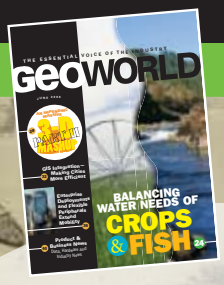
FINAL PROGRAM/PROGRAMME FINAL

June 18-21, 2006
Du 18 au 21 juin 2006

GeoTEC event2006

Ottawa Congress Centre
Centre des congrès d'Ottawa
Ottawa Canada

CELEBRATING HISTORY AND INNOVATION
CÉLÉBRONS L'HISTOIRE ET L'INNOVATION



This conference is sponsored and supported by GeoTec Media, publisher of *GeoWorld* magazine and developer of the *GeoPlace.com* Web portal.

Cette conférence est parrainée et appuyée par GeoTec Media, éditeur du magazine GeoWorld et concepteur du portail Web GeoPlace.com.

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Cameron Wilson, Natural Resources Canada/Ressources naturelles Canada

Geoff Zeiss, Autodesk

Celebrating Technology and Innovation

This year's GeoTec Event marks the 100th anniversary of the Atlas of Canada and the 20th anniversary of the event. This year also marks an expansion of the audience with the co-location of the annual meetings of the Association of Canadian Map Libraries and Archives, the Canadian Cartographic Association and the Geomatics Industry Association of Canada's Leaders Forum.

This document is designed to help you navigate all the offerings at this event. The Conference at a Glance grid starting on page 16 provides a broad overview of everything that is taking place. You may also search by subject and by day.

We hope you enjoy your time at the 2006 GeoTec Event. Thank you for attending and please don't hesitate to visit the show management office in the Executive Suite if there's anything we can do to make this experience more rewarding.

Célébration de la Technologie et de l'Innovation

La conference GeoTec de cette année souligne le 100e anniversaire de l'Atlas du Canada de même que le 20e anniversaire de l'événement. Cette année est également marquée par l'expansion du nombre de participants avec le co-emplacement des assemblées annuelles de l'Association des cartothèques et archives cartographiques du Canada, de l'Association canadienne de cartographie et du Forum annuel des leaders en géomatique de l'Association canadienne des entreprises de géomatique.

Ce document est conçu pour vous guider à travers toutes les contributions à cet événement. La grille « Coup d'oeil sur la conférence » à la page 16 fournit une vue d'ensemble de tout ce qui est offert. Vous pouvez également consulter une liste de présentations et activités par sujet et par jour.

Nous espérons que vous apprécirez l'événement 2006 de GeoTec. Merci de votre présence et n'hésitez pas à visiter le bureau de gestion d'exposition dans la suite exécutive si nous pouvons faire quelque chose pour rendre votre expérience plus enrichissante.

Matt Ball
Show Manager and Editor,
GeoWorld magazine
Responsable du salon et rédacteur
en chef, Magazine *GeoWorld*

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This year, the GeoTec Event will be co-located with the following organizations /
Cette anné, la conference GeoTec sera donnée en collaboration avec les organismes suivants:

Association of Canadian Map Libraries and Archives (ACMLA)

Canadian Cartographic Association (CCA)

Geomatics Industry Association of Canada (GIAC)
Geomatics Leaders Forum

International Cartographic Association
Commission on National and Regional Atlases

International Cartographic Association
Commission on maps and the internet

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OCC = Ottawa Congress Centre/Centre des congrès d'Ottawa

MONDAY, JUNE 19/ LUNDI 19 JUIN

08:30 - 09:00

OCC - Hall E
Opening Ceremony / Cérémonie d'ouverture

Matt Ball, Show Manager, GeoTec Event
The Honourable Gary Lunn, Minister, Natural Resources Canada / Ressources naturelles Canada
Ian Wilson, Librarian and Archivist of Canada, Library and Archives Canada /Bibliothèque et Archives Canada
Elizabeth Wong, Stamp Manager, Canada Post / Postes Canada

09:00 - 10:00

OCC - Hall E
Opening Keynote/ Discours d'ouverture

Ambient Findability:
Mapping the Future Present
Peter Morville, President, Semantic Studios, Ann Arbor, MI, USA

Ambient findability describes a world, at the crossroads of ubiquitous computing and the Internet, in which we can find anyone or anything from anywhere at anytime. It's not necessarily a goal, since this vision raises serious questions about privacy. And we'll never reach the destination, for perfect findability is impossible. But we're surely headed in the right direction, and it's about time we surveyed the road ahead.

Of course, it's not so easy to map this territory where boundaries blur, for as the Web becomes both interface and infrastructure for a location-aware Internet of objects we can barely imagine, search and wayfinding are combining to create a whole new category of spatiosemantic experience, and an entirely new relationship to place.

In this provocative cyberspace safari, Peter Morville explores the future present in mobile devices, mapping mashups, geotags, sensors, search algorithms, ontologies, folksonomies, findable objects, and the long tail of the geospatial Web. Reflect with Peter as he challenges us to think differently about the power of search and findability to redefine where we go, what we find, and who we become.

CONCURRENT PANEL DISCUSSIONS/ DISCUSSIONS EN GROUPES SIMULTANÉES

Join one of two concurrent panels that will address future technology directions. Audience participation is encouraged and facilitated.
Joignez-vous à un des deux panels simultanés qui porteront sur les orientations technologiques futures. Nous encourageons et favorisons la participation du public.

10:30 - 12:00

PANEL—Geospatial Technology Outlook
OCC - Hall E

Moderator: Matt Ball, Editor, GeoWorld magazine, Boulder, CO, USA

Panelists:

Joseph K. Berry, Keck Scholar in the Geosciences, University of Denver, Denver, CO, USA
Dr. Berry is column author of "Beyond Mapping" for *GeoWorld*. He has written more than 200 papers on the analytic capabilities of GIS, and he authored the popular books "Beyond Mapping" and "Spatial Reasoning." Since 1976, he has presented workshops on GIS technology and map analysis concepts to thousands of professionals.

Henry Kucera, President, Swiftsure Spatial Systems, Victoria, BC, Canada
Mr. Kucera is a recognised expert in spatial and temporal systems design in Canada and abroad. His experience in spatial information management and analysis spans the fields of agriculture, mining, mineral and petroleum exploration, forestry, facilities management, health information, remote sensing, nautical charting and topographic mapping.

Nick Chrisman, Professor of Geomatics Sciences, Université Laval, Québec, QC, Canada
Dr. Chrisman's research has concentrated on time in GIS, data quality testing and the social and institutional aspects of GIS. He serves as Scientific Director of the GEOIDE Network, one of the Networks of Centres of Excellence.

PANEL—National Atlases: Now and in the Future
OCC - 4B/5B

This panel brings together the private sector, academia, Canadian and U.S. government leaders to discuss their views on National Atlases. Each panelist will provide a brief overview followed by a question and answer session. Potential discussion points are: Why a national atlas? What form of governance suits national atlases in the future? What are the roles of government, industry, academia and the public in a national atlas? What is the balance between a citizen participatory atlas and an authoritative atlas?

Moderator: Cameron Wilson, Project Manager, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Panelists:

Karen Siderelis, Associate Director for Geospatial Information and Chief Information Officer, U.S. Geological Survey, Reston, VA, USA

Irwin J. Itzkovitch, Assistant Deputy Minister, Earth Sciences Sector, Natural Resources Canada, Ottawa, ON, Canada

Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Alex Miller, President, ESRI Canada, Toronto, ON, Canada

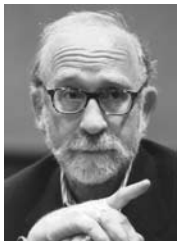
Gala Dinner Keynote/ Conférencier-invité au dîner de gala

Rex Murphy presents informed, insightful and sometimes biting commentary. Murphy is a social commentator and editorial journalist with weekly television commentary on *The National Magazine*, host of the Sunday afternoon CBC Radio program *Cross Country Checkup*, an editorial contributor to CBC Radio's *Definitely Not the Opera*, and a weekly Saturday columnist in *The Globe and Mail*.

WEDNESDAY, JUNE 21/ MERCREDI 21 JUIN

08:00 - 09:00

OCC - Hall E
Keynote Breakfast/ Petit-déjeuner conférence



The Meaning in the Map:
Examples from Medical Cartography
Tom Koch, Adjunct Professor of Geography (medical) University of British Columbia and Adjunct Professor of Gerontology, Simon Fraser University, Vancouver, BC, Canada

Mapping is about collecting data and presenting ideas that define the policies that make the world in which we live. The result is not "representative," as in a picture of the world. It is instead the world centered on a specific problem and the solution we wish to achieve. Medical geographer and historian Tom Koch argues that this is what mapping has always done and what it does for us today. The author of *Cartographies of Disease*, a history of medical mapping from 1690 to the present redefines mapping and its purpose through the medical example, showing how modern GIS technologies increase the potential of the process.

GCC = Government Conference Centre/Centre de conférences du gouvernement

GEOTEC

SUNDAY, JUNE 18 / DIMANCHE 18 JUIN

09:00 - 17:00

OCC - Room 1A

Best Practices for Developing Geographic Information Models

David Arctur, Interoperability Engineer, ESRI, Austin, TX, USA and Douglas Adams, Baltimore County GIS Manager, Baltimore, MD, USA

URISA CERTIFIED WORKSHOP

This workshop shows how you can build on your existing data and skills to take advantage of the latest generation of GIS tools and practices for database design. After an introduction to the fundamental concepts of GIS database design, a variety of case studies of GIS databases will be discussed.

OCC - Room 5A

eGovernment—Planning, Policy and the Portal

Jury Konga, manager, GIS Services, Town of Richmond Hill, Richmond Hill, ON, Canada

URISA CERTIFIED WORKSHOP

This workshop is a must to understand the full scope of what eGovernment is and to assess the role that technologies such as GIS need to play.

OCC - Room 6A

Geospatial Metadata Implementation Strategies

Bruce Westcott, Geospatial Metadata Consultant, Marshfield, VT, USA

The United States and Canada are working together to develop a North American "profile" of ISO metadata for joint use. The goal of the workshop is to help information managers and metadata authors gain a complete conceptual understanding of the challenges and benefits of profile compliance.

OCC - Room 4A

GIS Modeling

Joseph Berry, Keck Scholar in Geosciences, University of Denver, Denver, CO, USA

This intermediate level workshop presents the basic concepts, procedures and applications of grid-based GIS modeling with emphasis in natural resources, environmental management and business geographics.

University of Ottawa, LAGGIS, 60 University Street

Integrating Geomatics and Photorealistic Geovisualization

Michael Sawada, Associate Professor of Geomatics and Director Laboratory for Applied Geomatics and GIS Science (LAGGISS), Geography, University of Ottawa and Zoran Reljic, M. Sc. Candidate, LAGGISS, Ottawa, ON, Canada

This hands-on workshop will provide practical knowledge in the application of contemporary geovisualization and its integration with state-of-the-art "Hollywood" photorealistic visualization software. The workshop will be held in a computer lab.

OCC - Room 2A

Introduction to Open Source GIS

Paul Ramsey, President, Refractions Research, Victoria, BC, Canada

This hands-on workshop will cover the building of a complete spatial data management system using only open-source components. Participants will install and configure the spatial database, load demonstration data into it, view the data and edit it with a desktop tool, create a Web mapping service that publishes cartographic maps to the Internet, and create a Web feature service that publishes GML to the Internet.

OCC - Room 3A

OGC Web Services

Sam Bacharach, executive director, Outreach and Adoption Program, The Open Geospatial Consortium, Fairfax, VA, USA

This workshop will explain the foundation of international standardization efforts, including those of the International Organization for Standardization (ISO), relate them to specific business case requirements, and delve into technical detail about the OpenGIS Implementation and Encoding specifications that form the Open Geospatial Consortium family of standards.

ACMLA/L'ACACC

SATURDAY, JUNE 17 / SAMEDI 17 JUIN

09:00 - 17:00

University of Ottawa, Morisett Library, Room 211

Demystifying Geospatial Data Cataloguing

Mary Larsgaard, Assistant Head, Map and Imagery Laboratory, Alexandria Digital Library/Davidson Library, University of California, Santa Barbara, CA, USA and Frank Williams, University of Ottawa and Christine Alexander, Library and Archives Canada, Ottawa, ON, Canada

This one-day workshop is intended for cataloguers and map librarians who want to learn the basics of cataloguing geospatial data.

SUNDAY, JUNE 18 / DIMANCHE 18 JUIN

09:00 - 17:00

Carleton University, MacOdrum Library, Room 102

GIS Reference Services

Heather McAdam, Carleton University and Susan Mowers, University of Ottawa, Ottawa, ON, Canada

This hands-on workshop will deal with geospatial reference questions with an introduction to ArcCatalog.

CCA/L'ACC

SUNDAY, JUNE 18 / DIMANCHE 18 JUIN

09:00 - 12:30

Carleton University, Loeb A237

Managing Geographic Names in a GIS

David Raymond, Cartography Faculty, Centre of Geographic Sciences (COGS), Lawrencetown, NS, Canada

This workshop will encompass four parts: 1. Results of the GIS Reference Survey. 2. Discussion of geospatial reference questions. 3. Introduction to MrSID images. 4. Custom ArcGIS map project using data digital air photos, satellite images and road network data.

13:30 - 17:00

Carleton University, Loeb A220

Planning for and Implementing Cartographic Representations in ArcGIS 9.2

Robert Jensen, cartographer, and Peter Kasianchuk, instructor, ESRI, Redlands, CA, USA

This workshop will discuss the "best practices" for preparing a geodatabase and will demonstrate the creation, interaction and management of representations in map production.

Photo By: University of Ottawa

SESSIONS BY SUBJECT/SÉANCES PAR SUJET

ATLASES, CARTOGRAPHY AND VISUALIZATION

The history of Canada is reflected in the history of the atlas. In recognition of the centennial, this track is designed to celebrate the past and explore future roles of atlases. This track represents the effective use of cartographic skills for map communication, and the many new means for more realistic map visualization. In addition, this track explores the impact of digital data and software tools on traditional cartographic skills and atlas creation.

Monday, June 19/ Lundi 19 juin

13:00 - 14:30
Regional Atlases (CCA) — OCC, Room 3A
Reporting Framework — OCC, Room 4B
Past and Present Atlas — OCC, Room 5B

15:30 - 17:00
History of Cartography (CCA/ACMLA) — OCC, Room 3A
Atlas Futures — OCC, Room 5B

Tuesday, June20/ Mardi 20 juin

09:00 - 10:30
Mountain Cartography and DEMs I (CCA) — GCC, Annex Room
The Future of Internet Mapping (ICA Commission on Maps and the Internet) — OCC, Room 2A

11:00 - 12:30
Mountain Cartography and DEMs II (CCA) - GCC, Annex Room

13:30 - 15:00
PANEL—Future of Topographic Mapping in Canada (ACMLA) - GCC, Sussex Room
Map Design I (CCA) - GCC, Annex Room

15:30 - 17:00
PANEL—Cybercartography: Maps and Mapping in the Information Era — GCC, Sussex Room
Map Design II (CCA) - GCC, Annex Room

Wednesday, June 21/ Mercredi 21 juin

09:00 - 10:30
Planning for the Future (ACMLA) — GCC, Annex Room

13:30 - 15:00
PANEL—Atlas of Canada: Future Opportunities — GCC, Annex Room
User-Centered Design and Development (CCA) — OCC, Room 1A

ENTERPRISE INTEGRATION

Geospatial technology is increasingly finding a home in information technology (IT) departments. This track includes sessions on IT requirements for geospatial technology integration, spatial databases, enterprise application integration, Web services, geospatial intelligence and document management.

Monday, June 19/ Lundi 19 juin

13:00 - 14:30
Transforming to IT Infrastructure — OCC, Room 2A

15:30 - 17:00
System Integration Examples — OCC, Room 2A

Tuesday, June 20/ Mardi 20 juin

11:00 - 12:30
Web Mapping — OCC, Room 2A

13:30 - 15:00
Decision Support Systems — OCC, Room 4B

15:30 - 17:00
Public Safety — OCC, Room 2A

Wednesday, June 21/ Mercredi 21 juin

09:00 - 10:30
Database Development — OCC, Room 2A

11:00 - 12:30
Collaborative Resource Management — OCC, Room 2A

GEOSPATIAL DATA

Timely access to accurate geospatial data is crucial to any GIS project. Sessions will address data storage, field data collection, data integration, management, dissemination, development and promotion of standards and best practices.

Monday, June 19/ Lundi 19 juin

13:00 - 14:30
Parcel Mapping — OCC, Room 1A

15:30 - 17:00
Cross-Border Census Collaboration — OCC, Room 1A

Tuesday, June 20/ Mardi 20 juin

09:00 - 10:30
Archiving I (ACMLA) — GCC, Sussex Room
Data Sharing Agreements — OCC, Room 1A

11:00 - 12:30
Archiving II (ACMLA) — GCC, Sussex Room

13:30 - 15:00
Road Network — OCC, Room 1A

15:30 - 17:00
Elevation Data — OCC, Room 1A

Wednesday, June 21/ Mercredi 21 juin

13:30 - 15:00
Geographic Names — OCC, Room 4B

GEOSPATIAL RESEARCH AND EDUCATION

This track offers educational research highlights and a forum for educators, students and employers to measure curriculum against occupational demand.

Wednesday, June 21/ Mercredi 21 juin

09:00 - 10:30
PANEL—Map Production and Education: What We Do and What We Teach (CCA) — OCC, Room 3A

13:30 - 15:00
Cartography and GIS: Human Dimensions (CCA) — OCC, Room 3A

15:30 - 17:00
Geospatial Career Opportunities Panel — OCC, Room 4B

GIS DEVELOPMENT

The flexibility of current GIS tools and architecture has led to increased flexibility for solution customization. This track contains sessions on tools and resources to empower the advanced GIS user and systems integrator to create custom solutions of their own.

