vice President!).

Some other factors may come into play here, too. With the advent of computer cartography and GIS, less emphasis is being placed on pure cartography in schools and the workplace. The CCA has a special interest group entitled "Analytical Cartography and GIS", but perhaps we have failed to make a big enough noise about this. We need to "market our product" in the appropriate circles so that GIS users will know that they are included and there is something for everyone.

I would also suggest that many potential members even beyond the GIS world might not be aware of the CCA. Lately it has been a fairly well kept secret known to only the select few of the inner circles of Canadian cartography - the regular CCA members.

## How can you help?

**"It is time for all cartographers to come to the aid of your organization."** Unless we take it upon ourselves to recruit new members, the CCA will continue to decline. Go out and enlist a friend, a student, a colleague, (and don't forget to renew your own membership). Take a look at one of the many special interest groups that the CCA has and join one. Actively participate in the Association by writing an article or sending in a piece of news from your organization for *Cartouche*, submit a paper to *Cartographica*, present at a session at the St. John's conference (Carto 2005) or even organize a workshop for the conference. The more members we have, the more we can offer the membership in general, and the more fun we can have at the annual conference.

Note: In order to encourage member participation in this drive, we wish to recognize those who recruit the greatest number of new members - so keep a list of the folks you sign up and tell us by July 26 (the conference start date). We'll work on finding a suitable prize for your efforts. Let's put a big spike in the membership graph for 2005. After all, this is the 30<sup>th</sup> anniversary of the CCA. Let's make it a memorable year.

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 .....	\$80
Student .....	\$40
Institutional .....	\$100
Corporate .....	\$200
Family .....	\$95
Retired .....	\$40
Associate .....	\$40

To cover mailing costs US residents please add \$5 CDN and Overseas residents please add \$10 CND 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 has an annual conference to promote discourse and access to a range of expertise through the interest groups and regional contacts.

For further information about membership qualifications and benefits contact the Secretariat of the CCA or visit our website [www.cca-acc.org](http://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 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:

Régulier .....	\$80
Étudiant .....	\$40
Institutionnel .....	\$100
Société .....	\$200
Famille .....	\$95
Retraité .....	\$40
Associé .....	\$40

Un montant de 5\$ (cdn\$) est ajouté pour couvrir les frais postaux aux membres américains (É-U) et de 10\$ (cdn\$) pour les membres outremer.

Les membres reçoivent la monographie trimestrielle *Cartographica*, publiée par le University Toronto Press; 4 numéros du bulletin de nouvelle *Cartouche* et le bulletin de nouvelle de l'Association cartographique internationale (ACI). L'Association organise également une conférence annuelle lors d'une qui vous 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 encore, visitez notre site web [www.cca-acc.org](http://www.cca-acc.org)



## Rick Gray

Ridgetown College, University of Guelph

### GIS Education and Ghana, West Africa – a Preliminary Glimpse

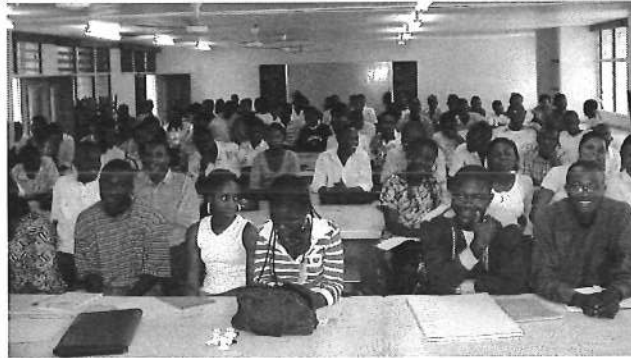
As a GIS instructor at Ridgetown College, Ridgetown, Ontario, I have much to be grateful for. We have a 15 seat lab with fairly new computers, a good IT department to troubleshoot, and a site license for software through our “big sister”, the University of Guelph. Until this spring, I lamented the fact that my labs had to be split because there weren’t enough computers to allow each student his/her own workstation. I now have a better appreciation for how fortunate we are in Canada.

I have just returned from a trip to Ghana where I visited the Kwame Nkrumah University of Science and Technology in Kumasi. While there, I was invited to give the introductory class lecture for their second-year GIS/Remote Sensing course at the Institute of Renewable Natural Resources. The students I addressed were enthusiastic and had lots of good questions. What they didn’t have was ready access to GIS or remote sensing tools.