Monday, June 19/ Lundi 19 juin

13:00 - 14:30
Business Geographics — GCC, Annex Room

15:30 - 17:00
Immersive Environments — OCC, Room 4B

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SESSIONS BY SUBJECT/SÉANCES PAR SUJET

Tuesday, June 20/
Mardi 20 juin

09:00 - 10:30
Analytical Problems in GIS (CCA) — OCC, Room 3A

11:00 - 12:30
Collaboration Tools — OCC, Room 1A
Incorporating Real-Time Data Feeds — OCC, Room 3A

13:30 - 15:00
Open Source Overview — OCC, Room 3A
Visualization — OCC, Room 2A

15:30 - 17:00
Geographic Exploration Systems — OCC, Room 5B
Open Source Applications — OCC, Room 3A

Wednesday, June 21/
Mercredi 21 juin

09:00 - 10:30
Location-Based Services - OCC, Room 7A
Web 2.0 a Platform for Geomatics and the Atlas of Canada — OCC, Room 1A

11:30 - 12:30
Imagery Analysis — OCC, Room 7A

13:30 - 15:00
Analytical Approaches — OCC, Room 7A

GIS AND PUBLIC POLICY

GIS is a powerful tool for local and national policy makers. This track deals with data policy issues as well as the application of GIS in social services, emergency response, and disaster planning and mitigation efforts.

Tuesday, June 20/
Mardi 20 juin

11:00 - 12:30
Decision Support for Emergencies — OCC, Room 4B

Wednesday, June 21/
Mercredi 21 juin

09:00 - 10:30
Mapping Issues in the Geography of Health (CCA), OCC, Room 4B

11:00 - 12:30
Climate Change — OCC, Room 1A
Public Health — OCC, Room 4B
Contemporary and Historical Geographies of the Canadian Métis — OCC, Room 3A

13:30 - 15:00
PANEL—PC-IDEA — OCC, Room 2A

INFRASTRUCTURE AND INTEROPERABILITY

Geospatial data must be shared in order to leverage existing investments and minimize production costs and the duplication of effort. Learn how the geospatial data barrier problem is being solved by both large-scale data distribution efforts, such as the GeoConnections program, and the data and system standardization efforts of the Open Geospatial Consortium.

Monday, June 19/
Lundi 19 juin

15:30 - 17:00
Data Access — GCC, Sussex Room

Tuesday, June 20/
Mardi 20 juin

09:00 - 10:30
Northern Initiatives — OCC, Room 7A

11:00 - 12:30
Imagery Management and Distribution — OCC, Room 7A

13:30 - 15:00
System Interoperability — OCC, Room 7A

15:30 - 17:00
International Standards — OCC, Room 7A

Wednesday, June 21/
Mercredi 21 juin

11:00 - 12:30
Data Distribution Issues — OCC, Room 5B

13:30 - 15:00
Canadian and U.S. Partnerships — OCC, Room 5B

INTEGRATED CASE STUDIES

These sessions are devoted to a specific organization's implementation of integrated geospatial technology. Presentations provide multiple perspectives with a focus on increased efficiency, better decision making and reduced costs.

Monday, June 19/
Lundi 19 juin

15:30 - 17:00
CLAIMaps and Geology Ontario — GCC, Annex Room

Tuesday, June 20/
Mardi 20 juin

09:00 - 10:30
How the City of Sarajevo Reduced the Cost of Infrastructure Locate Requests through Automation — OCC, Room 5B

Hurricane Katrina — OCC, Room 4B

11:00 - 12:30
National Land and Water Information Service (NLWIS) — OCC, Room 5B

15:30 - 17:00
Defence Geomatics — OCC, Room 4B

Wednesday, June 21/
Mercredi 21 juin

09:00 - 10:30
On-Demand Mapping at the Innovation Acceleration Centre (IAC) within Natural Resources Canada (NRCAN), International Division — OCC, Room 5B

11:00 - 12:30
Hands-On: Build an Interactive Online Atlas with the Cybercartographic Atlas Framework — GCC, Annex Room

POSTER SESSION

The following poster presentations will take place in the poster area in the Exhibit Hall. Authors will be available to discuss their presentations during the Opening Reception from 4 - 6 p.m. on Tuesday, June 20. The posters will be displayed throughout the conference.

Design and Implementation of a Moving Objects Server for Location-Based Services, InSung Jang, Senior Researcher, ETRI, Daejeon, South Korea

National Atlases of European Countries: Brief Overview and Comparison, Vit Vozelinek, Dept. of Geoinformatics, Palacky University in Olomouc, Olomouc, Czech Republic

The Use of Geographic Metadata Catalogues: A Contextual Inquiry, Shelley Roberts, PhD. Candidate, Carleton University, Ottawa, ON, Canada

MONDAY, JUNE 19/ LUNDI 19 JUIN

08:30 - 9:00

Introduction — OCC, Hall E

Opening Remarks, Matt Ball, Editor, *GeoWorld* magazine, Boulder, CO, USA

Welcome, The Honourable Gary Lunn, Minister of Natural Resources, Ottawa, ON, Canada

Terra Nostra Book Launch, Ian E. Wilson, Librarian and Archivist of Canada, Library and Archives Canada / Bibliothèque et Archives, Canada, Ottawa, ON, Canada

Commemorative Stamp, Elizabeth Wong, Manager of Stamp Design and Production, Canada Post, Ottawa, ON, Canada

09:00 - 10:00

Opening Keynote—Ambient Findability: Mapping the Future Present — OCC, Hall E

Peter Morville, president Semantic Studios and professor at the University of Michigan's School of Information, Ann Arbor, MI, USA

10:30 - 12:00

PANEL—Geospatial Technology Outlook—OCC, Hall E

Moderator: Matt Ball, Editor, GeoWorld magazine, Boulder, CO, USA

Panelist, Joseph K. Berry, Keck Scholar in the Geosciences, University of Denver, Denver, CO, USA

Panelist, Henry Kucera, President, Swiftsure Spatial Systems, Victoria, BC, Canada

Panelist, Nick Chrisman, Professor of Geomatics Sciences, Université Laval, Québec, QC, Canada

PANEL—National Atlases: Now and in the Future—OCC, Room 4B/5B

Moderator: Cameron Wilson, Project Manager, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Panelist, Karen Siderelis, Associate Director for Geospatial Information and Chief Information Officer, U.S. Geological Survey, Reston, VA, USA

Panelist, Irwin J. Itzkovitch, Assistant Deputy Minister, Earth Sciences Sector, Natural Resources Canada, Ottawa, ON, Canada

Panelist, Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Panelist, Alex Miller, President, ESRI Canada, Toronto, ON, Canada

13:00 - 14:30

ATLASES, CARTOGRAPHY & VISUALIZATION

Past and Present Atlas — OCC, Room 5B

Moderator: Donna Williams, Project Manager, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

The Evolution of the Atlas of Canada 1906-2006, Claire Gosson, Senior Geographer, Natural Resources Canada, Ottawa, ON, Canada

The Historical Atlas of Canada Online Learning Project: Past, Present and Future, Byron Moldofsky, Cartographer and GIS Analyst, University of Toronto, Toronto, ON, Canada

The U.S. Census: 1870 and Today, Tim Trainor, Assistant Division Chief for Geographic Areas and Cartographic Data Products, U.S. Census Bureau, Washington, D.C., USA

ATLASES, CARTOGRAPHY & VISUALIZATION

Regional Atlases (CCA) — OCC, Room 3A

Moderator: Sébastien Caquard, Post-Doctoral Fellow, Carleton University, Ottawa, ON, Canada

Atlas of Tehran Metropolis, Mohammad Hassan Mousavizadeh, Petroleum University of Technology, Tehran, Iran

A Renewal of Indonesian National Atlas, Trini Hastuti, Head for Resource and Public Atlas Division, National Coordinating Agency for Surveys and Mapping, Jakarta, Indonesia

Do Regional Atlases Age Well?, Majella-J. Gauthier, Geographer, Professor Emeritus, Université du Québec à Chicoutimi, Chicoutimi, QC, Canada

GeoConnections Regional Atlas: An Integrated Approach to Regional Decision-Making, Denis Poliquin, Regional Atlas Advisor GeoConnections, Ottawa, ON, Canada

ATLASES, CARTOGRAPHY & VISUALIZATION

Reporting Framework — OCC, Room 4B

Moderator: Bruce Westcott, Geospatial Metadata Consultant, Marshfield, VT, USA

Protected Areas: A New Canadian Framework for National Reporting, Anna Regan, Geomatics Engineer, Natural Resources Canada, Ottawa, ON, Canada

Watersheds: The Evolution of a New Environmental Star, Peter Paul, Project Manager, Natural Resources Canada, Ottawa, ON, Canada

GI Management in an Atlas Project, Vit Vozelinek, Dept. of Geoinformatics, Palacky University in Olomouc, Olomouc, Czech Republic

ENTERPRISE INTEGRATION

Transforming to IT Infrastructure — OCC, Room 2A

Moderator: Stephen Perkins, City of Ottawa, Ottawa, ON, Canada

Best Practices for Enterprise and Multi-agency GIS, Vivek Baijal, Vice President, Consulting, Linnet Systems, Kanata, ON, Canada

Enterprise GIS - The Ottawa Experience, Laine Wyman, GIS Manager, City of Ottawa, Ottawa, ON, Canada

Inter Agency Committee on Geomatics: Perspectives on the Coordination of Geomatics in the Federal Government, Julie Leese, Director Geomatics, Public Works and Government Services Canada, Ottawa, ON, Canada

GEOSPATIAL DATA

Parcel Mapping — OCC, Room 1A

Moderator: Robert Penner, Supervisor, Business Systems Improvement, Town of Markham, Markham, ON, Canada

There's Got to be a Better (Mapping) Mousetrap!, Bill Martin, Partner, Martin Newby Consulting, Calgary, AB, Canada

Ontario Parcel Program — Revisited, Mike Power, Executive Director, eServices, Teranet Inc., Toronto, ON, Canada

Geographic IQ: The Impact of Convergence, Mike Donald, Managing Director, Terralink International Limited, Wellington, New Zealand

GIS DEVELOPMENT
Business Geographics — GCC, Annex Room

What's New in Business GIS?, Deepta Rayner, Research Solutions Inc., Toronto, ON, Canada

Getting Down to the Postal Code, Don Penfold, Research Solutions Inc., Toronto, ON, Canada

Retail Competition Analysis, Joseph Berry, Keck Scholar in Geosciences, University of Denver, Denver, CO, USA

15:30 - 17:00

ATLASES, CARTOGRAPHY & VISUALIZATION
Atlas Futures — OCC, Room 5B

Moderator: Denis Hains, Director, GeoAccess Division, Natural Resources Canada, Ottawa, ON, Canada

Future Vision for the Atlas of Canada, Marc D'Iorio, Director General, Canada Centre for Remote Sensing, Natural Resources Canada, Ottawa, ON, Canada
Cybercartographic Atlases, Society and Government: New Directions for the Future, Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

The Animated Atlas, Michael Peterson, Professor of Geography, University of Nebraska at Omaha, Omaha, NE, USA

ATLASES, CARTOGRAPHY & VISUALIZATION
History of Cartography (CCA/ACMLA) — OCC, Room 3A

Moderator: Betty Kidd, (Retired), National Archives of Canada, Ottawa, ON, Canada

David Thompson's Mapping of the International Boundary, 1816-1826, Frances Pollitt, Maine Historical Society, Portland, ME, USA

Why Did Augustus Jones Cease Surveying in 1800?, Alun Hughes, Associate Professor, Department of Geography, Brock University, St. Catharines, ON, Canada

Re-envisioning the Map Display Case: Libraries, Historic Maps and Google Earth, Larry W. Laliberté, GIS Librarian, University of Manitoba, Winnipeg, MB, Canada

Historical Maps Showing First Nations in the Southern Interior of British Columbia, Ken Favrholdt, Instructor, Thompson Rivers University, Kamloops, BC, Canada

ENTERPRISE INTEGRATION
System Integration Examples — OCC, Room 2A

Moderator: Laine Wyman, GIS Manager, City of Ottawa, Ottawa, ON, Canada

Asset Management Integration for Sign Maintenance, Robert Penner, Supervisor, Business Systems Improvement, Town of Markham, Markham, ON, Canada

Integrating GIS with Document Management, Hugh Ritchie, Solutions Manager, Hummingbird, Toronto, ON, Canada

GEOSPATIAL DATA
Cross-Border Census Collaboration — OCC, Room 1A

Moderator: Paula Hurtubise, Chief Client Liason, Geography Division, Statistics Canada, Ottawa, ON, Canada

Finding Common Ground - Analysis of Geographic Units Between the U.S. Census Bureau and Statistics Canada, Timothy Trainor, Assistant Division Chief for Geocartographic Products and Customer Services, U.S. Census Bureau, Washington, D.C., USA and Henry Puderer, Chief, Geographic Concepts, Statistics Canada, Ottawa, ON, Canada

The Road Network File, Randy Fusaro, Chief, National Geographic Partnerships Team, U.S. Census Bureau, Washington, D.C., USA and Peter Rushforth, Senior GIS Systems Analyst, Statistics Canada, Ottawa, ON, Canada

GIS DEVELOPMENT
Immersive Environments — OCC, Room 4B

Moderator: Joseph Berry, Keck Scholar in Geosciences, University of Denver, Denver, CO, USA

Virtual University City, Marlen Kokaz, GIS Director, University Of Pennsylvania, Philadelphia, PA, USA

Digital City Models from the Ground Up, Fuad Khan, Photogrammetry Team Lead/Engineer, Immersive Media Corp., Calgary, AB, Canada

Photorealistic Geovisualization, Michael Sawada, Associate Professor of Geomatics and Director Laboratory for Applied Geomatics and GIS Science (LAGGISS), Geography, University of Ottawa, Ottawa, ON, Canada

INFRASTRUCTURE & INTEROPERABILITY
Data Access — GCC, Sussex Room

Moderator: Christopher Eckstein, Ontario Ministry of Natural Resources, Peterborough, ON, Canada

Leveraging Google Earth for Local Government Data Dissemination, Jason Birch, Sr. Applications Analyst, City of Nanaimo, Nanaimo, BC, Canada

Topographic Information Available through Web Mapping Services, Pierre Desjardins, Project Manager, Natural Resources Canada, Sherbrooke, QC, Canada

The Community Information Database (CID), Kate Humpage, Manager of Research and Analysis, Agriculture and Agri-Food Canada, Calgary, AB, Canada

INTEGRATED CASE STUDY
CLAIMaps and Geology Ontario — GCC, Annex Room

Brian Berdusco, GIS Project Manager, Ontario Ministry of Northern Development and Mines, Sudbury, ON, Canada

TUESDAY, JUNE 20/ MARDI 20 JUIN

09:00 - 10:30

ATLASES, CARTOGRAPHY & VISUALIZATION

Mountain Cartography and DEMs I (CCA) — GCC, Annex Room

Moderator: Roger Wheate, Geography/GIS Coordinator, University of Northern British Columbia, Prince George, BC, Canada

Designing a New Visitor Map of Glacier Bay National Park, Alaska, Tom Patterson, Cartographer, Harpers Ferry Center, U.S. National Park Service, Harpers Ferry, WV, USA

Current Mountain Cartographic Work by the Alpine Mapping Guild, Martin Gamache, Alpine Mapping Guild & American Alpine Journal, Boston, MA, USA

Mapping the Natural Playgrounds of New Zealand: The Terralink International Recreational Map Series, Fanny Lariviere, Cartography Unit Manager, Terralink International Limited, Wellington, New Zealand

ATLASES, CARTOGRAPHY & VISUALIZATION

PANEL—The Future of Internet Mapping (ICA Commission on Maps and the Internet) — OCC, Room 2A

Moderator: Michael P. Peterson, Chair, Maps and the Internet Commission of the International Cartographic Association, Professor, University of Nebraska at Omaha, Omaha, NE, USA

Panelist, Sverre Iversen, Senior Engineer, GIS and Web Application Developer, Geological Survey of Norway, Trondheim, Norway

Panelist, Jeff McKenna, Geomatics Manager, DM Solutions Group, Ottawa, ON, Canada

Panelist, Peter L. Pulsifer, Research Associate, Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Panelist, Tim Trainor, Assistant Division Chief for Geographic Areas and Cartographic Data Products, U.S. Census Bureau, Washington, D.C., USA

GEOSPATIAL DATA

Archiving I (ACMLA) — GCC, Sussex Room

Moderator: Anna Jasiak, Research Geographer, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Archiving and Preserving Geospatial Data: Some Challenges, Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Do Data Access Portals, Repositories, and Catalogues, Preserve or Archive Geospatial and Science Data?, Tracey Lauriault, Carleton University, Ottawa, ON, Canada

Case Study in Building a Preservation Environment for a GIS, Evelyn Peters McLellan, Corporate Information Analyst, Insurance Corporation of British Columbia, Vancouver, BC, Canada

GEOSPATIAL DATA

Data Sharing Agreements — OCC, Room 1A

Moderator: Greg Bay, Manager, Data Warehousing and Distribution Systems, Ontario Ministry of Natural Resources, Peterborough, ON, Canada

Cutting Orthophotography Costs Through Partnerships, Quintin Lang, Project Leader GIS, County of Lambton, Wyoming, ON, Canada

Data Sharing on a Shoestring: Local Government Perspective, Jason Birch, Sr. Applications Analyst, City of Nanaimo, Nanaimo, BC, Canada

CivicAccess.ca: Democracy in an Information Age and the Need for Free and Open Civic Data, Gabe Sawhney, Co-Founder, Producer and Technical Director, [murmur], Toronto, ON, Canada

GIS DEVELOPMENT

Analytical Problems in GIS (CCA) — OCC, Room 3A

Moderator: Ian J. O'Connell, Senior Instructor and Co-ordinator, Geomatics Program, Department of Geography, University of Victoria, Victoria, BC, Canada

An Anti-Aliasing Algorithm for Calculating the Perimeter of Raster Polygons, Steven Prashker, Instructor, Department of Geography & Environmental Studies, Carleton University, Ottawa, ON, Canada

Mapping the Effects of the Modifiable Areal Unit Problem on Local Measures of Spatial Autocorrelation, Carson Farmer, Masters Student, Department of Geography, University of Victoria, Victoria, BC, Canada

Immigrant Settlement Services in Toronto: A Case Study on Accessibility for Seven Immigrant Groups, Alejandro Cervantes, M.Sc. Student, University of British Columbia, Vancouver, BC, Canada

INFRASTRUCTURE & INTEROPERABILITY

Northern Initiatives — OCC, Room 7A

Canada's Northern Geospatial Infrastructure, Daniel Clavet, Project Officer, Natural Resources Canada, Sherbrooke, QC, Canada

ERS Interferometric CDED Production for Northern Canada, Alexandre Beaulieu, Post-Doctoral Fellow, Natural Resources Canada, Sherbrooke, QC, Canada

Mapping Susceptibility to Landslides in a Permafrost Environment, Simon Riopel, Geomatics Specialist, Natural Resources Canada, Ottawa, ON, Canada

INTEGRATED CASE STUDY

How the City of Sarajevo Reduced the Cost of Infrastructure Locate Requests through Automation — OCC, Room 5B

Geoff Zeiss, Director of Technology, Enterprise, Autodesk, Ottawa, ON, Canada

Haris Kurtagic, General Manager, SL-King Inc., Slovenia

INTEGRATED CASE STUDY

Hurricane Katrina — OCC, Room 4B

Moderator: Matt Ball, Editor, GeoWorld *magazine, Boulder, CO, USA*

Mississippi Experience, Talbot Brooks, Director, Center for Interdisciplinary Geospatial Information Technologies, Delta State University, Cleveland, MS, USA

GIS and Remote Sensing Implementation for Emergency Response During Hurricanes Katrina and Rita, Jason Blackburn, World Health Organization Collaborating Center for Remote Sensing and GIS for Public Health, Louisiana State University, Baton Rouge, LA, USA

11:00 - 12:30

ATLASES, CARTOGRAPHY & VISUALIZATION

Mountain Cartography and DEMs II (CCA) — GCC, Annex Room

Moderator: Tom Patterson, Cartographer, Harpers Ferry Center, U.S. National Park Service, Harpers Ferry, WV, USA

A Data Model for Named Features of the Natural Landscape, Aileen R. Buckley, Cartography Research Group, ESRI, Redlands, CA, USA

Reconstructing Past Landscapes Using DEM Manipulation Techniques, Alex Tait, Chief Cartographer, International Mapping Associates, Ellicott City, MD, USA

Value Added Mapping: 3D Modeling and Photorealistic Representation of Arctic Mountain Landscapes, Zoran Reljic, Laboratory for Applied Geomatics and GIS Science (LAGGISS), Ottawa, ON, Canada

ENTERPRISE INTEGRATION

Web Mapping — OCC, Room 2A

Moderator: Patrick Moore, Director, Integral GIS, Inc., Seattle, WA, USA

Web Mapping - Past, Present and Future, Glen Newton, Group Leader (Acting), Research, National Research Council Canada, CISTI, Ottawa, ON, Canada

Land Information Ontario's Web Services: What You Can Do with Web Mapping, Greg Bay, Manager, Data Warehousing and Distribution Systems, Ontario Ministry of Natural Resources, Peterborough, ON, Canada

The Challenges in Implementing Enterprise Systems for Municipalities, Valerie Kelly, Senior Project Manager, CARIS, Fredericton, NB, Canada

GEOSPATIAL DATA

Archiving II (ACMLA) — GCC, Sussex Room

Moderator: David Brown, Library and Archives Canada/Bibliothèque et Archives Canada, Ottawa, ON, Canada

Digital Record-keeping Practices of GIS Archaeologists Worldwide, Randy Preston, Research Assistant, The University of British Columbia, Vancouver, BC, Canada

Building a Digital Photo Library System for the National Air Photo Library, Karen McEwen, Geomatics Specialist, Natural Resources Canada, Ottawa, ON, Canada

GIS DEVELOPMENT

Collaboration Tools — OCC, Room 1A

Moderator: Jason Birch, Senior Applications Analyst, City of Nanaimo, Nanaimo, BC, Canada

Internet-based Onscreen-Digitizing, Henri Audirac, President, Cartodata, Zapopan, Jalisco, Mexico

Using Collaboration Technology to Create Efficiencies and Maximize the Value of Existing Investments in Geospatial Data, Allister Lundberg, DWF Infrastructure Sr.Product Marketing Manager, Autodesk, San Francisco, CA, USA

GIS DEVELOPMENT

Incorporating Real-Time Data Feeds — OCC, Room 3A

Moderator: Michael Sawada, Associate Professor of Geomatics and Director Laboratory for Applied Geomatics and GIS Science (LAGGISS), Geography, University of Ottawa, Ottawa, ON, Canada

Near Real-Time Dissemination of Geo-Referenced Imagery by an Enterprise Server, Alison Brown, NAVSYS Corporation, Colorado Springs, CO, USA

Sensor Server: A Tool for Real-time In-situ Sensor Data, Patrick Assouad, President, ACG Space Technologies Corp., Ottawa, ON, Canada

Modernizing the Municipal Geo-Spatial Reference System in British Columbia, Brad Hlasny, Manager, Geo-Spatial Reference Section, Base Mapping & Geomatic Services, Victoria, BC, Canada

GIS & PUBLIC POLICY

Decision Support for Emergencies — OCC, Room 4B

Moderator: Ian Gillespie, Geographic Information Officer, Environment Canada, Burlington, ON, Canada

Emergency Response and Security Business Issues, Ian Becking, Manager Geomatics, Public Safety and Emergency Preparedness Canada, Ottawa, ON, Canada

Meeting Up-to-Date E911 and Disaster Management Geodata Needs, Mark Sondheim, Manager, Provincial Baseline Atlas, Integrated Land Management Bureau, Victoria, BC, Canada

Researching the Role of GIS in Emergency Management and Critical Infrastructure Protection, Brian Klinkenberg, Associate Professor, University of British Columbia, Vancouver, BC, Canada

INFRASTRUCTURE & INTEROPERABILITY

Imagery Management and Distribution — OCC, Room 7A

Moderator: Quintin Lang, Project Leader GIS, County of Lambton, Wyoming, ON, Canada

DIM as an Interoperable Web-Based Digital Image Management System, Rostam Yazdani, DIM Program Manager, Ministry of Agriculture and Lands, Victoria, BC, Canada

Creating a Seamless Nationwide Digital Orthophoto Access Service, Jose Ornelas de Anda, GIS Applications Subdirector, INEGI, Aguascalientes, Ags, Mexico

High Performance Image Serving with Open Source, Chris Hodgson, Senior Analyst, Refractions Research, Victoria, BC, Canada

INTEGRATED CASE STUDY

National Land and Water Information Service (NLWIS) — OCC, Room 5B

Moderator: Kelly Dean, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

A National Land and Water Information Service, Susan Till, Assistant Deputy Minister, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

Inside the National Land and Water Information Service, Peter Schut, Director, Geomatics, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

National Land and Water Information Service Applications, Bob Parkinson, Outreach and Detailed Business Requirements Manager, National Land and Water Information Service, Agriculture and Agri-Food Canada, Calgary, AB, Canada

13:30 - 15:00

ATLASES, CARTOGRAPHY & VISUALIZATION

PANEL—Future of Topographic Mapping in Canada (ACMLA) - GCC, Sussex Room

Moderator: David Jones, Map Librarian, University of Alberta, Edmonton, AB, Canada (ACMLA President)

NRCan Perspective, Jean Cooper, Director General, Mapping Services Branch, Natural Resources Canada, Ottawa, ON, Canada

ACMLA Perspective, Colleen Beard, Map Librarian, James A. Gibson Library, Brock University St. Catharines, ON, Canada

CCA Perspective, James Boxall, Director, GIS Centre, Dalhousie University, Halifax, NS, Canada

Commercial Distributor Perspective, Juliet Atha, Federal Maps, Inc., Toronto, ON, Canada

ATLASES, CARTOGRAPHY & VISUALIZATION

Map Design I (CCA) — GCC, Annex Room

Moderator: Sally Hermansen, Senior Instructor, Department of Geography, University of British Columbia, Vancouver, BC, Canada

Eye Movements in Map Comparison - Preliminary Results and Lessons Learned, Claus Rinner, Department of Geography, University of Toronto, Toronto, ON, Canada

Smarter Symbols: Smarter Maps, Edith M. Punt, ESRI, Redlands, CA, USA

Perception of Symbol Size on Online Maps as a Function of Zoom Factor and Map Density, Avi Parush, Associate Professor, Human Oriented Technology Laboratory, Department of Psychology, Carleton University, Ottawa, ON, Canada

ENTERPRISE INTEGRATION

Decision Support Systems — OCC, Room 4B

Moderator: Kelly Dean, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

Managing the Bulk Transmission Grid with GIS, Patrick Moore, Director, Integral GIS, Inc., Seattle, WA, USA

The National Geospatial-Intelligence Agency's Palanterra - A secure, Web-enabled Common Operational Picture, Mark Riccio, National Geospatial-Intelligence Agency (NGA), Bethesda, MD, USA

Deployment of Service Oriented Architecture for Dynamic Multi-Scale Multi-Temporal Intelligence Analysis, Henry Kucera, Senior Principal, Swiftsure Spatial Systems Inc, Victoria, BC, Canada

INFRASTRUCTURE & INTEROPERABILITY

System Interoperability — OCC, Room 7A

Moderator: Christopher Wooding, Spatial Vision Group Inc., Gananoque, ON, Canada

Maintenance of Enterprise Geospatial Data with Open Standards Based Solutions, Yao Cui, Sr. Geospatial Data Specialist, Integrated Land Management Bureau, Victoria, BC, Canada

Spatial ETL: Bringing the Power of Location to Applications, Don Murray, President, Safe Software Inc., Surrey, BC, Canada

GPS, Geography Markup Language, OpenGeospatial Web Services and Google Earth, David Burggraf, Director of Research and Development, Galdos Systems Inc., Vancouver, BC, Canada

GEOSPATIAL DATA

Road Network — OCC, Room 1A

Moderator: Mark Sondheim, Manager, Provincial Baseline Atlas, Integrated Land Management Bureau, Victoria, BC, Canada

Updating Statistics Canada's Geographic Framework with Collaborative Road Network Data, Glen Hohlmann, Geographic Analyst, Statistics Canada, Ottawa, ON, Canada

The Ontario Road Network, Tom Malone, Manager, Geographic Information Ontario, Ministry of Natural Resources, Peterborough, ON, Canada

Multi-Phase Conflation and Maintenance of a Provincial Road/Boundary Network, Samuel Smith, Senior Analyst, Refractions Research, Victoria, BC, Canada

GIS DEVELOPMENT

Open Source Overview — OCC, Room 3A

Moderator: Peter Pulsifer, Carleton University, Ottawa, ON, Canada

Delivery of Geospatial Content through Open Source Web Mapping Technology, Dave McIlhagga, President, DM Solutions Group, Ottawa, ON, Canada

A Brief Survey of Open Source GIS, Paul Ramsey, President, Refractions Research,Victoria, BC, Canada

Infrastructure Management using Open Source for the Utility, Telecom, and Government Sectors, Geoff Zeiss, Director of Technology, Autodesk Canada, Ottawa, ON, Canada

Exploring the Boundaries of Open Source Geospatial: Integration for Communicating and Exploring Environmental Change, Peter Pulsifer, Carleton University, Ottawa, ON, Canada

GIS DEVELOPMENT

Visualization — OCC, Room 2A

Moderator: Jo Treadwell, Publisher, GeoTec Media, San Francisco, CA, USA

Computer Simulation and Visualization of Diesel Plume Using MVS Software, Hélène Richer, Eng. Associate, Golder Associates Ltd., Montréal, QC, Canada

Geology Integrated with GIS: Strategies for Development, Débora Rios, Federal University of Bahia (Brazil), Salvador, BA, Brazil

First Airborne IFSAR Mapping in Alberta: The Old Man River Project, Hugh MacKay, Business Development Manager, Intermap Technologies, Ottawa, ON, Canada

15:30 - 17:00

ATLASES, CARTOGRAPHY & VISUALIZATION

PANEL—Cybercartography: Maps and Mapping in the Information Era — GCC, Sussex Room

Moderator: Fraser Taylor, Distinguished Research Professor in International affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Panelist, Glenn Brauen, PhD Student & Lead Sound Cluster, Geomatics and Cartographic Research Centre, Ottawa, ON, Canada

Panelist, Elvia Martinez Viveros, Centro de Investigación en Geografia y Geomática (CentroGEO), Mexico City, Mexico

Panelist, Brian Eddy, PhD Student & Lead Trade Atlas, Geomatics and Cartographic Research Centre, Ottawa, ON, Canada

Panelist, Tracey Lauriault, PhD Student - Lead Collaboration and Transdisciplinarity, Carleton University, Ottawa, ON, Canada

Panelist, Peter Pulsifer, PhD Student & Lead Antarctica Atlas, Geomatics and Cartographic Research Centre, Ottawa, ON, Canada

Panelist, Carmen Reyes, Director, Centro de Investigación en Geografia y Geomática (CentroGEO), Mexico City, Mexico

Panelist, Amos Hayes, Technical Manager, Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

ATLASES, CARTOGRAPHY & VISUALIZATION

Map Design II (CCA) — GCC, Annex Room

Moderator: Lori King, Geomatics Analytical Technician/ Cartographer, Ontario Ministry of Natural Resources, Timmins, ON, Canada

How Not to Lie with Maps: Some Old Rules for the New GIS Cartographers, Sally Hermansen, Senior Instructor, University of British Columbia, Vancouver, BC, Canada

A Framework for Quality Assessment of Web Mapping, Mike Ballard, Professor, Geographic Information Systems Technologist Program, Algonquin College, Ottawa, ON, Canada

Interactive 3D Geographic Animation Using Macromedia Flash, Kris Moulton, Cartography Student, Centre of Geographic Sciences (COGS), Lawrencetown, NS, Canada

ENTERPRISE INTEGRATION

Public Safety — OCC, Room 2A

Moderator: Louise Boily, Chief, Geo-Spatial Information System, Public Health Agency of Canada, Ottawa, ON, Canada

Supporting Municipalities Using a Spatial-Temporal GIS for Earthquake Recovery, Hiroyuk Yamada, Researcher, National Research Institute for Earth Science and Disaster Prevention, Kawasaki-shi, Kanagawa, Japan

Geovisualization of Opportunity — At and Between Ports-of-Entry, Fraser Moffatt, Manager - Research and Corporate Statistics, Canada Border Services Agency, Ottawa, ON, Canada

Development of Spatial Temporal GIS for Disaster Information Management, Shigeru Kakumoto, Vice Director, National Institute of Earth Science and Disaster Prevention, Kawasaki, Kana, Japan

GEOSPATIAL DATA

Elevation Data — OCC, Room 1A

Moderator: Jeff Clark, Spatial Vision Group, North Vancouver, BC, Canada

Digital Elevation Models for the World, Hugh MacKay, Business Development Manager, Intermap Technologies, Ottawa, ON, Canada

Validation of CDED Data with ICESat LIDAR, Alexandre Beaulieu, Post-Doctoral Fellow, Natural Resources Canada, Sherbrooke, QC, Canada

Cartographic Visualization of Topographic Maps in the Atlas of Canada, Peter Bruton, Project Officer, Natural Resources Canada, Ottawa, ON, Canada

GIS DEVELOPMENT

Geographic Exploration Systems — OCC, Room 5B

Moderator: Matt Ball, Editor, GeoWorld Magazine, Boulder, CO, USA

Panelist, Bernard Szukalski, Senior Product Manager, ESRI, Redlands, CA, USA

Panelist, Michael Jones, CTO, Google Earth, Mountain View, CA, USA

Panelist, Vincent Tao, Director, MSN Virtual Earth, Redmond, WA, USA

Panelist, Ronnie Yaron, President, Skyline Software Systems, Inc., Chantilly, VA, USA

GIS DEVELOPMENT

Open Source Applications — OCC, Room 3A

Moderator: Dave McIlhagga, President, DM Solutions Group, Ottawa, ON, Canada

Developing a Water Monitoring OGC Portal Using Open Source Tools, Tom Kralidis, Senior Systems Scientist, Environment Canada, Burlington, ON, Canada

The uDig Open Source Desktop, Paul Ramsey, President, Refractions Research, Victoria, BC, Canada

The Atlas of Canada Using Open Source, Jean-Francois Doyon, Internet Service Development and Systems Support, Natural Resources Canada, Ottawa, ON, Canada

Enhancing the Delivery of Health Care through Web-based Mapping, William Bronsema, Sr Applications Specialist, DM Solutions Group, Ottawa, ON, Canada

INFRASTRUCTURE & INTEROPERABILITY

International Standards — OCC, Room 7A

Worldwide Standards Overview, Sam Bacharach, Executive Director, Outreach and Adoption Program, The Open Geospatial Consortium, Fairfax, VA, USA

ISO19100 Suite of Standards: A Canadian Implementation Perspective, Jean Brodeur, Senior Project Officer, Natural Resources Canada, Sherbrooke, QC, Canada

Standards Implementation Showcase

INTEGRATED CASE STUDY

Defence Geomatics — OCC, Room 4B

Moderator: Pierre Bilodeau, Commanding Officer, Mapping and Charting Establishment, Ottawa, ON, Canada

Mapping and Charting Establishment's Support to Canadian Forces Operation ARCHER in Kandahar, Afghanistan, Y. Michaud, Officer Commanding (OC), Geomatic Support Squadron (GEO SP), Mapping and Charting Establishment, National Defence HQ, Ottawa, ON, Canada

3-Dimensional Terrain Database (3DTDB) Section, Glen Cornect, Officer Commanding Digital Production Squadron, Mapping and Charting Establishment, National Defence HQ, Ottawa, ON, Canada

Collection of High-resolution Digital Stereo Imagery for Rapid Mapping Applications, Matieu Primeau, Captain, Operations Officer, Geomatics Support Squadron, Mapping and Charting Establishment, National Defence HQ, Ottawa, ON, Canada

WEDNESDAY, JUNE 21 / MERCREDI 21 JUIN

08:00 - 09:00

Keynote Breakfast

The Meaning in the Map: Examples from Medical Cartography, Tom Koch, Adjunct Professor of Geography (medical), University of British Columbia and Adjunct Professor of Gerontology, Simon Fraser University, Vancouver, BC, Canada