One hundred and twenty or so students squeezed into a classroom designed for fifty. They sat on wooden stools and took notes while ceiling fans circulated hot, sweaty air (the temperature was about 32°C at about 95% RH) for the 3 hour lecture. Smoke from burning plastic garbage on the lawn drifted through the

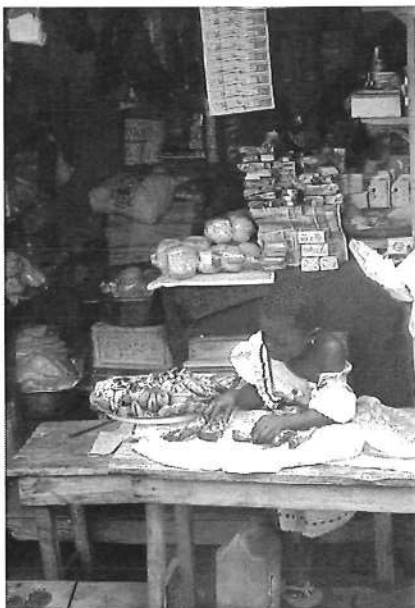
open windows and made my eyes burn. Some students held their notebooks (not the computer kind!) on their laps because there wasn’t enough desktop space to go around.

Their instructor informed me that she would bring a laptop to class a few times



through the semester when she needed to show the students something that required demonstration. There was no overhead projector, never mind a projection system for the laptop. I can only imagine the effectiveness of 120 students crowded around a laptop.

The institute does have a GIS/RS lab. This is used by 4<sup>th</sup> year RS students. It currently consists of four Pentium-3 PCs, two of which are not working, an HP 450 plotter, awaiting repairs, and 2 digitizing tables, one of which works.



The purpose of my trip was to assess the state of resources as part of a capacity enhancement project being proposed to CIDA—my role specifically related to GIS lab capacity enhancement. If we get the project, the challenge will be to establish both hardware and software of sufficient caliber, given a finite budget, to graduate technically competent GIS people. I am lucky - anything at all will be

better than what is there now.

My experience outside of the classroom

was eye-opening and exciting – it was my first visit to a “developing” country. My first exposure to tree-ripened papayas and mangoes is something my taste buds will not soon forget. Ghana has a lot of very poor people, but the current government is working hard to develop strong economic policies – the president’s slogan is “Ghana Incorporated”. The Ghanaians I met were all very warm and welcoming and I made many new friends in the ten days I spent there.

With a bit of luck, our project will get funded and I will return to Ghana in the next year or so. In the meantime, I will respond much differently to my students that complain about uncomfortable swivel chairs in the air conditioned lab.

### Call for Nominations for Honorary Member

The following paragraph constitutes the Terms of Reference for Honorary membership in the CCA as adopted in June 1993:

It shall be policy of the CCA that the honorary membership distinction be limited to two individuals at any given time. When one of the positions becomes vacant, the CCA Executive Committee may fill the position following a request for nominations from the membership at large. The criterion used in the selection of individuals for honorary membership will be dedicated service of distinction to the CCA.

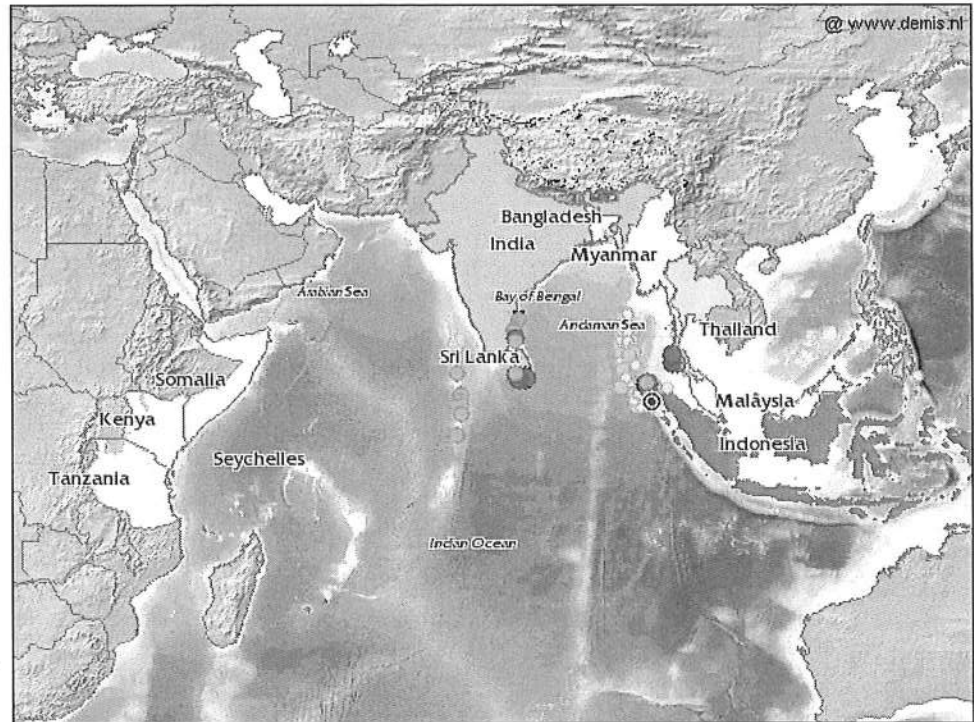
Since the death of Lou Sebert in August 2002, the CCA has had only one Honorary member: the distinguished founder of our journal and founding member of the Association itself, Bernard Gutsell. We therefore invite nominations for an Honorary membership in the CCA. Please send your nominations to Christine Earl at the following email address, [cearl@ccs.carleton.ca](mailto:cearl@ccs.carleton.ca)