09:00 - 10:30

ATLASES, CARTOGRAPHY & VISUALIZATION

Planning for the Future (ACMLA) — GCC, Annex Room

Moderator: Colleen Beard, Map Librarian, James A. Gibson Library, Brock University St. Catharines, ON, Canada

When a Library Morphs into a Centre: Geographic Information Management Issues, James Boxall, Director, GIS Centre, Dalhousie University, Halifax, NS, Canada

GéoIndex: un nouvel accès aux données géospatiales du Centre d'information géographique et statistique de la Bibliothèque de l'Université Laval, Stéfano Biondo, Centre Géo/Stat, et Pierre Racine, Étudiant à la maîtrise en géographie, Université Laval, Laval QC, Canada

Toward a Canadian Digital Information Strategy, Susan Haigh, Senior Advisor, Transformation, Library and Archives Canada/ Bibliothèque et Archives Canada, Gatineau, QC, Canada

ENTERPRISE INTEGRATION

Database Development — OCC, Room 2A

Moderator: Bob Johnson, Coordinator, GeoBase Secretariat, GeoBase Steering Committee, Ottawa, ON, Canada

Database Management Systems: A Platform for Geospatial Applications, Jean Ihm, Principal Product Manager, Oracle, Nashua, NH, USA

Optimizing Traditional Vector Mapping Data for Use in a Municipal GIS, Stephen Perkins, City of Ottawa, Ottawa, ON, Canada

Technical Architecture for a Municipal Enterprise GIS, Dave Tracy, Technical Coordinator, City of Ottawa, Ottawa, ON, Canada

GEOSPATIAL RESEARCH & EDUCATION

PANEL—Map Production and Education: What We Do and What We Teach (CCA) — OCC, Room 3A

Moderator: Lori King, Geomatics Analytical Technician/ Cartographer, Ontario Ministry of Natural Resources, Timmins, ON, Canada

Panelist, Aileen R. Buckley, Cartography Research Group, ESRI, Redlands, CA, USA

Panelist, Paul Heersink, Cartographer, Ontario Ministry of Natural Resources, Peterborough, ON, Canada

Panelist, Anna Jasiak, Research Geographer, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Panelist, Ian J. O'Connell, Senior Instructor Geomatics, University of Victoria, Victoria, BC, Canada

Panelist, Clifford H. Wood, Professor (Retired), Memorial University, Ilderton, ON, Canada

Panelist, Patricia Connor, Director, Cartographic Services, The University of Western Ontario, London, ON, Canada

GIS DEVELOPMENT

Location-Based Services — OCC, Room 7A

Moderator: Bob Parkinson, Outreach and Detailed Business Requirements Manager for the National Land and Water Information Service, Agriculture and Agri-Food Canada, Calgary, AB, Canada

Uniting Web Services, Open Source Systems and OGC's OpenLS Standards to Deploy Location-Based Services, Geovane Magalhaes, Technology Innovation Manager, CPqD - Telecom & IT Solutions, Campinas, SP, Brazil

Implementing An Enterprise-Wide AVL Application, Brent Gannon, Manager Operations, TELUS Geomatics, Edmonton, AB, Canada

Implementing a Cultural Assets Guide, Sangho Yeon, Professor, P.Eng, Semyung University, Jecheon-SiChungbuk, South Korea

GIS DEVELOPMENT

Web 2.0 a Platform for Geomatics and The Atlas of Canada — OCC, Room 1A

Moderator: Cameron Wilson, Project Manager, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Web 2.0 Business Models — Opportunities and Challenges, Max Bottoni, Principal, Sierra Systems, Ottawa, ON, Canada

GlobeXplorer Web 2.0 Industry Solutions and Case Studies, Paul Smith, COO, GlobeXplorer, Walnut Creek, CA, USA

Geomatics and Web 2.0, Mike Adair, Geospatial Infrastructure Architect, Natural Resources Canada, Ottawa, ON, Canada

Atlas of Canada Prototype Based on Web 2.0 Technologies and Business Models, Dave McIlhagga, President, DM Solutions Group, Cameron Wilson, Peter Morton, Natural Resources Canada, Ottawa, ON, Canada

GIS & PUBLIC POLICY

Mapping Issues in the Geography of Health (CCA) — OCC, Room 4B

Moderator: Scott Mitchell, Assistant Professor, Department of Geography & Environmental Studies, Carleton University, Ottawa, ON, Canada

Open Source Online Mapping as an Innovative Cost-Effective Approach for Health Services Planning and Delivery, Malcolm Anderson, PhD candidate, Department of Physical Medicine and Rehabilitation, Queen's University, Kingston, ON, Canada

CONTINUED ON PAGE 19

SATURDAY / SAMEDI

10:00 - 15:00

Steam Train To Wakefield/ Train à vapeur vers Wakefield

All aboard for a scenic expedition of a lifetime! In just five hours, take in the beauty of the Gatineau countryside on a journey on the award-winning Hull-Chelsea-Wakefield Steam Train. Go back to a time when the train was one of the only ways to travel.
En voiture pour une excursion inoubliable! En cinq heures seulement, admirez la beauté de la nature en parcourant les collines de la Gatineau à bord du train à vapeur Hull-Chelsea-Wakefield; attrait touristique qui a reçu les plus hauts honneurs de son industrie. Remontez au temps où le train constituait l'un des seuls moyens de voyager.

SUNDAY / DIMANCHE

16:30 - 18:30

CCA Orienteering Event/ Course d'orientation de l'ACC

Take to the field to practice your map-reading skills. Orienteers will be given a map and set free on the University of Ottawa campus. Pit your skills against others in a friendly competition.
Rendez-vous sur le terrain pour pratiquer vos habiletés à lire une carte. Les coureurs d'orientation recevront une carte et seront relâchés sur le campus de l'Université d'Ottawa. Testez vos capacités contre les autres lors d'une compétition amicale.

18:30 - 21:00

CCA/ACMLA Icebreaker Reception/ Réception de brise-glace

University of Ottawa / Université d'Ottawa
509 Arts Hall, 70 Laurier Avenue East

MONDAY / LUNDI

18:00 - 00:30

The Atlas of Canada Gala Dinner and Dance/Dîner de gala et soirée dansante de l'Atlas du Canada

Canadian Museum of Civilization / Musée canadien des civilisations

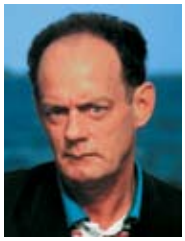
The Atlas of Canada Turns 100!/ L'Atlas du Canada a 100 ans!

The Atlas of Canada / L'Atlas du Canada
atlas.gc.ca
100 years 1906 – 2006 100 ans
Natural Resources Canada / Ressources naturelles Canada
Canada

A special evening is planned to celebrate the 100th Anniversary of The Atlas of Canada. The event will take place in the magnificent Grand Hall. The Gala will include dinner, distinguished keynote speakers, and an evening of dancing overlooking the Ottawa River and Parliament Hill.

Une soirée exclusive est prévue afin de célébrer le 100e anniversaire de l'Atlas du Canada. L'événement se tiendra dans la Grande Galerie. Le gala comprendra le dîner, la présence de conférenciers d'honneur ainsi qu'une soirée au cours de laquelle vous pourrez danser tout en admirant la merveilleuse vue qu'offrent la rivière des Outaouais et la Colline du Parlement.

Gala Dinner Keynote/ Conférencier-invité au dîner de gala



Rex Murphy is a social commentator and editorial journalist with weekly television commentary on *The National Magazine*. Described as *The National's* "star opinion jockey," Rex Murphy presents informed, entertaining and fiercely witty commentary on current events and noteworthy subjects.
Rex Murphy, commentateur social et journaliste éditorial; à chaque semaine, il participe à l'émission télévisée de la SRC, *The National*. Décrit comme étant la « star de l'opiniâtreté » du *The National*, Rex Murphy est connu pour ses commentaires fondés, divertissants et pleins d'esprit sur l'actualité et sur d'autres sujets intéressants.

TUESDAY / MARDI

12:00 - 13:30

ACMLA Annual General Meeting— GCC, Sussex Room

16:00 - 18:00

Exhibit Reception and Wine Tasting/ Réception et dégustation donnée lors de l'exposition

SPONSORED BY: BAE SYSTEMS

Join the exhibitors for an evening reception with light hors d'oeuvres and an Ontario wine tasting.
Joignez-vous aux exposants lors d'une soirée où l'on vous proposera de petits hors-d'œuvre accompagnés d'une dégustation de vins de l'Ontario.

18:00 - 20:00

ACMLA/CCA Reception, Library and Archives Canada Book Launch Reception
ACACC/ACC, Lancement de livre de Bibliothèque et Archives Canada
Congress Centre Terrace/Terrasse du Centre des congrès

Members of ACMLA and CCA are invited to the launch of the new publication *Terra Nostra: The Stories Behind Canada's Maps, 1550-1950*, written by senior archivist Jeffrey S. Murray of Library and Archives Canada.
Les membres de l'ACACC et de l'ACC sont invités au lancement de *Terra Nostra. Les cartes du Canada et leurs secrets, 1550-1950*, rédigé par Jeffrey S. Murray, archiviste principal à Bibliothèque et Archives Canada.

WEDNESDAY / MERCREDI

11:00 - 13:30

CCA Annual General Meeting and Awards Luncheon — GCC, Centennial Room (Fifth Floor)

THURSDAY / JEUDI

09:00 - 12:00

Gatineau Preservation Centre/ Centre de préservation de Gatineau

This centre houses all of the National Archives of Canada's preservation laboratories. Storage vaults accommodate a significant portion of Canada's archival heritage.
Tous les laboratoires de préservation de Bibliothèque et Archives Canada se trouvent dans ce centre. Les chambres d'entreposage contiennent une part importante du patrimoine documentaire canadien.

12:30 - 16:30

Gatineau Satellite Receiving Station/ Station de réception de Gatineau

The Gatineau Satellite Station receives data from the following Earth observation satellites: ERS, ENVISAT, Landsat, RADARSAT-1.
La station de réception de Gatineau reçoit des données des satellites d'observation de la Terre suivants : ERS, ENVISAT, Landsat, RADARSAT-1.

17:30 - 21:00

Horseback Riding in the Gatineau Hills/Équitation à travers les collines de la Gatineau

Captiva Farms offers acres of trails through panoramic mountains and hillsides of the Gatineau.
Captiva Farms offre des acres de sentiers à travers les montagnes panoramiques et les collines de la Gatineau.

CONFERENCE AT A GLANCE

GeoTEC event2006

WORKSHOPS / ATELIERS

Saturday, June 17, 2006 / Samedi 17 juin

Registration (17:00 - 19:00)

Full Day / Jounée Complète (09:00 - 17:00)

ACMLA – Geospatial Map Cataloguing - University of Ottawa, Morisett Library, Room 211

Sunday, June 18, 2006 / Dimanche 18 juin

Registration (07:30 - 17:00)

Full Day / Jounée Complète (09:00 - 17:00)

ACMLA – GIS Reference Services - Carleton University, MacOdrum Library, Room 102

Best Practices for Developing Geospatial Information Models - **OCC, Room 1A**

eGovernment - Planning, Policy and the Portal - **OCC, Room 5A**

GIS Modeling - **OCC, Room 4A**

Integrating Geomatics and Photorealistic Geovisualization - **University of Ottawa, LAGGIS, 60 University St.**

Intro. to Open Source GIS - **OCC, Room 2A**

Metadata Implementation Strategies - **OCC, Room 6A**

OGC Web Services - **OCC, Room 3A**

CCA Half-Day Workshops

Morning / Avant-midi (09:00 - 12:30)

Managing Geographic Names in a GIS - **Carleton University, Loeb A237**

Afternoon / Après-midi (13:30 - 17:00)

Planning for and Implementing Cartographic Representations in ArcGIS 9.2 - **Carleton University, Loeb A220**

Vendor Seminars / Conférences de Fournisseur

	Monday, June 19 / Lundi 19 juin	Tuesday, June 20 / Mardi 20 juin	Wednesday, June 21 / Mercredi 21 juin
09:00 – 09:30		NRCan - CSRS	ESRI Canada
09:30 – 10:00		BAE Systems	MapInfo
10:00 – 10:30		ESRI Canada	Cansel Survey Equip
10:30 – 11:00		Cansel Survey Equip	Spatial Geo Link
11:00 – 11:30		Spatial Geo Link	Intergraph
11:30 – 12:00		Kheops Technologies	PCI Geomatics
12:00 – 13:00			
13:00 - 13:30		MDA Geospatial	NRCan - CSRS
13:30 – 14:00	MapInfo	MapText, Inc.	GeoConnections
14:00 – 14:30	Linnet Systems	MapInfo	
14:30 – 15:00	ESRI Canada	ER Mapper	
15:00 - 15:30	Cansel Survey Equip.	Optech	
15:30 – 16:00	MDA Geospatial	CARIS	
16:00 – 16:30	Spatial Geo Link	PCI Geomatics	
16:30 – 17:00	PCI Geomatics	Intermap	

SESSIONS / SÉANCES

Monday, June 19, 2006 / Lundi 19 juin

Registration 08:00 - 17:00

Exhibits 14:00 - 18:00

		GCC, Sussex Room	GCC, Annex Room	OCC, Room 1A	OCC, Room 2A	OCC, Room 3A	OCC, Room 4B	OCC, Room 5B	OCC, Room 7A
08:30 - 09:00		OCC, Hall E							
09:00 - 10:00		Welcome and Introduction / Mot de bienvenue et introduction OPENING KEYNOTE–Ambient Findability: Mapping the Future Present, Peter Morville, President, Semantic Studios, Ann Arbor, MI, USA							
10:00 - 10:30		Break							
10:30 - 12:00		OCC, Hall E PANEL/Réunion d'experts–Geospatial Technology Outlook				OCC, Room 4B/5B PANEL/Réunion d'experts–National Atlases: Now and in the Future			
12:00 - 13:00		Lunch Break							
13:00 - 14:30			GIS DEVELOPMENT Business Geographics	GEOSPATIAL DATA Parcel Mapping	ENTERPRISE INTEGRATION Transforming to IT Infrastructure	ATLASES, CARTOGRAPHY & VISUALIZATION Regional Atlases (CCA)	ATLASES, CARTOGRAPHY & VISUALIZATION Reporting Framework	ATLASES, CARTOGRAPHY & VISUALIZATION Past and Present Atlas	
14:30 - 15:30		Break in the Exhibit Hall							
15:30 - 17:00		INFRASTRUCTURE & INTEROPERABILITY Data Access	INTEGRATED CASE STUDY CLAIMaps and Geology Ontario	GEOSPATIAL DATA Cross-Border Census Collaboration	ENTERPRISE INTEGRATION System Integration Examples	ATLASES, CARTOGRAPHY & VISUALIZATION History of Cartography (CCA/ACMLA)	GIS DEVELOPMENT Immersive Environments	ATLASES, CARTOGRAPHY & VISUALIZATION Atlas Futures	
18:00 - 24:30		The Atlas of Canada Gala Dinner and Dancing - Museum of Civilization							

GCC = Government Conference Centre/Centre de conférences du gouvernement

Tuesday, June 20, 2006 / Mardi 20 juin

Registration 08:00 - 17:00

Exhibits 10:00 - 18:00

	GCC, Sussex Room	GCC, Annex Room	OCC, Room 1A	OCC, Room 2A	OCC, Room 3A	OCC, Room 4B	OCC, Room 5B	OCC, Room 7A
09:00 - 10:30	GEOSPATIAL DATA Archiving I (ACMLA)	ATLASES, CARTOGRAPHY & VISUALIZATION Mountain Cartography and DEMs I (CCA)	GEOSPATIAL DATA Data Sharing Agreements	ATLASES, CARTOGRAPHY & VISUALIZATION The Future of Internet Mapping (ICA Commission on Maps and the Internet)	GIS DEVELOPMENT Analytical Problems in GIS (CCA)	INTEGRATED CASE STUDY Hurricane Katrina	INTEGRATED CASE STUDY How the City of Sarajevo Reduced the Cost of Infrastructure Locate Requests through Automation	INFRASTRUCTURE & INTEROPERABILITY Northern Initiatives
10:30 - 11:00	Break in the Exhibit Hall							
11:00 - 12:30	GEOSPATIAL DATA Archiving II (ACMLA)	ATLASES, CARTOGRAPHY & VISUALIZATION Mountain Cartography and DEMs II (CCA)	GIS DEVELOPMENT Collaboration Tools	ENTERPRISE INTEGRATION Web Mapping	GIS DEVELOPMENT Incorporating Real-Time Data Feeds	GIS & PUBLIC POLICY Decision Support for Emergencies	INTEGRATED CASE STUDY NLWIS	INFRASTRUCTURE & INTEROPERABILITY Imagery Management and Distribution
12:30 - 13:30	Lunch Break							
13:30 - 15:00	ATLASES, CARTOGRAPHY & VISUALIZATION PANEL—Future of Topographic Mapping in Canada (ACMLA)	ATLASES, CARTOGRAPHY & VISUALIZATION Map Design I (CCA)	GEOSPATIAL DATA Road Network	GIS DEVELOPMENT Visualization	GIS DEVELOPMENT Open Source Overview	ENTERPRISE INTEGRATION Decision Support Systems		INFRASTRUCTURE & INTEROPERABILITY System Interoperability
15:00 - 15:30	Break in the Exhibit Hall							
15:30 - 17:00	ATLASES, CARTOGRAPHY & VISUALIZATION PANEL—Cybercartography: Maps and Mapping in the Information Era	ATLASES, CARTOGRAPHY & VISUALIZATION Map Design II (CCA)	GEOSPATIAL DATA Elevation Data	ENTERPRISE INTEGRATION Public Safety	GIS DEVELOPMENT Open Source Applications	INTEGRATED CASE STUDY Defence Geomatics	GIS DEVELOPMENT Geographic Exploration Systems	INFRASTRUCTURE & INTEROPERABILITY International Standards
16:00 - 18:00	Exhibit Hall Reception & Wine Tasting (Sponsored by BAE Systems)							
18:00 - 20:00	Terra Nostra Book Launch for ACMLA/CCA Members							

Wednesday, June 21, 2006 / Mercredi 21 juin

Registration 08:00 - 13:30

Exhibits 10:00 - 14:00

OCC, Hall E

08:00 - 09:00 **Keynote Breakfast: The Meaning in the Map: Examples from Medical Cartography**, Tom Koch, Adjunct Professor of Geography (medical), University of British Columbia and Adjunct Professor of Gerontology, Simon Fraser University, Vancouver, BC, Canada

	GCC, Sussex Room	GCC, Annex Room	OCC, Room 1A	OCC, Room 2A	OCC, Room 3A	OCC, Room 4B	OCC, Room 5B	OCC, Room 7A
09:00 - 10:30	GIAC LEADERS FORUM	ATLASES, CARTOGRAPHY & VISUALIZATION Planning for the Future (ACMLA)	GIS DEVELOPMENT Web 2.0 a Platform for Geomatics and the Atlas of Canada	ENTERPRISE INTEGRATION Database Development	GEOSPATIAL RESEARCH & EDUCATION PANEL Map Production and Education: What We Do and What We Teach (CCA)	GIS & PUBLIC POLICY Mapping Issues in the Geography of Health (CCA)	INTEGRATED CASE STUDY On-Demand Mapping at the Innovation Acceleration Centre (IAC) within Natural Resources Canada (NRCAN), International Division	GIS DEVELOPMENT Location-Based Services
10:30 -11:00	Break in the Exhibit Hall							
11:00 - 12:30		INTEGRATED CASE STUDY Hands-On: Build an Interactive Online Atlas with the Cybercartographic Atlas Framework	GIS & PUBLIC POLICY Climate Change	ENTERPRISE INTEGRATION Collaborative Resource Management	GIS & PUBLIC POLICY Public Health	GIS & PUBLIC POLICY Contemporary and Historical Geographies of the Canadian Métis	INFRASTRUCTURE & INTEROPERABILITY Data Distribution Issues	GIS DEVELOPMENT Imagery Analysis
12:30 - 13:30	Lunch Break							
13:30 - 15:00		ATLASES, CARTOGRAPHY & VISUALIZATION PANEL—Atlas of Canada: Future Opportunities	ATLASES, CARTOGRAPHY & VISUALIZATION User-Centered Design and Development (CCA)	GIS & PUBLIC POLICY PANEL—PC-IDEA	GEOSPATIAL RESEARCH & EDUCATION Cartography and GIS: Human Dimensions (CCA)	GEOSPATIAL DATA Geographic Names	INFRASTRUCTURE & INTEROPERABILITY Canadian and U.S. Partnerships	GIS DEVELOPMENT Analytical Approaches
15:30 - 17:00						GEOSPATIAL RESEARCH & EDUCATION Geospatial Career Opportunity Panel		

Thursday, June 22, 2006 / Jeudi 22 juin

GIAC Geomatics Leaders Forum (see pg. 18 for schedule)

Post-Conference Tours / Visites organisées après la conférence

Gatineau Preservation Centre – 09:00 – 12:00

Gatineau Satellite Receiving Station – 12:30 – 16:30

Horseback Riding – 17:30 – 21:00

2006 GEOMATICS LEADERS FORUM / FORUM DES LEADERS EN GÉOMATIQUE 2006

Geomatics Industry Association of Canada | L'Association Canadienne des Entreprises de Géomatique

The annual GIAC GEOMATICS LEADERS FORUM provides a unique opportunity for industry and government representatives to exchange views and develop closer working relationships. This year's Forum will feature presentations by trendsetters in the spatial information business, several international speakers, as well as updates on Canadian federal programs of interest to the geomatics community. The forum will be held at the Government Conference Centre.

Le Forum annuel des leaders en géomatique offrira une occasion unique aux représentants de l'industrie et du gouvernement d'échanger leurs visions et de créer des relations de travail plus étroites. Cette année, le forum mettra en vedette des exposés de la part de faiseurs de tendances et de plusieurs conférenciers de renommée internationale ainsi que les mises à jour des programmes fédéraux qui pourraient intéresser les gens provenant du milieu de la géomatique. Le forum se tiendra au Centre de conférences du gouvernement.

WEDNESDAY, JUNE 21/ MERCREDI 21 JUIN

9:30 - 9:50
Refreshment Break / Pause santé

SPONSORED BY: ESRI Canada

9:50 - 12:00
Serving a Rapidly Changing Spatial Information Market / Servir un marché de l'information spatiale en évolution rapide

The Changing Role of GIAC, Alex Miller, GIAC Chairman

Building the Canadian Geospatial Data Infrastructure, Irwin Itzkovitch, Assistant Deputy Minister, Earth Sciences Sector, Natural Resources Canada, Ottawa, ON, Canada

The U.S. Experience—Building the Geospatial One-Stop, Hank Garie, Executive Director, Geospatial One-Stop, U.S. Department of the Interior, Reston, VA, USA

Microsoft Virtual Earth: New Horizons in the Spatial Information Business, Vincent Tao, Director, MSN Virtual Earth, Microsoft, Redmond, WA, USA

India's National Spatial Data Infrastructure Plans and Progress, Maj. Gen. M. Gopal Rao, Surveyor General of India, Department of Science and Technology, Government of India, New Delhi, India

12:00 - 13:25
Luncheon Speaker, Michael Jones, Chief Technology Officer, Google Earth, Mountain View, CA, USA

SPONSORED BY: TELUS the future is friendly | Terrapoint

13:25 - 15:30
National Geomatics Initiatives / Initiatives Nationales en Géomatique

Moderator, Alex Miller, GIAC Chairman

The National Land and Water Information Service — Current Status and Future Plans, Susan Till, Assistant Deputy Minister, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

Geomatics Programs and Activities at the National Level in Canada, Jeff Labonte, Director General, Information Management and Dissemination Branch, Natural Resources Canada, Ottawa, ON, Canada

Cooperation in the Development and Maintenance of the National Road Network Data Set, Gordon Deecker, Director, Geography Division, Statistics Canada, Ottawa, ON, Canada

Defence Production of Digital Geospatial Information for Military Applications Worldwide, LCol. Pierre Bilodeau, Commanding Officer, National Defence Mapping and Charting Establishment, Department of National Defence, Ottawa, ON, Canada

15:30 - 16:00
Refreshment Break / Pause santé

SPONSORED BY: NAVTEQ | PCI Geomatics

16:00 - 17:30
New Market Directions / Évolution du Marché

Where the Worldwide Remote Sensing Market is Heading, Shawana Johnson, President, Global Marketing Insights, Inc., Cleveland, OH, USA

The Impact of Open Geospatial Consortium (OGC) Standards on Spatial Data Infrastructure (SDI) Development Worldwide, Robert Moses, Director, Open Geospatial Consortium and President, PCI Geomatics, Richmond Hill, ON, Canada

Location-Based Services — Poised for Tremendous Growth, David Williams, CEO, E911-LBS Consulting, Wilton, CT, USA

17:30 - 20:30
Networking Reception and Dinner

Provinces Ballroom, The Westin Ottawa

Guest Speaker: The Honourable Gary Lunn, Minister of Natural Resources, Ottawa, ON, Canada

SPONSORED BY: INTERGRAPH

THURSDAY, JUNE 22/ JEUDI 22 JUIN

8:25 - 10:30
National Geomatics Policy Workshop / Atelier sur les politiques nationals relatives à la géomatique

Moderator, Jim Huff, GIAC Vice-Chairman

GeoConnections: What We've Heard, How We've Responded and Where We're Going, Jeff Labonte, Director General, Information Management and Dissemination Branch, Natural Resources Canada, Ottawa, ON, Canada

Geomatics in Infrastructure Applications, Tony Varriano, Director General, Issues Management, Program Operations Branch, Infrastructure Canada, Ottawa, ON, Canada

SDI and Critical Infrastructure Databases, Jean Cooper, Director General, Mapping Services Branch, Natural Resources Canada, Ottawa, ON, Canada

10:00 - 10:30
Refreshment Break / Pause santé

SPONSORED BY: nscc | dmti Spatial

10:30 - 12:00
Round Table Discussion — Implementing the CGDI

12:00 - 13:30
Luncheon Speaker, Thongchai Charuppat, Director, Geo-Informatics and Space Technology Development Agency, Royal Thai Government, Bangkok, Thailand

SPONSORED BY: KIM Geomatics Corporation

13:30 - 14:00
The Environmental Emergency Management System, Mary-Ann Spicer, Manager, Response, Environmental Emergencies Program, Environment Canada, Ottawa, ON, Canada

14:00 - 14:30
Enhancing and Supporting Public Health and Emergency Management in Canada Using GIS, Louise Boily, Manager, Geo-Spatial Information System and CBRN Scientific Information, Public Health Security Centre for Emergency Preparedness and Response, Public Health Agency of Canada, Ottawa, ON, Canada

14:30 - 15:00
Refreshment Break / Pause santé

SPONSORED BY: ESRI Canada

15:00 - 16:30
Round Table Discussion — Engaging the Key Stakeholder Communities / Table ronde : Encourager la participation des principaux groupes d'intervenants

16:30 - 17:00
Wrap-up / Synthèse

Registration for the GIAC Geomatics Leaders Forum is separate from the GeoTec Event registration fee. You will need to register for both if you would like to attend both.

L'enregistrement pour le forum des Chefs de GIAC Geomatics est séparé des honoraires d'enregistrement d'événement de GeoTec. Vous devrez vous inscrire à tous les deux si vous voudriez vous occuper de tous les deux.

CONTINUED FROM PAGE 14

British Columbia Atlas of Mortality 1989-2002, John J. Fowler, Senior Lab Instructor, Department of Geography, University of Victoria, Victoria, BC, Canada

Predicting Outbreaks: A Spatial Risk Assessment of West Nile Virus in British Columbia, Brian Klinkenberg, Associate Professor, University of British Columbia, Victoria, BC, Canada

INTEGRATED CASE STUDY

On-Demand Mapping at the Innovation Acceleration Centre (IAC) within Natural Resources Canada (NRCan), International Division — OCC, Room 7A

Sylvain Lemieux, Director of R&D, GeoCapacity Solutions, PCI Geomatics, Gatineau, QC, Canada

11:00 - 12:30

ENTERPRISE INTEGRATION

Collaborative Resource Management — OCC, Room 2A

Moderator: Peter Schut, Director, Geomatics, National Land and Water Information Service, Agriculture and Agri-Food Canada, Ottawa, ON, Canada

Great Lakes Information Network, Pete Giencke, Program Specialist, Data and Information Management Group, Great Lakes Commission, Ann Arbor, MI, USA

The RésEau Water Portal, Sarah Hall, Environment Canada, Dartmouth, NS, Canada

National Forest Information System, Brian Low, Geospatial Scientist, Canadian Forest Service, Victoria, BC, Canada

GIS DEVELOPMENT

Imagery Analysis — OCC, Room 7A

Moderator: Jody Jeffrey, Marketing Manager, PCI Geomatics, Richmond Hill, ON, Canada

Kernel-based Statistical Learning for Individual Tree Recognition in Forest Inventory, Marek Zaremba, Professor, Université du Québec, Gatineau, QC, Canada

A GIS and Remote Sensing Based Analysis in Land Use Change Using Asymmetric Relation Analysis Method, Jing Wang, GIS Specialist, DMTI Spatial Inc., Markham, ON, Canada

Merging Landsat TM Thermal-IR band With Higher-resolution Reflective Bands, Linhai Jing, York University, North York, ON, Canada

GIS & PUBLIC POLICY

Climate Change — OCC, Room 1A

Flood Risk Modeling for Storm Surge Events and Long term Sea-level Rise, Tim Webster, Research Scientist, Centre of Geographic Sciences (COGS), Lawrencetown, NS, Canada

Web-based Spatial Decision Support System for River Runoff Prediction, Lei Wang, Department of Geography, York University, Toronto, ON, Canada

GIS & PUBLIC POLICY

Contemporary and Historical Geographies of the Canadian Métis — OCC, Room 3A

Towards a Historical Geography of the Métis Nation: GIS and Potential Mapping of Surnames, Frank Tough, Professor, Native Studies, University of Alberta, AB, Canada

Three Miles to 1 inch Sectional Maps: A Source for Reconstruction of the Historical Geography of the Métis, Erik Ellehoj, University of Alberta, AB, Canada

Manitoba Metis Harvesting Initiative: Land Use and Occupancy Mapping, Al Benoit, Senior Policy Advisor, Manitoba Metis Federation, Winnipeg, MB, Canada

GIS & PUBLIC POLICY

Public Health — OCC, Room 4B

Moderator: Tom Koch, Adjunct Professor of Geography (medical), University of British Columbia and Adjunct Professor of Gerontology, Simon Fraser University, Vancouver, BC, Canada

GIS-Based Methodologies for Modeling Anthrax Distribution in North America, Jason Blackburn, World Health Organization Collaborating Center for Remote Sensing and GIS for Public Health, Louisiana State University, Baton Rouge, LA, USA and Bob Parkinson, Agriculture and Agri-Food Canada, Calgary, AB, Canada

Human and Animal Disease Surveillance Systems, Valerie Rice, Ph. D, MPH, Scientific Technologies Corporation, Tucson, AZ, USA

The Use of GIS in Health Care at the Community Geomatics Centre, Sault Ste. Marie, Ontario, Paul Beach, Manager, Community Geomatics Centre, Sault Ste. Marie Innovation Centre, Sault Ste. Marie, ON, Canada

INFRASTRUCTURE & INTEROPERABILITY

Data Distribution Issues — OCC, Room 5B

Moderator: Dave Tracy, Project Manager for Enterprise CADD/GIS Technical Support Services, City of Ottawa, Ottawa, ON, Canada

Geospatial Interoperability: Some Rules to Live By, Raphael Sussman, Manager, Land Information Ontario, Ontario Ministry of Natural Resources, Peterbororough, ON, Canada

GeoBase Principles, Policies and Procedures, Bob Johnson, Coordinator, GeoBase Secretariat, GeoBase Steering Committee, Ottawa, ON, Canada

INTEGRATED CASE STUDY

Hands-On: Build an Interactive Online Atlas with the Cybercartographic Atlas Framework — GCC, Annex Room

Moderator: Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Amos Hayes, Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Jean-Pierre Fiset, Carleton University, Ottawa, ON, Canada
Sébastien Caquard, Post-Doctoral Fellow, Carleton University, Ottawa, ON, Canada

Peter Pulsifer, Ph.D. Student & Lead Antarctica Atlas, Geomatics and Cartographic Research Centre, Ottawa, ON, Canada

13:30 - 15:00

ATLASES, CARTOGRAPHY & VISUALIZATION

PANEL—Atlas of Canada: Future Opportunities — GCC, Annex Room

Moderator: Cameron Wilson, Project Manager, Atlas of Canada, Natural Resources Canada, Ottawa, ON, Canada

Panelist, Jean Thie, Executive Director, Canadian Institute of Geomatics, Ottawa, ON, Canada

Panelist, Fraser Taylor, Distinguished Research Professor in International Affairs, Geography and Environmental Studies, and the Director of the Geomatics and Cartographic Research Centre, Carleton University, Ottawa, ON, Canada

Panelist, Denis Hains, Director, GeoAccess Division, Natural Resources Canada, Ottawa, ON, Canada

Panelist, Dave McIlhagga, President, DM Solutions Group, Ottawa, ON, Canada

ATLASES, CARTOGRAPHY & VISUALIZATION

User-Centered Design and Development (CCA)

Applying UCD in Cyber-Cartography: The Emergence of User Interface Concepts and Designs, Shamima Khan, Human Oriented Technologies Lab, Carleton University, Ottawa, ON, Canada

Usability and the National Atlas of the United States of America, Jay Donnelly, National Atlas of the United States of America, Reston, VA, USA

A Case Study, Integrating Topographic Maps Into the Atlas of Canada, Eric Kramers, Senior Project Officer, Natural Resources Canada, Ottawa, ON, Canada

GEOSPATIAL DATA

Geographic Names — OCC, Room 4B

Moderator: Grace Welch, Associate Unversity Librarian, University of Ottawa, Ottawa, ON, Canada

Geoname Management in a Bilingual Context: The Ontario Experience, Andre Lapierre, Assistant Dean and Secretary of the Faculty, University of Ottawa, Ottawa, ON, Canada

The Geometry of Geographical Names, Ivy Rose, Project Leader, Natural Resources Canada, Ottawa, ON, Canada

Accessing Geographical Names Using the Open Geospatial Consortium International Standard, André Mainville, Project Leader, Natural Resources Canada, Ottawa, ON, Canada

GEOSPATIAL RESEARCH & EDUCATION

Cartography and GIS: Human Dimensions (CCA) — OCC, Room 3A

Moderator: Byron Moldofsky, Cartographer and GIS Analyst, Department of Geography, University of Toronto, Toronto, ON, Canada

The Use of Remote Sensing and GIS for Geo-Archaeology Mapping in Indonesia: Cultural Mapping Experience, Priyadi Kardono, Head of Geomatic Research Division, National Coordinating Agency for Survey and Mapping (BAKOSURTANAL), Jakarta, Indonesia

The 1855 Map of Welland City, and How Merritton Came to Be, Alun Hughes, Associate Professor, Department of Geography, Brock University, St. Catharines, ON, Canada

Using Cartography as a Teaching Tool for Social Studies, Geography, History and Economics, Paul Beullac, B&B Publishing, Montreal, QC, Canada

Charting a Poetic Cartography Across Canada: Navigating an Emotional Landscape of Mourning, Michael J. Coulis, M.A. candidate, Department of Adult Education and Counselling Psychology, Ontario Institute for Studies in Education, Toronto, ON, Canada

GIS DEVELOPMENT

Analytical Approaches — OCC, Room 7A

GIS-based Box-counting Fractal Model on Characterizing Mineral Components, Zhijing Wang, Ph.D. Candidate, York University, Toronto, ON, Canada

Locational Variables for Property Valuation in the City of Calgary, Matthew Reid, MSc. Candidate, University of Calgary, Calgary, AB, Canada

GIS & PUBLIC POLICY

PANEL—PC-IDEA — OCC, Room 2A

Advances and Perspectives of the Chilean SDI, Colonel Luis A. Alegría Matta, Director, Military Instituto Geográfico, Santiago, Chile