**Chad Wettauer**  
Carleton University

## Tsunami Disaster Mapping Portal

Following the devastating effects of the South-Asian earthquake, and resulting tsunami, on December 26, 2004, governments, NGO's, individuals, and corporations from around the world rallied to help those affected in any way they could. In Ottawa, a local company, DM Solutions Group Inc., a major provider of Web and desktop mapping solutions, and a leader in the development of open source mapping technology, produced the *Tsunami Disaster Mapping Portal*. According to DMSG's website, the goal of the portal is to help facilitate all aspects of disaster mitigation and to allow aid workers at ground zero and around the globe to have free access to the provided spatial data and the resulting mapping functionality via the Internet. Additionally, these same workers can contribute their specialized data for use by other agencies. With additional data provided by universities in Thailand and Japan, DMSG was able to generate the application's initial release in less than a week.

The impetus for this project came from a request made by the City Managers Association of Tamil Nadu, a South-Indian state. Located on the Bay of Bengal, Tamil Nadu was one of the areas hit hardest by the tsunami. The association's specific requests involved the creation of an intuitive, interactive, and easy to use GIS system that could satisfy a wide range of goals including: displaying the extent of the damage to communities and infrastructure, a database for use by NGOs to formulate action plans in the region, and the potential for future use in developing a disaster mitigation plan. With the request in hand, Professor Mike Sawada, director of the Laboratory for Applied Geomatics and GIS Science (LAGISS) at the University of Ottawa, approached DMSG because, according to him, they were the only organization with the "technology and expertise to put together a quick and open



solution." The result can be publicly accessed at; <http://mapsherpa.com/tsunami/>

The challenge that now faces those responsible for maintaining the portal is the updating of existing data and acquiring of new information. The data are stored either locally on the web server that is hosting the site or remotely on another machine that could potentially be located anywhere on the planet, as long as it is connected to the Internet. For the data stored locally, it is the direct responsibility of those hosting the site, DMSG in this case, to keep it current and accurate. This is no easy task. Web mapping technology, like familiar desktop GIS software, requires spatial data that is properly projected and geo-referenced. For the public at large, there is a wealth of information available regarding the tsunami's effects: news agencies, government press releases, amateur home movies and photographs etc. Unfortunately, these sources of information do not import directly into a GIS. In fact, for this type of data to be useful at all, a great deal of time is required to collect and organize the information into a database that can then be associated with spatial features. A simple example of this might involve statistics regarding the

number of people displaced from their homes by the tsunami. A major news agency (e.g. CNN, CBC, Globe & Mail etc.) might post an article on their website that makes mention of the number of displaced persons in each country. For the data to be useful in a Web mapping context, an individual would have to search it out and then key it into a pre-constructed database. Considering this in terms of the tsunami portal, which has dozens of different variables displayed at various levels of detail, one can quickly see that it is a very time-consuming process even before you remember that these data would have to be updated on a regular basis. Furthermore, one must consider the huge amounts of storage capacity that would be required to house all of the data available through the portal: most especially the large amount of satellite-captured photography covering the region. This information, if hosted on a single web server would occupy many hundreds of gigabytes of disk space. There are not many organizations prepared to host such a large amount of data, nor do many have the bandwidth to regularly download such large amounts of data in order to keep it up-to-date. It is for these reasons that the remote sharing of data for free public use is so important.

High-resolution satellite imagery also has a very important role in delineating damaged areas after such a disaster in enabling emergency response and rebuilding teams to direct resources and assess damage. As mentioned above, small communities, especially in South-East Asia, are unlikely to have access to this type of data. So, by providing a Web-based GIS solution, the need for hardware and personnel in the disaster area is alleviated. A Web mapping portal also addresses the issue of locally stored data. DMSG, in this case, was able to create and host the portal, along with some data, on their web server. Fortunately, this technology also allows for outside agencies to share their spatial data that can then be accessed and displayed interactively through the portal. In the case of the *Tsunami Disaster Mapping Portal*, all of the presented satellite imagery is actually stored on various remote machines around the world and shared using a special set of standardized Web mapping protocols, namely the standards established through the Open Geospatial

Consortium (OGC's website found at <http://www.opengeospatial.org> ). These standards allow for live interaction between the Web mapping application and the remote data so that users can zoom in, zoom out, pan, and potentially even query the data. This ability to interact with remote data is an advantage the Web-based GIS's have over most of today's common desktop GIS software. Without this technology, much of the data presented by the portal would not be available because it would require too much disk space or too much time to properly update and maintain. Furthermore, any changes an outside agency makes to its data files will be immediately reflected via the portal.