Advances and Perspectives of the Mexican SDI, Francisco Antonio Hansen Albites, Executive Secretary of PC-IDEA, Instituto Nacional de Estadistica Geografia e Informática, Mexico City, Mexico

Advances and Perspectives of the Cuban SDI, Colonel Eloy Luis Alum Ortiz, Director General, Oficina Nacional de Hidrografía y Geodesia, Havana, Cuba

INFRASTRUCTURE & INTEROPERABILITY

Canadian and U.S. Partnerships — OCC, Room 5B

Moderator: Paula Rojas, CGDI Content Coordinator, GeoConnections, Ottawa, ON, Canada

U.S. and Canadian Joint Pilot Projects to Advance Spatial Data Infrastructure, J. Milo Robinson, Coordinator, Federal Geographic Data Committee, Reston, VA, USA

Gulf of Maine Project, Dean Gadoury, Product Manager, DM Solutions Group, Ottawa, ON, Canada

Mapping Infectious Disease, Eddie Oldfield, Director, New Brunswick Lung Association, Fredericton, NB, Canada

15:30 - 17:00

GEOSPATIAL RESEARCH & EDUCATION

Geospatial Career Opportunities Panel — OCC, Room 4B

Moderator: Brian Klinkenberg, Associate Professor, University of British Columbia, Vancouver, BC, Canada

GISJobs.ca, Jonathan Murphy, GeoCognition, Gatineau, QC, Canada

Opportunities in the Federal Public Service, Clifford Scott, Resourcing Officer, Public Service Commission of Canada, Ottawa, ON, Canada

Technical School Perspective, David Broscoe, Head, GIS Department, Algonquin College, Ottawa, ON, Canada

VENDOR SEMINARS/SÉANCES DES FOURNISSEURS

	Monday, June 19 Lundi 19 juin	Tuesday, June 20 Mardi 20 juin	Wednesday, June 21 Mercredi 21 juin
09:00 – 09:30		NRCan - CSRS	ESRI Canada
09:30 – 10:00		BAE Systems	MapInfo
10:00 – 10:30		ESRI Canada	Cansel Survey Equip
10:30 – 11:00		Cansel Survey Equip	Spatial Geo Link
11:00 – 11:30		Spatial Geo Link	Intergraph
11:30 – 12:00		Kheops Technologies	PCI Geomatics
12:00 – 13:00			
13:00 – 13:30		MDA Geospatial	NRCan - CSRS
13:30 – 14:00	MapInfo	MapText, Inc.	GeoConnections
14:00 – 14:30	Linnet Systems	MapInfo	
14:30 – 15:00	ESRI Canada	ER Mapper	
15:00 – 15:30	Cansel Survey Equip.	Optech	
15:30 – 16:00	MDA Geospatial	CARIS	
16:00 – 16:30	Spatial Geo Link	PCI Geomatics	
16:30 – 17:00	PCI Geomatics	Intermap	

ALL VENDOR SEMINARS TAKE PLACE IN OCC, ROOM 6A

MONDAY, JUNE 19/LUNDI 19 JUIN

13:30 - 14:00

MapInfo

Adrift in Islands of GIS Information: Effective Navigation

Do you have islands of GIS information in your municipality? Is your location information inaccessible to those who could benefit from it the most? Are your citizens empowered and informed about where your assets are? This presentation focuses on sharing your location information and GIS data to the municipal workers who need it the most. Eighty percent of data in any organization has a spatial component. Find ways of leveraging this information and make your municipality more efficient and more open to your citizens without having to replace any of your existing technology.

14:00 - 14:30

Linnet Systems

Accountability and Information Management for Conservation Authorities

Conservation authorities face increasing pressure to justify program expenditures while improving program administration. Linnet Systems has developed Watershed—The System, a tool, currently in use in several hundred conservation districts in the United States, that allows conservation organizations to manage information on stakeholders, conservation plans and practices, budgeting and grant management, progress reporting, performance measurement and more.

14:30 - 15:00

ESRI Canada

What's New in ArcGIS 9.2?

This presentation will examine the new functionality of ArcGIS 9.2, the upcoming major release of ArcGIS. Topics will cover Desktop enhancements like cartographic representations, charting and animation. Geodata management enhancements such as geodatabase replication and archiving will also be covered. On the server, the presentation will highlight the new AJAX-enabled ADF (Application Developer Framework) common to both ArcIMS and ArcGIS Server. New capabilities for geoprocessing on the server, and the new Mobile ADF will also be examined. This presentation is for those who have an understanding of ArcGIS 9.x and are looking to explore the new functionality.

15:00 - 15:30

Cansel Survey Equipment

Trimble GPS Hardware: The Latest Leap in the Evolution of the GeoExplorer Product Line and the Pathfinder Pro Series Receivers

The GeoExplorer 2005 series builds on the phenomenal success of the GeoXT and GeoXM handhelds with the addition of a new high-end receiver — the GeoXH - to provide sub-foot accuracy in a fully integrated handheld GPS system. Learn about the H-Star technology found in the GeoXH and Pathfinder ProXH receivers.

15:30 - 16:00

MDA Geospatial Services

RADARSAT 2: Adding Capabilities to an Operational Success

RADARSAT 1 has been providing operational SAR data for over 10 years. Radarsat 2 will be launched in 2006 and will provide innovative imaging modes for new application techniques, as well as ensuring data continuity for operational users.

16:00 - 16:30

Spatial Geo-Link Limited/Leica Geosystems Geospatial Imaging

Fixing What's Wrong with Existing Methods for Digital Orthophoto Production

The presentation will review new tools introduced in the Leica Photogammetry Suite to facilitate rapid data capture and orthorectification. It will also introduce the Leica Ortho Accelerator (LOA) that provides a comprehensive view of the production project that is similar to a Geographical Information System (GIS) application. All project data are maintained on the central LOA server. Users interact with the project via graphical clients. The entire ortho processing workflow is accomplished through the Map View interface, custom menus and checklists.

16:30 - 17:00

PCI Geomatics

Geomatica 10 - Overview and What's New

With Geomatica 10, PCI Geomatics offers the most complete geospatial solution to date. No other geomatics software has the built-in capabilities to support your organization's geospatial data processing needs and increase productivity like version 10. With an emphasis on automation, interoperability, and complete support for Oracle 10g, this desktop software offers solutions for all of your geospatial processing needs.

TUESDAY, JUNE 20/ MARDI 20 JUIN

9 - 9:30

NRCan - Canadian Spatial Reference System (CSRS)

CSRS- Precise Point Positioning (PPP) Free Online Post-Processing Service

Learn all about NRCan's CSRS-PPP service that allows GPS users in Canada (and abroad) to compute positions to accuracies that rival phase-differential post-processing. No need to access data simultaneously collected from a base station, simply submit raw observation data from your (single or dual-frequency) GPS receiver over the Internet. Establishing decimeter to centimeter accuracy geodetic control anywhere has never been this easy!

9:30 - 10:00

BAE Systems

The Latest Release of SOCET SET

Learn about the innovations in BAE Systems' latest release of SOCET SET, the renowned photogrammetry software for geospatial analysis and mapping. SOCET SET v5.3 enables users to design rapid, productive workflows to expedite the generation of geographic information from imagery.

10:00 - 10:30

ESRI Canada

Overview of Server GIS at ArcGIS 9.2

This presentation will cover in depth the capabilities of ArcGIS server products with a focus on 9.2, the upcoming major release of ArcGIS. Topics will cover Personal and Workgroup ArcSDE, built on SQL Server Express, geodatabase replication and archiving. Web application development with the new AJAX-enabled ADF (Application Developer Framework) common to both ArcIMS and ArcGIS Server will also be examined. New capabilities for geoprocessing on the server, and the new Mobile ADF will also be covered. This presentation is for those who have an understanding of ArcGIS 9.x and are looking to explore the new functionality of ArcGIS server products at 9.2.

10:30 - 11:00

Cansel Survey Equipment

Streamlined GPS Data Processing Inside of ArcGIS with Trimble GPS Analyst Extension for ESRI ArcGIS and the GPScorrect Extension for ArcPad

See how to improve efficiency and improve your data quality with this ArcGIS extension. GPS Analyst optimizes field-to-office workflows by allowing you to work with GPS data directly inside your personal geodatabase. Checkout and check-in data from ArcPad or import and export Trimble SSF files. Utilize Trimble's built-in differential correction engines to improve positional accuracy.

11:00 - 11:30

Spatial Geo-Link Limited/Leica Geosystems Geospatial Imaging

Conveying 3D Digital Reality

Maximizing the understanding of 3D spatial relation-

ships is critical to any logistical application. By increasing spatial awareness the costs of a project or process can be reduced while increasing efficiency. The aim of this presentation is to unveil the ultimate 3D visualization tool suite—Leica Virtual Explorer, a scalable enterprise solution that permits users to analyze, annotate, model, overlay, animate and collaborate while communicating and editing 3D scenes in real-time via the Web.

11:30 - 12:00
Kheops Technologies
JMap 3.0: An Open Integrated Web-GIS Solution for Land and Asset Management
Jacques Charron, president of KHEOPS technologies, will review release 3.0 of JMap 3.0 and it's capabilities to integrate various technologies to help manage territorial and infrastructure networks.

13:00 - 13:30
MDA Geospatial Services
From RADAR to OPTICAL Satellite Imagery - We have you covered!
MDA's Geospatial Services provides data, information products and services from the majority of Earth observation satellites. A description of satellite imaging services with examples from Ontario and Nunavut will be presented, as well as a look into the future of imagery.

13:30 - 14:00
MapText, Inc.
Cartographic Text Placement
MapText is the leading provider of cartographic label-placement solutions for desktop and Web applications worldwide. Our software is compatible with all major GIS systems. You get high-quality cartographic text placed automatically for any kind of map or chart at incredible speeds.

14:00 - 14:30
Map Info
Adrift in Islands of GIS Information: Effective Navigation
Please see the description under the Monday time slot.

14:30 - 15:00
ER Mapper
Enterprise Geospatial Imagery Solutions
ER Mapper will have a presentation for their latest Enterprise Geospatial Imagery Solutions. This feature demonstrates our Image Web Server technology, and solutions for processing, managing, serving, and remotely accessing JPEG2000 and ECW geospatial imagery.

15:00 - 15:30
Optech Incorporated
The Optech ALTM 3100 EA Airborne Laser Mapping System
In this session the specifications and features of Optech's new ALTM 3100 EA will be presented, including roll compensation, first, second, third and last pulse capture, wide and narrow beam divergence and much more. Navigation software, flight planning software and the REALM processing suite will be discussed, as well as data samples from third-party processing packages such as Terramodel and QT Modeler.

15:30 - 16:00
CARIS
CARIS offers the latest spatial data warehouse and Web-based GIS technology in their Enterprise System for Municipalities. By centralizing all your spatial information you can ensure that your Web-based GIS content is current, accurate and always available.

16:00 - 16:30
PCI Geomatics
Geomatica X - The Next Generation of Image-Centric Solutions
PCI Geomatics has introduced a series of image-centric solutions designed to address geospatial industry needs for automation and production capacity. Geomatica X contains the company's software components used for building production workflows, such as automated DEM extraction, orthorectification, mosaicking, and more.

16:30 - 17:00
Intermap Technologies
Intermap Technologies is re-mapping the United States and Western Europe using airborne radar mapping systems. The programs, NEXTMap USA and NEXTMap Europe, are producing high-accuracy/high-resolution Digital Elevation Models. Specifications and access to these homogenous, low cost DEMS will be presented.

WEDNESDAY, JUNE 21/ MERCREDI 21 JUIN

9:00 - 9:30
ESRI Canada
Geodata Management in ArcGIS 9.2
This presentation will discuss some of the latest developments in the management of geospatial data available from ESRI. Topics will include new features in ArcGIS 9.2 that supports the integration of spatial data into the enterprise: non-versioned editing, versioned data replication, archiving geodatabase history and spatial SQL for Oracle.

The presentation will also talk about advancements made in on-going National Road Network Collaboration project. The NRNC uses the latest functionality in ArcGIS 9.2 in the implementation of a distributed multi-user road network geodatabase. This presentation is intended for those who have an understanding of spatial databases and have a requirement to explore new trends in the management of enterprise geodatabases.

9:30 - 10:00
MapInfo
Adrift in Islands of GIS Information: Effective Navigation
Please see the description under the Monday time slot.

10:00 - 10:30
Cansel Survey Equipment
Using the Power of the Internet and GPS Infrastructure for Mobile GIS—Cansel's Can-Net
Learn about the advantages of 'being connected'. Infrastructure systems are enabling technologies: cellular networks, pipelines, highways, fiber optics, power grids. Can-Net is a new serviced managed by Cansel. It's comprised of a series of reference stations across Canada that provide GPS data for real-time and post-processed applications. The data is delivered over the Internet and for real-time applications the Internet is linked to GPS receivers using the cellular wireless technologies of 1X and GPRS.

10:30 - 11:00
Spatial Geo-Link Limited/Leica Geosystems Geospatial Imaging
ERDAS IMAGINE 9.0 — Enterprise Enabled Geospatial Image Processing
This presentation will detail the new functionality in IMAGINE 9.0, which provides enterprise-enabled geospatial image processing (imagery and feature geospatial information) by leveraging relational database capabilities and providing client-side interaction with spatially aware databases such as Oracle Spatial 10g, or ESRI ArcSDE.

11:00 - 11:30
Intergraph
Spatial Technology Trends in Security and Public Safety
In recent years, our society has been increasingly focused on security and public safety. This increased attention has been driven by a number of (natural and man-made) actual events as well as by the increasing recognition of the increasing potential for various types of events. Fortunately, advanced technologies are allowing us to address security and public safety needs more effectively than in the past. This presentation will take a look at the evolving role that spatial technology is and will be playing in addressing society's needs for increased security and public safety. The presentation will include some actual case studies that employ spatial technology.

11:30 - 12:00
PCI Geomatics
Geomatica OEM - Empowering Image-Centric Solutions
Utilize the PCI Software Development Kit V1.0 (ProSDK) and PCI ProPacks to incorporate state-of-the-art PCI Geomatics geospatial data processing technology into your product. The PCI ProSDK and ProPacks are designed for Original Equipment Manufacturers (OEMs) who wish to improve or add-to the geospatial processing power of their products. Plan to attend this session to learn more.

13:00 - 13:30
NRCan - Canadian Spatial Reference System (CSRS)
CSRS-Precise Point Positioning (PPP) Free Online Post-Processing Service
Learn all about NRCan's CSRS-PPP service that allows GPS users in Canada (and abroad) to compute positions to accuracies that rival phase-differential post-processing. No need to access data simultaneously collected from a base station, simply submit raw observation data from your (single or dual-frequency) GPS receiver over the Internet. Establishing decimeter to centimeter-accuracy geodetic control anywhere has never been this easy!

13:30 - 14:00
GeoConnections
The Canadian Geospatial Data Infrastructure (CGDI) provides the technology, standards, access systems and protocols necessary to harmonize all of Canada's geospatial databases, and make them accessible on the Internet. Please join us for a presentation on the redesigned GeoConnections Discovery Portal.

EXHIBITOR DIRECTORY/RÉPERTOIRE DES EXPOSANTS

Exhibit Hours / Heures d'exposition

Monday, June 19 / Lundi 19 juin	14:00 - 18:00
Tuesday, June 20 / Mardi 20 juin	10:00 - 18:00
Wednesday, June 21 / Mercredi 21 juin	10:00 - 14:00

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www.acmla.org
contact@acmla.org
ACMLA actively serves as the representative professional group for Canadian map librarians, cartographic archivists and others interested in geographic information in all formats. Since its inception in 1967, the achievements of the association have been notable, including a vigorous publishing program, development of professional standards and international cataloguing rules, and efforts to increase national awareness of issues concerning spatial information and recognition of the contribution of map libraries and cartographic archives.

Association of Ontario Land Surveyors
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Fax: 416-491-2576
www.aols.org
info@aols.org
The Association of Ontario Land Surveyors (AOLS) is the governing body for professional surveyors in Ontario. It is made up of over 685 professionals whose combined skills in the disciplines of geodesy, photogrammetry, hydrography, cadastral surveying and geographic information management are recognized and respected worldwide.

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www.atlas.gc.ca
info@atlas.gc.ca
In 2006 The Atlas of Canada marks its 100th anniversary. The first edition of The Atlas of Canada was published in 1906 followed by four printed volumes in 1915, 1957, 1974, and 1993. The Sixth Edition was launched on the Internet in 1994, and was one of the first online atlases. The Atlas of Canada provides a reliable source of national-scale maps that represent the social, economic and environmental make-up of Canada over time. The Atlas of Canada, a product of Natural Resources Canada, provides a reliable summary of national-scale geographical information and framework data. The Atlas of Canada allows users to access high-level, authoritative information of national scope through an interesting and dynamic collection of maps and related information about Canada, with effective and intuitive tools for easy user access.

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Canada's National Forest Information System (CCFM-NFIS)
Booth 323
506 West Burnside Road
Victoria, BC Canada V8Z 1M5
Phone: 250-363-8803
Fax: 250-363-0775
www.nfis.org
This Canadian Council of Forest Ministers initiative is providing users with direct Web-based access to information holdings of government agencies, non-government organizations and industry across Canada. NFIS provides a wide range of services ranging from simple data portrayal to sophisticated spatial analyses—users can discover, integrate, analyze and display current, authoritative and accurate information on Canada's forests and on sustainable forest management.

Canadian Cartographic Association (CCA)
Booth 225
c/o Department of Geography &
Environmental Studies
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Fax: 613-520-4301
cca-acc.org
info@cca-acc.org
The Canadian Cartographic Association, founded in 1975, is open to anyone with an interest in any aspect of mapping. Currently there are five special interest groups in the CCA: Analytical Cartography and GIS, Cartographic Education, History of Cartography, Map Use and Design, and Map Production Technology.

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Founded in 1882, the Canadian Institute of Geomatics has evolved to be a non-profit scientific and technical association devoted to advancing the development of Geomatics Sciences in Canada. CIG is the Publisher of *Geomatica*, an internationally respected quarterly journal dedicated to the dissemination of information from Canada and abroad.

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We are a consortium specializing in broadcast engineering data, precision rapid field infrastructure data collection, paper maps, electronic maps (GIS/GPS), cartographic books/tools, cartographic data manipulation, map publishing, and custom map making. Clients include the general public, utilities, broadcasters, and government (federal/provincial/municipal).

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DAT/EM Systems International is an Alaska-based company that has been developing photogrammetric software since 1987. As a leading developer of photogrammetric hardware and software products and services, DAT/EM specializes in 3-D feature collection software with its digital stereoplotter, SUMMIT EVOLUTION.

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DM Solutions Group has developed a reputation as a leader in the open source community and the clear corporate leader in the development and maintenance of MapServer — the most used Web mapping rendering engine in the world. Building on open source success, The DM Solutions Group business model focuses on custom solution delivery, professional services, hosted online mapping services, and value-added products for transportation (ATS), Location-Based Services and mobile delivery and other vertical markets.

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Septentrion publishes titles specialized in history, although it welcomes titles in other topics of the humanities such as archaeology, political science, ethnography, etc. Septentrion also greets literary works, especially historical novels. Septentrion's catalog offers not only scholarly works, but also a large number of titles from art books to popular works. Most of the catalog's titles are published in French, but some are bilingual (French and English) or unilingual English. At GeoTec 2006, Septentrion and Library and Archives Canada present *Terra Nostra: The Stories Behind Canada's Maps, 1550-1950 / Terra Nostra. Les cartes du Canada et leurs secrets, 1550-1950*, written by senior archivist Jeffrey S. Murray. The volume reveals the stories behind 400 years of mapmaking in Canada and is the first history of Canadian cartography to come out in the last 30 years. Visit the booth to meet the author and have your book signed.

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RésEau is a new and innovative water information demonstration led by the Government of Canada. The RésEau Web portal features interactive maps, tools and data from a diverse cross section of partners. Topics include water quality, quantity, use, groundwater and human health.

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Established in 1984, ESRI Canada is a Canadian-owned company specializing in geographic information systems (GIS) solutions. We provide organizations with complete solutions based on the world's leading GIS technologies. ESRI Canada also provides professional services including training, technical support, and enterprise GIS implementation services. ESRI Canada has 13 regional offices across the country, with headquarters in Toronto, Ontario.

Gemini Positioning Systems
Booth 123
611 - 71 Ave SE
Calgary, AB Canada T2H 0S7
Phone: 403-252-5007
Fax: 403-252-5392
wwww.gps1.com
info@gps1.com
Gemini Positioning Systems is the exclusive Canadian distributor for Thales Navigation's professional line of GPS products. Our Canada-wide network of sub-dealers provides ideal exposure of Thales Navigation's GPS products. Gemini also provides complete GPS hardware/software development for specific applications.

GeoConnections Secretariat
Booth 215
615 Booth Street, 6th floor, Room 644v
Ottawa, ON Canada K1A 0E9
Phone: 613-947-8947
Fax: 613-947-2410
www.geoconnections.org
info@geoconnections.org
GeoConnections is a national partnership program to evolve and expand the Canadian Geospatial Data Infrastructure (CGDI)—an online resource that provides Canadians with on-demand, inter-jurisdictional access to geographic information (e.g. maps, satellite images). GeoConnections funds the development of Web-based geospatial applications to support decision making in the following areas of interest: public health, public safety, Aboriginal communities, and environment and sustainable development.

Geomatics Institute at Fleming
Booth 420
200 Albert St. South
Lindsay, ON Canada K0M 2C0
Phone: 705-324-9144
Fax: 705-878-9318
The Geomatics Institute at Fleming is an award-winning centre of excellence—excellence in the developing and nurturing of cartographic, GIS, remote sensing, and surveying skills. From the comfort of a small town situated among the Kawartha Lakes, these advanced skills are provided to those individuals who wish to enter the geomatics industry with a level of expertise and motivation that has employers repeatedly saying, "Get me a Fleming grad!"

Geospatial Information and Technology Association (GITA)
Booth 111
10 Nester Ct
Whitby, BC Canada L1P 1H9
Phone: 705-665-5994
Fax: 705-665-0947
www.gita.org
info@gita.org
For nearly three decades, GITA has provided high-quality, unbiased information for professionals involved with geospatial information and technology. Tap into the wealth of geospatial knowledge available from GITA by visiting our Web site.

GeoTec Media
Booth 324
760 Market Street, Suite 432
San Francisco, CA 94102 USA
Phone: 415-839-5060
Fax: 303-544-0595
www.geoplace.com
eventinfo@geoplace.com
GeoTec Media has been providing guidance for practitioners and a voice for vendors for 20 years as the publisher of *GeoWorld* magazine and *Geospatial Matters*, the developer of the Web portal GeoPlace.com, the distributor of the weekly "GeoReport" e-newsletter, and the organizer of the annual GeoTec Event tradeshow and conference.

GIS Development
Booth 511
G-4 Sector 39
Noida, VP India 201301
Phone: 91-120-2502180
Fax: 91-120-2500060
www.gisdevelopment.net
megha.datta@gisdevelopment.net
GIS Development is a Geospatial Communications Network organisation, which strives to promote and propagate usage of Geographic Information Science, technology and applications through its publications, portal, conferences/tradeshows and training programmes in the Asia, Pacific and Middle East Regions.

Hewlett-Packard Canada Ltd. (HP)
Booth 401
5150 Spectrum Way
Mississauga, ON Canada L4W 5G1
Phone: 905-206-3252
Fax: 905-206-3485
www.hp.ca
info@hp.ca
HP is the number one IT company world wide, supplying millions of people and industries with premiere computing and printing. HP provides GIS professionals with the ability to use the powerful personal workstations to present geographical information on the widest variety of large format printers. As the leader in reliable printing, we provide industry standard performance systems that deliver fast, premium-quality large-format prints. HP does all this while lowering your total cost of operations.

Hunter GIS
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Mississauga, ON Canada L5L 3S3
Phone: 905-607-4120
Fax: 905-855-2411
www.hunter-gis.com
gisinfo@hunter-gis.com
Hunter GIS develops Geographic Information System solutions on the Autodesk MapGuide platform for the municipal, utility, and resource sectors. Solutions are customized to client data, business practices and future requirements, offering compelling economic advantages for information communication to user desktops.

I.S.M. International Systemap Corp.
Booth 101
Suite 1800 - 1188 West Georgia Street
Vancouver, BC Canada V6E 4A2
Phone: 604-669-8439
Fax: 604-669-8496
www.mypurview.com
info@mypurview.com
I.S.M. International Systemap Corp. demonstrates PurVIEW—an integrated 3-D mapping extension for ArcGIS. Newly released in 2005, PurVIEW enables precise stereoscopic viewing and accurate Virtual-ZT 3-D feature digitizing, geodatabase-direct, with only a standard mouse. Using the staple data ingredients for orthophoto processing, without external imaging engine or exotic photogrammetric interface, bypassing data translation or interoperability issues, PurVIEW is the efficiency ideal finally attained.

Intergraph Canada LTD.
Booth 214
2912 Memorial Drive SE
Calgary, AB Canada T2A 7R9
Phone: 403-569-5500
Fax: 403-569-5801
www.intergraph.com
info@intergraph.com
Intergraph Corporation (NASDAQ: INGR) is the leading global provider of spatial information management (SIM) software. Security organizations, businesses and governments in more than 60 countries rely on the company's spatial technology and services to make better and faster operational decisions. Intergraph's customers organize vast amounts of complex data into understandable visual representations, creating intelligent maps, managing assets, building and operating better plants and ships, and protecting critical infrastructure and millions of people around the world.

Intermap Technologies Inc.
Booth 222
400 Inverness Parkway, Suite 330
Englewood, CO, 80112-5847 USA
Phone: 303-708-0955
Fax: 303-708-0952
www.intermap.com
info@intermap.com
Intermap is digitally remapping entire countries, building unprecedented national databases, called NEXTMap, of highly accurate digital topographic maps (including elevation). Customers purchase Intermap's high-quality, low-cost data to facilitate better decision making for numerous commercial, governmental, military and consumer applications.

Kheops Technologies
Booth 415
300 St-Sacrement, Suite 114
Montreal, QC Canada H2Y 1X4
Phone: 514-285-1211
Fax: 514-285-1177
www.kheops-tech.com
info@kheops-tech.com
KHEOPS Technologies is the software creator of JMap, an open solution that allows online interactive access to spatial information and analysis tools through various networks (Internet, Intranet, Mobile, etc.). One hundred percent Java, JMap is a robust application recognized for its speed, its interoperability (multi-formats/multi-environments) and its ease of use and administration.

Land Information Ontario
Booth 114
300 Water St. PO Box 7000
Peterborough, ON Canada K9J 8M5
Phone: 705-755-1672
Fax: 705-755-2149
www.lio.gov.on.ca
info@lio.gov.on.ca
Land Information Ontario supports the collaborative use of geospatial data through a number of programs that provide access to geographic information about Ontario. Land Information Ontario also works with partners to establish common data standards so geographic information is efficiently collected, stored and managed.

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THE LAND SYSTEMS COMPANY

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Winnipeg, MB Canada R3K 0P4
Phone: 204-957-6470
Fax: 204-957-7568
www.linnet.com
info@linnet.com
Linnet Systems develops Internet and GIS-based software solutions for natural-resource-based business processes. Linnet's business intelligence and program delivery products serve agriculture, forest products, environment, utilities and government markets across North America and worldwide.

MapInfo
Booth 507
One Global View
Troy, NY, 12180-8399 USA
Phone: 518-285-7133
Fax: 518-285-7090
www.mapinfo.com
info@mapinfo.com
MapInfo is the global leader in Location Intelligence solutions, integrating software, data and services to provide greater value from location-based information and drive more insightful decisions. Our mission: enable every business and government—worldwide—to harness the power of location.

Mapping and Charting Establishment
Booth 116
615 Booth Street
Ottawa, ON Canada K1A 0E9
Phone: 613-996-6203
The Mapping and Charting Establishment provides geospatial information and geomatics support to the Canadian Forces.

MapText, Inc.
Booth 224
666 Plainsboro Road, Suite 1025
Plainsboro, NJ, 08536 USA
Phone: 609-716-7552
Fax: 609-716-7553
www.maptext.com
info@maptext.com
MapText is the leading provider of cartographic label-placement solutions for desktop and Web applications worldwide. Our software is compatible with all major GIS systems. You get high-quality cartographic text placed automatically for any kind of map or chart at incredible speeds.

MDA Geospatial Services
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13800 Commerce Parkway
MacDonald Dettwiler Building
Richmond, BC Canada V6V 2J3
Phone: 604-231-4972
Fax: 604-231-4900
www.mdacorporation.com
info@mdacorporation.com
MDA's Geospatial Services International (formerly RADARSAT International) is a world-leading provider of data, information products and services derived from radar and optical Earth imaging satellites. Our markets include resource mapping, agriculture, environmental monitoring, disaster management and maritime surveillance. Contact us today!

National Geospatial-Intelligence Agency
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4600 Sangamore Road, Mail Stop D-143
Bethesda, MD, 20816-5003 USA
Phone: 301-227-1045
Fax: 301-227-0117
www.nga.mil
info@nga.mil
NGA provides timely, relevant, and accurate geospatial intelligence (a combination of imagery, imagery intelligence, and geospatial information) to the military warfighter and to our nation's senior policy and decision makers.

National Land and Water Information Service (NLWIS)
Booth 115
Building 57, 960 Carling Ave
Ottawa, ON Canada K1A 0C6
Phone: 613-694-2671
Fax: 613-715-5111
www.agr.gc.ca/NLWIS
kerrb@agr.gc.ca
The National Land and Water Information Service, a four-year Major Crown Project led by Agriculture and Agri-Food Canada, will provide online agri-environment data, information, tools and expertise to support land-use decision making. Implementation of the Service began in May 2005, with full-service delivery being phased in by 2009.

Natural Resources Canada | Ressources naturelles Canada

Natural Resources Canada, Earth Sciences Sector / Ressources naturelles Canada, Secteur des sciences de la Terre
Booth 309
615 Booth Street
Ottawa, ON Canada K1A 0E9
Phone: 613-996-3919
Fax: 613-943-8742
www.ess.NRCan.gc.ca
esstweb@nrcan-rncan.gc.ca
Natural Resources Canada (NRCan) is home of the Earth Sciences Sector: the Government of Canada's principal Earth sciences agency, providing Canadians with timely and reliable geomatics and geoscience knowledge. NRCan builds upon the Government of Canada's commitment to create a world-leading economy driven by innovation, ideas and talent.

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4711 Yonge Street, Suite 1100
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www.oce.ca
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Océ, a leader in manufacturing Wide Format Printing Systems, from stand-alone monochrome or colour printers and scanners to multifunctional systems. Complimented by our professional imaging supplies portfolio and service organization, we provide customers with unsurpassed quality, reliability and productivity.

Open Geospatial Consortium, Inc. (OGC)
Booth 322
35 Main St., Ste 5
Wayland, MA, 01778 USA
Phone: 508-655-5858
Fax: 508-655-2237
www.opengeospatial.org
info@opengeospatial.org
The Open Geospatial Consortium, Inc. is a non-profit, international, voluntary consensus standards organization that is leading the development of standards for geospatial and location based services. Through our member-driven consensus programs, OGC works with government, private industry, and academia to create open and extensible software application programming interfaces for geographic information systems (GIS) and other mainstream technologies.

Optech Incorporated
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300 Interchange Way
Vaughan, ON Canada L4K 5Z8
Phone: 905-660-0808
Fax: 416-661-4168
www.optech.ca
info@optech.ca
Optech is the world leader in lidar survey instruments, with a global client base. The company's Airborne Terrain Laser Mapper (ALTM) is the latest in cutting-edge airborne surveying lidar equipment for large or small surveying opportunities.

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Richmond Hill, ON Canada L4B 1M5
Phone: 905-764-0614
Fax: 905-764-9604
www.pcigeomatics.com
info@pcigeomatics.com
PCI Geomatics is a world-leading developer of image-centric geomatics software solutions. Recently, PCI Geomatics has begun offering custom solutions, providing professional services for large and small projects.

Refractions Research
Booth 423
Suite 400 - 1207 Douglas St.
Victoria, BC Canada V8W 2E7
Phone: 250-383-3022
Fax: 250-383-2140
www.refractions.net
info@refractions.net
Refractions Research is a consulting and product development organization, dedicated to providing great technology and a great client experience. We specialize in spatial and database application development, application integration, and automatic data transformations.

Safe Software
Booth 421
Suite 2017 - 7445 132nd Street
Surrey, BC Canada V3W 1J8
Phone: 604-501-9985
Fax: 604-501-9965
www.safe.com
info@safe.com
Safe Software Inc., the makers of FME, is the Spatial ETL (Extract, Transform, and Load) industry leader. Safe Software's focus is on providing software solutions and professional services that deliver seamless data access and format translation.

Sani-International Technology Advisors Inc./LizardTech
Booth 217
3075 14th Ave, Suite 224
Markham, ON, L3R 0G9, Canada
Phone: 905-943-7774
Fax: 905-943-7775
Sani-International Technology Advisors Inc. (SANI-ITA) provides services and consulting in Geomatics. The Corporation, a GeoEye and LizardTech distributor, is also the authorised training centre in Canada for the ERDAS IMAGINE and Leica Photogrammetry Suite of software products. SANI-ITA is ISO 9001:2000 registered.
www.sani-ita.com

LizardTech
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www.lizardtech.com

Spatial Geo-Link/ Leica Geosystems Geospatial Imaging
Booth 120
Suite 224 3075 14th Avenue
Markham, ON Canada L3R OG9
Phone: 905-470-5990
Fax: 905-470-5992
Spatial Geo-Link Limited is the exclusive Leica Geosystems distributor in Canada of ERDAS IMAGINE remote sensing software, Leica Photogrammetry Suite (LPS) products, and ArcGIS/ESRI Extensions—Image Analysis, Feature Analyst, LIDAR Analyst and Stereo Analyst—and as such distributes and supports these products throughout Canada. Spatial Geo-Link Limited is an ESRI Business Partner.
www.spatialgeolink.com

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Leica Geosystems Geospatial Imaging is streamlining workflows, enabling users to work more efficiently and accurately. Offering industry-leading photogrammetric mapping and remote sensing software, it facilitates the efficient capture of data, accurate referencing of imagery, easy measurement and analysis, and versatile presentation of spatial information.
www.gi.leica-geosystems.com

Statistics Canada
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3-C4 J.T., Tunney's Pasture
Ottawa, ON Canada K1A 0T6
Phone: 613-951-1880
Fax: 613-951-0569
www.statcan.ca
geohelp@statcan.ca
Statistics Canada maintains a spatially referenced geographic database in support of the Censuses of Population and Agriculture, the Standard Geographical Classification and other Statistics Canada programs. STC also develops geographical concepts, delineates geographic areas, produces maps and other published reference materials, and offers a variety of services.

Teranet
Booth 414
1 Adelaide St. E., Ste. 600
Toronto, ON Canada M5C 2V9
Phone: 416-360-8863
Fax: 416-703-5036
www.teranet.ca
info@teranet.ca
Teranet provides business-to-government (B2G) and business-to-business (B2B) e-service solutions that enable organizations to greatly enhance the services they provide to their customers. With a combination of unique capabilities and state-of-the-art systems, Teranet is at the forefront of delivering service potential in the land, legal, and financial services industries as well as enabling electronic government service delivery.

Terralink International
Booth 422
PO BOX 2872
Wellington, New Zealand
Phone: 64 4 915 6022
Fax: 64 4 915 6030
www.terralink.co.nz
info@terralnk.co.nz
Terralink International Limited provides GIS and mapping solutions that enable better business management. The company assists businesses with integrating their own data sets with imagery, cartography, spatial databases and mapping tools to create effective GIS systems.