As this project moves forward, there are a number of things that those involved with the portal hope to accomplish. Firstly, the addition of more data, especially high-resolution maps and detailed vector sources to further assist those people on the ground. It is hoped that some basic geoprocessing capabilities can be

developed and added to the application. Such tools could include: spatial queries, buffering, and distance analyses. On a more broad and general scale, it is hoped that the portal can increase the awareness of the value that Open Source GIS and Web Mapping technologies can play in assisting regional middle-decision makers in disaster prone regions. As mentioned, officials in Tamil Nadu had no direct access to data sources or the technologies needed to assess the physical and human impacts of the disaster. In the end, not only will this project have helped those involved in the recovery from this disaster, but hopefully it will also help us learn how this technology can be used even more effectively the next time it is needed.

*Chad Wettlaufer is an undergraduate Geography GIP (Geographic Information Processing) student in the Department of Geography & Environmental Studies, Carleton University, Ottawa.*

## Canadian Geographic Celebrates 75 Years

### Steven Fick

Canadian Geographic

This year, *Canadian Geographic*, the flagship publication of The Royal Canadian Geographical Society, celebrates its 75<sup>th</sup> year of publication. Cartography has been a signature component of the magazine from its inception. Today *Canadian Geographic* is the only magazine in Canada with a full-time staff cartographer, and it continues to devote increasing resources to cartography and to expand into new areas of cartographic endeavour.

The magazine covers a broad range of subjects — wildlife, science, environment, resources, social and economic geography, adventure and travel, history, culture — and its success in creating an editorial package that is engaging, authoritative, clear and attractive has been reflected in a steady stream of awards. *Canadian Geographic* is a regular recipient of gold and silver awards at the annual presentations of the National Magazine

Awards Foundation. In 2002 it received this foundation's prestigious Magazine of the Year Award. It has twice received the Best Magazine award from the Canadian Society of Magazine Editors, and numerous other awards from the Canadian Science Writers Association, Northern Lights, and Folio Magazine. *Canadian Geographic* maps are a perennial component of Canada's exhibits at the International Cartographic Association meetings. This year Canadian Geographic's *Lake Erie* map was an award winner in the Avenza Systems design competition.

Excellence is a trademark of *Canadian Geographic*. The magazine thrives in an increasingly competitive media marketplace. In turn, The Royal Canadian Geographical Society relies on revenues generated from the magazine to fund its many programs — research grants,

lectures, awards and educational endeavours. Great effort is put into the research, design and fact-checking of *Canadian Geographic*'s maps. They are a collaborative effort of the cartographer, art director, editors, researchers and fact-checkers. They are designed to fit into the architecture and visual flow of each page and each article. Each issue has four million readers, many of whom feel a personal or even passionate connection to the magazine. The editorial team receives regular correspondence from its readers, and this input is invaluable in shaping the character of the magazine. Reader surveys reveal that the magazine's cartography, especially the regular two-page map feature, *A la carte*, is one of the most-read elements in its editorial mix.

In recent years, *Canadian Geographic* has collaborated with other organizations to create more ambitious map products. The

magazine often collaborates with the *Atlas of Canada*, including the publication of a map of Canada to mark the beginning of the new millennium. As part of its 75<sup>th</sup> anniversary, *Canadian Geographic* published a two-sided world map using base data from the Atlas and thematic data from the Canadian International Development Agency (CIDA). The

anniversary was also marked with the publication of *The Canadian Atlas*, a co-publication with Readers Digest Books (Canada).

As *Canadian Geographic* expands its on-line presence, the Web is becoming an important medium for celebrating Canada and the world through maps. In

collaboration with CIDA, *Canadian Geographic* has created an innovative on-line version of its world map on development issues. In April, *Canadian Geographic* launched its on-line version of *The Canadian Atlas*, which features interactive maps of Canada at varying scales, layered with supplementary text, thematic maps and imagery.

## **The Canadian Institute of Geomatics Announces Appointment of New Executive Director in Ottawa**

The President of the Canadian Institute of Geomatics, Ivan Pagé, announced the appointment of Jean Thie as Executive Director of the CIG in Ottawa. Ivan Pagé stated that "knowledge networks and partnerships form a key strategy to make the CIG a strong contributor to the development of our profession and Jean has been at the forefront of development of new approaches in science and technology management and networks in Canada and Internationally."



Jean Thie has worked for over 30 years in integrated resource mapping, geographic information systems, management of science programs and policy development with the provincial, and federal governments, private and NGO sector. During the last 5 years he worked in Switzerland as CIO for the IUCN-The World Conservation Union, the largest environmental organization and multi-stakeholder knowledge network in the world, with a focus on knowledge management, collaborative Internet strategies and digital divide issues.