Topcon Positioning Systems
Booth 404
7400 National Drive
Livermore, CA, 94551 USA
Phone: 925-245-8372
Fax: 925-245-8586
www.topcon.com
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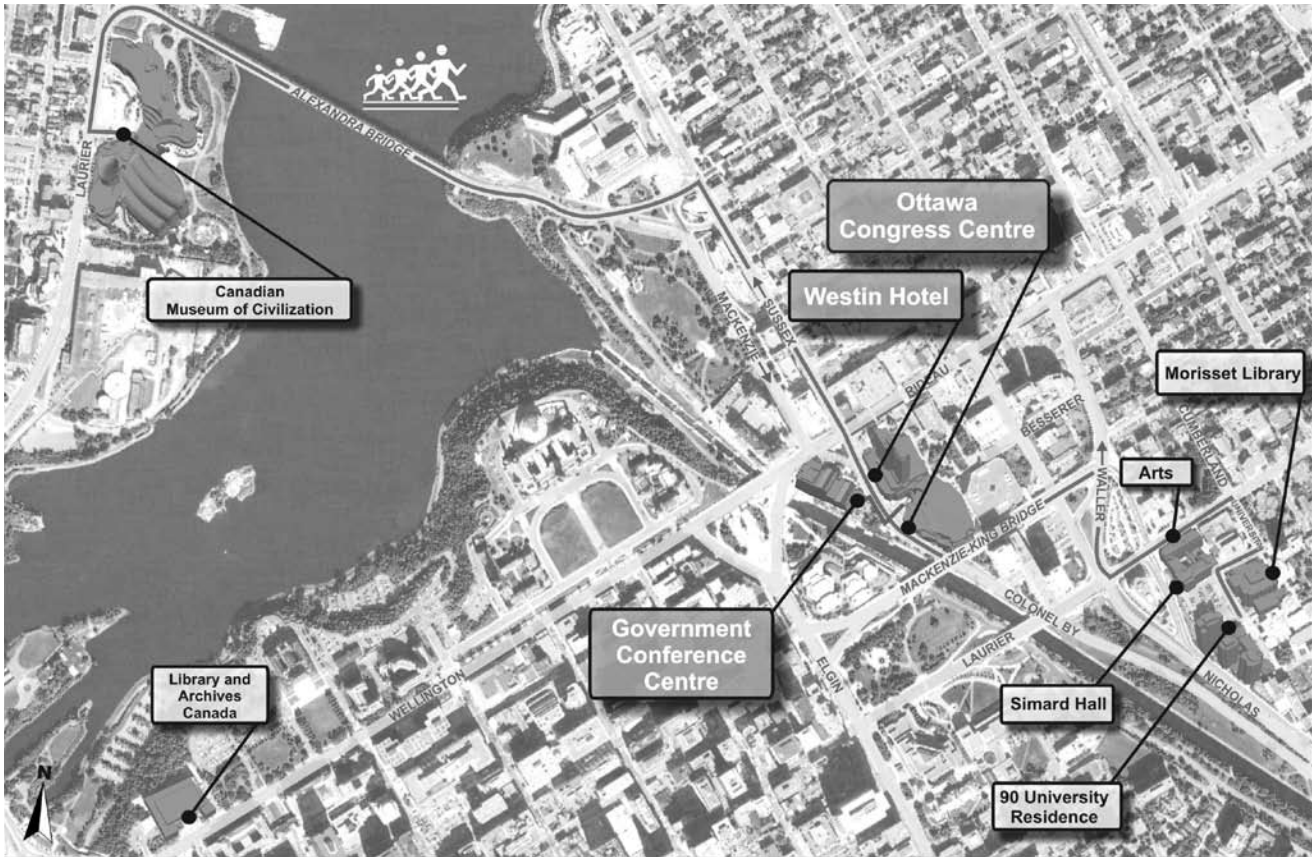
Topcon is the worldwide leading manufacturer of precision positioning equipment. Topcon offers the widest selection of precision GPS+ systems, laser and machine control solutions, and land surveying instruments today. Topcon maintains its leadership by developing new technologies and supplying innovative products that target the needs of customers.

URISA - Ontario Chapter
Booth 517
15 Thornlea Road
Thornhill, ON Canada L3T 1X2
Phone: 416-338-2219
Fax: 905-709-0764
www.urisaoc.ca
info@urisaoc.ca
URISA (Urban & Regional Information Systems Association) is the premiere non-profit organization for the use and integration of spatial information technologies to solve challenges in government agencies and improve the quality of life in urban and regional environments. The Ontario Chapter has over 500 individual and group members from all levels of government, GIS applications vendors, consultants, educators, students, and business professionals that provide educational programs and services related to spatial information systems and integrated solutions.

Photo By: Mark Fowl

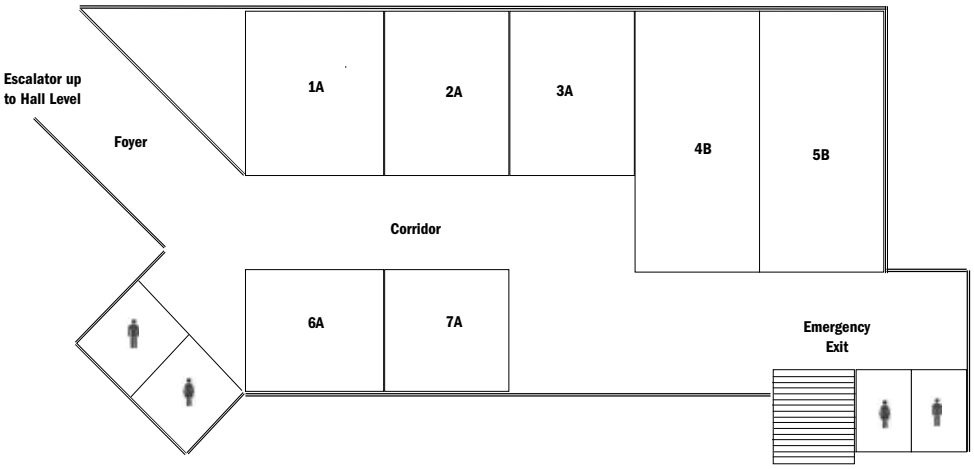
FLOOR PLANS/PLANS D'ÉTAGE

GCC = Government Conference Centre/Centre de conférences du gouvernement

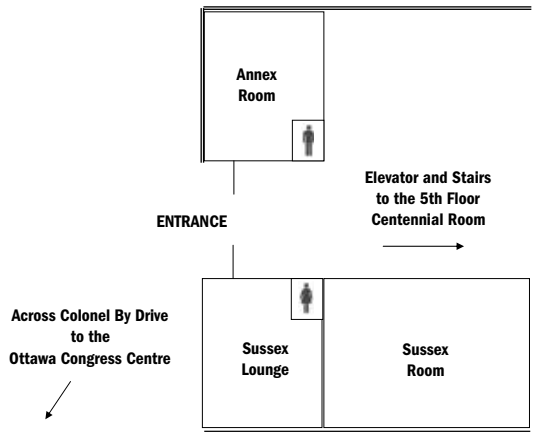


Map design: Eric Séguin, Sam Herold and Zoran Reljic, Laboratory for Applied Geomatics and GIS Sciences (LAGGISS), University of Ottawa. Data from the City of Ottawa Survey and Mapping Branch, PCI Geomatics and Digital Globe.

OTTAWA CONGRESS CENTRE - Capital Hall Level



GOVERNMENT CONFERENCE CENTRE - 1st Floor



REGISTRATION/INSCRIPTION

Registration Hours/
Heures d'inscription

Saturday, June 17 / Samedi 17 juin
17:00 - 19:00
Sunday, June 18 / Dimanche 18 juin
07:30 - 17:00
Monday, June 19 / Lundi 19 juin
08:00 - 17:00
Tuesday, June 20 / Mardi 20 juin
08:00 - 17:00
Wednesday, June 21 / Mercredi 21 juin
08:00 - 13:30

What's Included?/Ce qui est inclus?

The Conference registration includes admission to all conference sessions, entrance to the exposition, admission to the Opening Reception, admission to the Keynote Breakfast and a copy of the conference proceedings. NOTE: Workshops are an additional fee.

L'inscription à la conférence de trois jours comprend toutes les séances de la conférence, l'exposition, la réception du mardi, le petit-déjeuner d'ouverture ainsi que les pauses-café du lundi, mardi et mercredi. Note: Vous devez payer des frais additionnels pour assister aux ateliers.

The One-Day Conference registration includes admission to all conference sessions and entrance to the exposition on the day of your paid registration only. NOTE: The Wednesday Keynote Breakfast is an additional fee.

L'inscription à la conférence d'une journée comprend toutes les séances de la conférence, l'exposition et les pauses-café de la journée à laquelle vous vous êtes inscrit seulement.

The Student/Educator registration includes all conference sessions, entrance to the exposition, and admission to the Tuesday Reception and coffee breaks on Monday, Tuesday and Wednesday. NOTE: The Wednesday Keynote Breakfast is extra.

L'inscription pour les enseignants et les étudiants comprend toutes les séances de la conférence, l'exposition, la réception du mardi et les pauses-café du lundi, mardi et mercredi.

The Expo-Only registration includes admission to the exposition and vendor seminars. It is valid for all three days of the show.

L'inscription à l'exposition seulement comprend toutes les activités relatives à l'exposition. L'inscription est valide pour les trois jours au cours desquels aura lieu l'exposition.

A Workshop registration includes admission to one workshop on June 18 along with workshop material and a boxed lunch.

L'inscription à l'atelier comprend les droits d'entrée à un atelier, qui se tiendra le 18 juin, et au matériel essentiel à celui-ci.

Proceedings/Actes

The conference Proceedings will be compiled on an interactive Web site. Access will be provided to all paying registrants immediately following the event.

Les actes de la conférence seront compilés sur un site Web interactif. L'accès sera donné immédiatement après l'événement à toutes les personnes inscrites ayant acquitté leurs frais.

GENERAL INFORMATION/INFORMATION GÉNÉRALE

Job Fair/
Salon de l'emploi

Exhibit Hall, Booth 427

The job fair at the 2006 GeoTec Event will provide excellent opportunities for matching employers and professionals. The Job Fair is located on the exhibit floor and will be open during exhibit hours. No charges or fees are asked from participants.

Salle des exposants, kiosque 427

Le salon de l'emploi qui se tiendra à la conférence GeoTec 2006 permettra aux employeurs de rencontrer des professionnels. Le salon de l'emploi aura lieu dans la salle d'exposition et les heures d'ouverture seront les mêmes que celles de la conférence. Aucuns frais ou montant ne devront être défrayés de la part des participants.

Westin Ottawa/
Hôtel Westin d'Ottawa

The Westin Ottawa is the official conference hotel. The hotel is connected both to the Ottawa Congress Centre and the Rideau Centre and has wonderful views of the Rideau Canal and Parliament Hill.

L'hôtel Westin d'Ottawa est l'hôtel officiel de la conférence. L'hôtel est relié au Centre des congrès d'Ottawa ainsi qu'au Centre Rideau et offre des vues splendides sur le Canal Rideau et la Colline du Parlement.

Westin Ottawa
11 Colonel By Drive
Ottawa, ON K1N 9H4
Phone: 613-560-7367
Fax: 613-560-7359

Speaker Ready Room/
Salle de préparatifs des conférenciers

OCC — Coat Check A / Vestiaire A
Sunday through Thursday/
Dimanche au mercredi – 08:00 – 17:00

Internet Access/
Accessibilité à Internet

Wireless Internet will be provided in all meeting rooms at the Ottawa Congress Centre for a fee of $25 for the duration of the event. Visit the registration desk to sign up for this service.

Internet sans fil sera offert dans toutes les salles de réunion du Centre des congrès d'Ottawa au coût de 25 $ pour toute la durée de l'événement. Visiter le bureau d'inscription afin d'avoir accès à ce service.

Message Centre/
Centre des messages

Incoming messages for attendees will be posted on a bulletin board near the registration area. Please check the board regularly if you expect messages.

Les messages reçus à l'intention des participants seront affichés sur un babillard situé près de l'aire d'inscription. Veuillez donc le consulter régulièrement si vous attendez des messages.

Lunch Arrangements/
Arrangements de déjeuner

The Rideau Centre has a large food court and the Byward Market is also close by with a large variety of dining options. Workshop attendees will receive a boxed lunch on Sunday.

Le Centre Rideau possède une grande aire de restauration et le Marché By, offrant une grande variété de restaurants, est également situé à proximité. Les participants de l'atelier recevront un panier-repas pour le dîner de dimanche.

GCC = Government Conference Centre/Centre de conférences du gouvernement

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ESRI Canada

www.esricanada.com or 1-800-GIS-XPRT

HIGHLIGHTS / POINTS CULMINANTS

Mobile Mapping Unit on Display / Unité cartographique mobile exposée

The Canadian Department of National Defence will display the Deployable Geomatic Support System (DGSS) on Tuesday outside of the Government Conference Centre. This system can be deployed almost anywhere and work in environments ranging from extreme cold to excessive heat, as well as heavy humidity and blowing dust. The current build of the DGSS focuses on the ability to be transported in a small footprint and is easily carried, setup and dismantled by a Geomatic Support Team (GST) of two.

Le ministère de la Défense nationale du Canada exposera son système de soutien géomatique déployable (SSGD) mardi à l'extérieur du Centre de conférences du gouvernement. Ce système peut être déployé pratiquement partout et fonctionne dans diverses conditions allant de froids extrêmes à des chaleurs excessives, ainsi que dans des climats très humides ou dans des tourbillons de poussière. La version actuelle du SSGD est orientée sur sa capacité à être transportée facilement et dans des petits endroits; celle-ci peut être installée et démontée par une équipe de soutien géomatique constituée de deux personnes.

Cartographic Exhibit / Exposition cartographique

Maps and cartographic works are on display at The Atlas of Canada's 100th Anniversary Cartographic Exhibit. The Cartographic Exhibit is located in the exhibit hall adjacent to the tradeshow floor.

A special collection of historical and recently published paper maps will be displayed alongside digital cartographic products. The exhibit will be open to all GeoTec Event participants for self-guided exploration from June 19 to 21.

A total of 10 computer stations will display digital cartographic products such as Web-based mapping sites and other digital products. Supplemental documentation and map products are on display on the walls and adjoining tables.

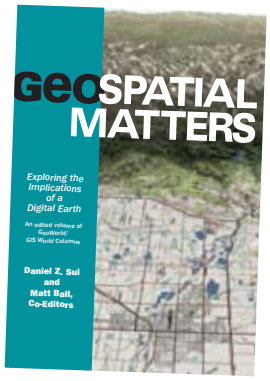
Des cartes et des travaux cartographiques seront présentés lors de l'Exposition cartographique du 100e anniversaire de l'Atlas du Canada. L'Exposition cartographique se tiendra dans la salle des exposants attenante à l'étage du salon professionnel.

Une collection spéciale de cartes papier historiques et récemment publiées seront affichées aux côtés des produits cartographiques numériques. L'exposition se tiendra du 19 au 21 juin et sera offerte à tous les participants de la conférence GeoTec pour une exploration autoguidée.

Un total de 10 postes informatiques exposera des produits cartographiques numériques tels que des sites cartographiques sur le Web et tout autre produit numérique. De la documentation supplémentaire et des produits cartographiques seront affichés sur les murs et les tables avoisinantes.

BOOK LAUNCHES / LANCEMENTS DE LIVRE

Geospatial Matters

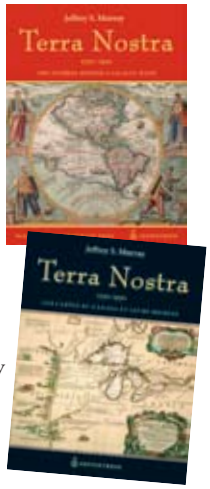


GeoTec Media's new book *Geospatial Matters: Exploring the Implications of a Digital Earth* will be available during the GeoTec Event at Registration and is also available online at www.geoplace.com. The book is a collection of some of the best *GeoWorld* magazine columns written by renowned authorities Jerry Dobson, Nigel Waters, Jeremy Crampton and Daniel Sui.

This book captures a broad perspective of geospatial technology tools and applications, and promises to motivate and inspire discussion about the implications of the technology in today's society.

Geospatial Matters is the perfect teaching tool, not only for the academic environment, but also for anyone in government operations or land use planning and development. It's a must-read for anyone interested in GIS fundamentals.

Presenting Terra Nostra / Nouvelle publication - Terra Nostra



Backed by extensive historical research and drawing on the world's largest and most important collection of early maps relating to Canada, *Terra Nostra: The Stories Behind Canada's Maps, 1550—1950* is the first history of Canadian cartography to come out in the last 30 years.

In this new volume published by les éditions du Septentrion in co-operation with Library and Archives Canada, author and Senior Archivist Jeffrey S. Murray reveals the stories behind 400 years of mapmaking in Canada. He unlocks the secrets of some 200 maps, plans, photographs and paintings from the Library and Archives Canada collection—all beautifully reproduced in full colour. He tells of the people who created these artifacts, why they were made and how they influenced the lives of Canadians.

Come visit the Septentrion/Library and Archives Canada booth at the 2006 GeoTec event to purchase a copy of Terra Nostra and to meet author Jeffrey S. Murray, who will be on hand to sign books and answer questions.

Terra Nostra : Les cartes du Canada et leurs secrets, 1550-1950 est le fruit de recherches historiques approfondies et la première histoire de la cartographie canadienne à paraître depuis les trente dernières années. L'auteur a puisé dans la plus vaste et plus importante collection au monde de cartes anciennes se rapportant au Canada.

Dans ce nouveau livre, publié par les éditions du Septentrion en collaboration avec Bibliothèque et Archives Canada, l'auteur Jeffrey S. Murray, archiviste principal, retrace les histoires qui ont marqué 400 années de cartographie au Canada. Il soulève le voile des secrets de quelque 200 cartes, plans, photographies et tableaux de la collection de Bibliothèque et Archives Canada, tous merveilleusement reproduits en couleurs. Il nous parle de ceux qui ont produit ces artéfacts, expliquant pourquoi ils les ont créés et en quoi ils ont influé sur la vie des Canadiens.

Vous pourrez vous procurer ce livre au stand de Septentrion/Bibliothèque et Archives Canada à la conférence Geotec. L'auteur Jeffrey S. Murray sera présent et se fera un plaisir de dédicacer ses livres et de répondre aux questions.

SAVE THE DATE!

June 11-14, 2007

Calgary Telus Convention Centre
Calgary, Alberta, Canada

Held in conjunction with

GeoAlberta

GeoTEC event2007