"I am particularly proud of my time at the National Atlas, when I facilitated its transformation into a world leader in Internet mapping and science-policy cartography". "Now, an important part of my strategy is to build a bridge between the cartographic, geographic, geomatics and geosciences knowledge networks, facilitate interdisciplinary communities of practice and make a difference in the science-policy-practice-people loop," Jean stated.

Mapping, cartography, policy and sustainable development played an important part in his career. The Canada Land Inventory, the largest multi-disciplinary resource inventory in the world, opened up a wide range of new approaches such as integrated and ecosystem-based planning and management, and technologies such as geographic information systems and remote sensing. He was instrumental in establishing the

*(continued on page 16)*

## **L'Association canadienne des sciences géomatiques annonce la nomination d'un nouveau directeur général à Ottawa**

Le Président de l'Association canadienne des sciences géomatiques Ivan Pagé a annoncé la nomination de Jean Thie au poste de directeur général de l'ACSG à Ottawa. Ivan Pagé a déclaré que les réseaux de la connaissance et de partenariat forment une stratégie clé faisant de l'ACSG un puissant collaborateur au développement de notre profession et Jean a été à l'avant-plan du développement de nouvelles approches au niveau de la gestion des sciences et de la technologie au Canada et au niveau mondial.

Jean Thie a travaillé pendant plus de 30 ans dans les domaines des ressources cartographiques intégrées, des systèmes d'information géographique, de gestion de programmes scientifiques et de développement de politiques avec les gouvernements provincial et fédéral, le secteur privé ainsi qu'avec le secteur des ONG. Durant les 5 dernières années, il a travaillé en Suisse comme Directeur général pour l'IUCN-The World Conservation Union, la plus grande organisation environnementale et de réseau de connaissance au monde dont le centre d'intérêt est la gestion du savoir et les stratégies de collaboration.

Jean nous a confié: "Je suis particulièrement fier du temps que j'ai passé à l'Atlas national en contribuant à sa transformation afin de devenir un leader mondial dans les domaines de la cartographie sur Internet et des politiques scientifiques de cartographie" "Maintenant, une part importante de ma stratégie est de construire un pont entre la cartographie, la géographie, la géomatique et les réseaux de connaissances géoscientifiques, de faciliter les pratiques des communautés interdisciplinaires et d'innover dans l'interaction science-politique-pratique-personnes".

La cartographie, les politiques et le développement durable ont joué un rôle important dans sa carrière. L'Inventaire des terres du Canada, le plus grand inventaire de ressources multi-disciplinaires du monde a ouvert une grande variété de nouvelles approches comme la planification et la gestion basée sur l'intégration des écosystèmes, ainsi que des technologies comme les systèmes d'informations géographiques et la télédétection. Il a été un

*(continué à la page 16)*

(continued...)

Manitoba Remote Sensing Centre and became the first Head of Applications Development of the Canada Centre for Remote Sensing. As Director of the Land Resources and Data Systems Branch of Environment Canada he managed the world leading Canadian Geographic Information System (CGIS). As consultant he worked extensively on the development of knowledge infrastructure and corporate decision support systems for science organizations and the private sector using Internet and intranet.

He is a past President of the Canadian Remote Sensing Society and was the founding President of the Canadian Society for Landscape Ecology and Management. He was Executive Director of the Canada Committee on Ecological Land Classification, which initiated many of the ecological, integrative frameworks, approaches and principles which are now part integrated resource planning and State of the Environment reporting at local, regional, provincial and national levels in Canada.

For information contact: Executive Director, CIG, 1390 Prince of Wales Drive, Suite 400, Ottawa, ON K2C 3N6, Tel: (613) 224-9851, E-mail: [exdircig@magma.ca](mailto:exdircig@magma.ca)

(continué...)

instrument dans l'établissement du « Manitoba Remote Sensing Centre » et il fut le premier chef de la division du développement des applications du Centre canadien de télédétection. Comme directeur du secteur de la Direction des ressources et des systèmes de données sur les terres d'Environnement Canada il géra le Système canadien d'information géographique reconnu mondialement. Comme consultant, il a travaillé au développement d'une infrastructure de connaissances et du système de support aux décisions corporatives pour les organisations scientifiques ainsi que pour le secteur privé utilisant l'Internet et l'Intranet.

Il fut Président de la Société canadienne de télédétection et fut le Président fondateur de la Société canadienne d'écologie et d'aménagement du paysage. Il a été le Directeur exécutif du Comité canadien de la classification écologique du territoire qui a initié plusieurs approches et principes d'intégration écologique faisant maintenant partie intégrante de la planification des ressources et du rapport sur l'État de l'environnement au niveau local, régional, provincial et national.

Pour de plus amples renseignements, veuillez contacter : Directeur général, ACSG, 1390, Prince of Wales Drive, bureau 400, Ottawa, ON K2C 3N6, Tel: (613) 224-9851, E-mail: [exdircig@magma.ca](mailto:exdircig@magma.ca)

## CCA Awards

The Canadian Cartographic Association presents several awards each year to deserving members of the cartographic community which it serves. These awards are meant to recognize and encourage the achievements of outstanding individuals in the field. For more information see the CCA website: [www.cca-acc.org](http://www.cca-acc.org)

## Prix de l'ACC

L'Association canadienne de cartographie présente, à chaque année, plusieurs prix à ses membres méritants. L'attribution de ces prix a pour but de reconnaître et d'encourager l'accomplissement exceptionnel d'individus dans le milieu cartographique. Pour de plus amples renseignements visitez le site Web: [www.cca-acc.org](http://www.cca-acc.org)

## Notice of Amendments to the Constitution

Notice is given of motions to amend the CCA Constitution as follows:

- i) in Article IV, section 1. (iv), to change "Secretary and Treasurer" " to "Secretary, Treasurer"
- ii) in Article IV, section 3. (iv), to change "Secretary-Treasurer" to "Secretary, Treasurer"
- iii) in Article VI, sections 1 and 2, to change "Secretary-Treasurer" to "Secretary"
- iv) in Article III, section 4, to change "Institutional

Members may name one (1) representative and Corporate Members two (2) representatives who will be given full membership rights" to "Institutional Members may name one (1) representative and Corporate Members two (2) representatives who will be given all membership rights with the exception of the right to hold office in the Association"

These motions will be brought forward at the AGM to be held in St. John's, July 28, 2005.



**Janice Cunningham**  
Natural Resources Canada\*

## Science at Your Fingertips

Information at your fingertips is the modern-day mantra for new computer technologies. Take downloading music. It's easy; it's free; and you get exactly what you want — fast.

A team of experts in the Earth Sciences Sector (ESS) of Natural Resources Canada has been working over the past year to apply the idea of free, fast and easy access to scientific publications. On January 20, 2005, the team launched the new Publications for free download web site ([http://cgc.rncan.gc.ca/librairie/download/publist\\_e.php](http://cgc.rncan.gc.ca/librairie/download/publist_e.php)) allowing anyone with a computer to download Bulletins, Open Files, Miscellaneous Reports, Maps and other Geological Survey of Canada publications free of charge.

So far, 400 reports and digital publications have been made available, and the number is expected to grow this year. An additional 7,000 geological maps and posters are linked to a parallel download site, MIRAGE [Map Image Rendering Database for Geoscience] ([http://rgsc.rncan.gc.ca/mirage/index\\_e.php](http://rgsc.rncan.gc.ca/mirage/index_e.php)), which is a digital image library of Geological Survey of Canada maps and part of the information portal offered by the Geoscience Data Repository ([http://gdr.rncan.gc.ca/index\\_e.php](http://gdr.rncan.gc.ca/index_e.php)). If you don't want to go through the downloading process, you can still purchase paper and/or CD copies of these publications for the cost of the medium they are produced on.

“Our vision is to create a scientific and technical publications portal — a one-stop shop to download Earth Sciences Sector scientific products,” says Andy Moore, Scientific and Technical Publishing Manager and project leader. “This will be a watershed portal — science, unfortunately, has been one of the best kept secrets here, and that's terrible — we have to start marketing our science.”

The Publications for free download site is very user friendly; the homepage offers three choices: the “Most popular download” publications; “Newest available downloads”; and “Search for publications currently available for download.” The Geological Survey of Canada Bookstore carries an inventory of approximately 20,000 paper publications ranging from maps to memoirs, with some dating back to near the turn of the twentieth



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**MIRAGE** - Map Image Rendering Database for Geoscience  
MIRAGE Home

century. Full metadata descriptions for these publications are available through GEOSCAN ([http://ess.rncan.gc.ca/esic/geoscan\\_e.php](http://ess.rncan.gc.ca/esic/geoscan_e.php)), the Earth Sciences Information Centre's publications bibliographic database. Andy explains how the new Web site will evolve by marketing related scientific publications to clients. By leveraging the GEOSCAN database, other publications and datasets of a similar theme, author, or location will be made available to clients. New publications are being added all the time.

The ESS scientific publications' client base is now expanding beyond scientists and researchers to insurance companies, municipal governments, regulatory bodies, environmental groups and NGOs: organizations that need to know the local geology in order to make regulatory decisions. The new Web site offers these organizations easy access to the information they need.

The team members that created this site are a varied group, including a design expert, a mapping specialist, editors, a technical analyst, database specialist and a cartographer. They are dedicated to keeping up the momentum of the new site.

\* Adapted from the Newsletter 'The Source' with permission from Natural Resources Canada.

**Janice Cunningham**

Ressources naturelles Canada\*

## La science au bout de vos doigts

L'information au bout des doigts. Voilà le mantra des temps modernes pour les nouvelles technologies informatiques. Télécharger de la musique en est un exemple. C'est facile, gratuit, et vous obtenez exactement ce que vous désirez. Et vite.

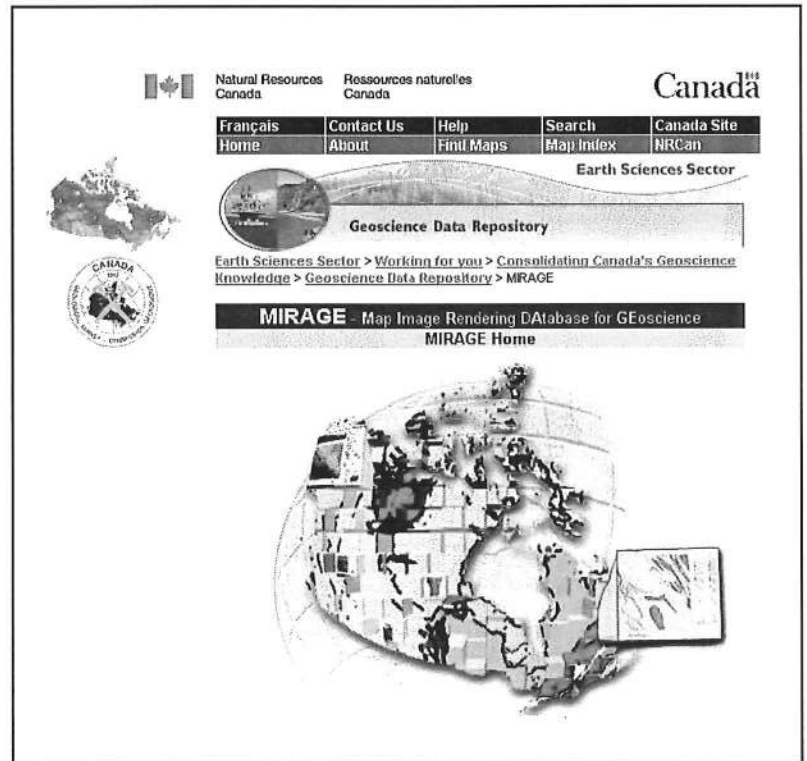
Au cours de la dernière année, une équipe d'experts du Secteur des sciences de la Terre (SST) de Ressources naturelles Canada, a travaillé à appliquer aux publications scientifiques cette idée d'un accès gratuit, rapide et facile. Le 20 janvier 2005, l'équipe a lancé le nouveau site Web Publications pour téléchargement gratuit ([http://cgc.rncan.gc.ca/librairie/download/publist\\_f.php](http://cgc.rncan.gc.ca/librairie/download/publist_f.php)). Le site permet à toute personne ayant accès à un ordinateur de télécharger sans frais les Bulletins, Dossiers publics, Rapports divers, cartes et autres publications de la Commission géologique du Canada.

Jusqu'à maintenant, 400 rapports et publications numériques ont été rendus disponibles. On prévoit que ce nombre continuera d'augmenter au cours de l'année.

De plus, 7 000 cartes géologiques et affiches sont accessibles via un site parallèle de téléchargement, MIRAGE [Base de données pour l'affichage d'images géoscientifiques] ([http://rgsc.rncan.gc.ca/mirage/index\\_f.php](http://rgsc.rncan.gc.ca/mirage/index_f.php)), qui est en fait une bibliothèque d'images numériques de cartes de la Commission géologique du Canada. Une partie de l'information est offerte par l'entrepôt de données géoscientifiques ([http://gdr.rncan.gc.ca/index\\_f.php](http://gdr.rncan.gc.ca/index_f.php)). Et si vous préférez éviter le téléchargement, vous pouvez encore vous procurer des copies imprimées ou sur CD pour le prix du support sur lequel elles sont produites.

« Notre vision est de créer un portail de publications scientifiques et techniques, un guichet unique pour télécharger les produits scientifiques du Secteur des sciences de la Terre », explique Andy Moore, gestionnaire des Services de publication scientifique et technique et chef du projet. « Ce portail représente un tournant décisif. La science a été ici l'un des secrets les mieux gardés, malheureusement, et c'est terrible. Nous devons commencer à promouvoir notre science. »

Le site Publications disponibles pour téléchargement gratuit s'avère très convivial. La page d'accueil propose trois options : « Téléchargements les plus populaires », « Nouveautés disponibles pour téléchargement » et « Recherche des publications disponibles pour téléchargement ». La librairie de la Commission géologique du Canada possède en inventaire près de 20 000 publications en format imprimé qui vont des cartes jusqu'aux mémoires, certains datant du tournant du vingtième

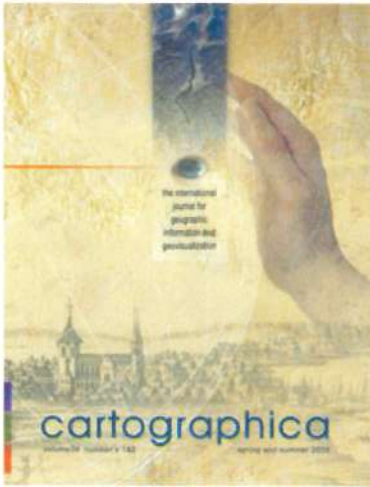


siècle. Les descriptions complètes des métadonnées pour ces publications sont disponibles sur GEOSCAN ([http://sst.rncan.gc.ca/cist/geoscan\\_f.php](http://sst.rncan.gc.ca/cist/geoscan_f.php)), la base de données bibliographiques du Centre d'information sur les sciences de la Terre. Andy explique comment le nouveau site Web évoluera en promouvant des publications scientifiques connexes auprès des clients. À mesure qu'on optimisera la base de données de GEOSCAN, d'autres publications et d'autres données sur des thèmes, par des auteurs ou en provenance d'endroits similaires seront offertes aux clients. De nouvelles publications s'ajoutent constamment.

La base de la clientèle des publications scientifiques du SST est en train de s'élargir. Au-delà des scientifiques et des chercheurs, elle comprend maintenant des compagnies d'assurance, des administrations municipales, des organismes de réglementation, des groupes environnementaux et des ONG. Autant d'organisations qui ont besoin de connaître la géologie de leur milieu pour pouvoir exercer une réglementation. Le nouveau site Web offre à ces organisations un accès facile à l'information dont ils ont besoin.

Les membres de l'équipe qui a créé le site forment un groupe varié, qui comprend un expert en conception, un spécialiste en cartographie, des rédacteurs-réviseurs, un analyste technique, un spécialiste des bases de données et un cartographe. Ils sont déterminés à ce que le site continue sur sa lancée.

\* Adapté du journal 'La Source' et reproduit avec la permission de Ressources naturelles Canada.



The international journal for geographical information and visualization

Editors/Rédacteurs – Peter Keller, Roger Wheate, Clifford Wood

Le Journal international pour l'information géographique et la visualisation

**CARTOGRAPHICA** is an internationally-renowned journal, published by the University of Toronto Press. In addition to regular issues, **Cartographica** also appears in monograph form, comprising a collection of articles or a single piece of work on a particular topic. CCA members receive **Cartographica** as part of the membership

**CARTOGRAPHICA** est le journal de renommée internationale publié par les presses de l'Université de Toronto. En plus des numéros réguliers, **Cartographica** est aussi publié sous la forme de monographie, comprenant une collection d'articles ou un travail sur un projet particulier. Les membres de l'ACC reçoivent **Cartographica**.

## CARTO 2005

July 26-30, 2005

Memorial University of Newfoundland  
St. John's, NL

<http://staff.library.mun.ca/CARTO2005/>



The planning is well underway for CARTO 2005. We hope you can all come and enjoy the wonderful city of St. John's and Memorial University of Newfoundland. Here are some of the events we are organizing especially for this conference:

The Ice Breaker reception will be taking place in the historic Newman Wine Vaults, located in the downtown area of the city. These are the vaults where the Newfoundland Port was held before it went to market in England.

The CCA Orienteering competition for our dedicated annual competitors will be held in either Bowring Park or Pippy Park. For those of us who are not as enthusiastic, we will also be offering at the same time, a walking tour of the park (Bowring Park) or the Botanical Gardens (Pippy Park).

The annual conference banquet and awards evening will be held at The Admiral's Green Clubhouse located on Nagle's Hill. The view of the city and harbour from this site is spectacular!

For Saturday, July 30th, we have arranged for a day-long tour that includes: a boat tour of the sites around St. John's harbour; a bus tour of the city; a visit to the new GeoCentre located on our famous Signal Hill; and to end the day, a tour of Quidi Vidi Brewery, located in the historic fishing community of Quidi Vidi just northeast of Signal Hill.

Some of the highlights of this year's conference include:

- 30th anniversary of the CCA
- Metadata panel
- GIS Information Literacy
- GIS Freeware
- Captain Cook's cartography of Newfoundland
- The Atlas of Canada - Past, Present and Future
- 75th anniversary of *Canadian Geographic Magazine*
- MapsNL - website featuring Newfoundland and Labrador geographic information
- Fabian O'Dea's map collection
- Copyright issues in the cartographic/data community
- Library and Archives of Canada

If there is a topic you want to present, please contact [dduda@mun.ca](mailto:dduda@mun.ca) and for consideration by the Program Committee.

All maps and atlases submitted for the Canadian Cartographic Exhibit for ICA 2005 in Spain will be on display, and there will be places for vendors to show their wares, poster sessions, and of course, student work and projects from the various cartographic programs across Canada.

If you have any questions, please do not hesitate to contact Dan Duda at [dduda@mun.ca](mailto:dduda@mun.ca) or at 1-709-737-8892.

**The Canadian Cartographic Association**  
**L'Association canadienne de cartographie**

[www.cca-acc.org](http://www.cca-acc.org)

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