

JUNE- JULY - AUGUST 2001



## Summary

### **GESTIM Wins Two Prestigious Hommages 2001 Awards**

At the official gala, held on March 21 last at the Québec Hilton Hotel and attended by 350 people, the **GESTIM** project (mining title management) developed by the Ministère des Ressources naturelles received both the **Hommages 2001** award in the *Government Departments* category and the special jury award. GESTIM was selected from a short list of 16 major finalists. The committee was impressed by its unique and innovative nature and the quality of its candidacy.

The competition, organized by the Secrétariat du Conseil du trésor in collaboration with the Ministère de l'Industrie et du Commerce, is intended to acknowledge the leading role played by public and broader public sector stakeholders in Québec's information technology and communications

### **Geomatics at the Summit of the Americas**

The Summit of the Americas, held in Québec City on April 20-22, 2001, was the largest operation ever supervised by the Sûreté du Québec since its creation. For the staff of the Geomatics Division, it was also an excellent opportunity to demonstrate the utility of geomatics tools for police officers, and to consolidate their role in the organization (the Geomatics Division was created just two years ago). For the Summit, six staff members were on call 24 hours a day for one week to meet the mapping and geographic information system needs of police officers.

### **The Public Land Information and Management System Geomatics at the Service of Territorial Management**

A broad knowledge of the territory and related development issues is a core element in good territorial management. The Ministère des Ressources naturelles (MRN), if it is to fulfill its responsibility to manage public land effectively, must have access to a broad range of information. Over the last two years, to help with this task, the MRN has produced the administrative design and architecture for a public land information and management system to be known by its French acronym SIGT. Geomatics will play a

sectors.

## **After More Than 20 Years, the Canadian Symposium on Remote Sensing is Back in the Québec Region!**

Don't miss the [23rd Canadian Symposium on Remote Sensing](#), to be held at Laval University, Sainte-Foy, on August 21-24. The theme of this major event will be *Remote Sensing in the Third Millennium: From Global to Local*. The 10<sup>th</sup> Congress of the Québec Remote Sensing Association will be held at the same time.

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GÉOinfo is a bimonthly Internet newsletter produced by the Plan géomatique du gouvernement du Québec, PGGQ team. Its articles principally address

significant role in the project since it will be used to capture, maintain and apply the information required by the system.

## **Municipal Amalgamation and Geomatics: Preparatory Steps**

This was the theme of the conference held by the Association de géomatique municipale du Québec (AGMQ) on April 3 last at the Hôtel des Gouverneurs in Saint-Hyacinthe. The event, attended by more than 200 people, offered an opportunity to address the impacts of the municipal amalgamations from a geomatics standpoint, and to consider the importance of planning geomatics integration within the new municipalities.

## **Geomatics on the Agenda at the Montreal Conference**

The Montreal Conference was held on April 17-20 at the Queen Elizabeth Hotel. This international forum on the new economy was attended by more than 1,300 people from both Canada and abroad. Some participants were members of financial, political and business elites from the four corners of the Americas. The Conference, held just three days prior to the Québec Summit, was in fact the Summit's economic component. This year, its theme was the creation of a free trade zone between the Americas. The Ministère des Ressources naturelles made its contribution to the Conference, by organizing a geomatics seminar. The seminar provided an excellent opportunity for representatives of Québec's public and private sectors to inform foreign delegations of their expertise in the field of geomatics.

[Article](#)

## **The STCUM Wishes to Extend its Range of Geomatics Applications**

In the fall of 2000, the Société de transport de la Communauté urbaine de Montréal (STCUM) completed a study designed to help it revise its entire geomatics infrastructure. The goal was to improve the planning and organization of public transportation

current issues in the field of geomatics within the government of Québec.

### **Editor-in-Chief**

Marie-Josée Gallien

### **Editorial Committee**

Geneviève-Ilou Boucher  
Luc Gravel  
Pierre Lessard  
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### **Contributors**

Marie-Hélène Campagna  
Jocelyn Grondines  
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Daniel Rochefort

### **Linguistic Revision**

Les Textes impeccables inc.

### **Translation**

Christine Gardner

### **Electronic Edition**

Prospection Inc.

### **Networking**

Jacques Roussin

### **GÉOinfo**

Phone: (418) 627-6250, ext. 2166  
Fax: (418) 646-9424

### **Comments**

 [Marie-Josée Gallien](mailto:Marie-Josée.Gallien@geoinfo.gouv.qc.ca)

services, especially in the areas of user information systems (UIS) and operating support systems (OSS). The study defined the STCUM's general geomatics needs for its transportation applications, to improve both internal services (location of buses and paratransit vehicles, automatic counting of passengers and assisted vehicle distribution) and the services available to passengers (real-time circulation of timetables on a display device, interactive journey-planning terminal, assisted cartography and Web service).

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## **NUMÉRIMAGE**

### **The Government's Collection of Satellite Images: Even More Images, and Easier to Consult**

Over the last year, Québec's satellite image bank, known by its French acronym BDSQ, has been enriched by a further 120 images and now contains more than 1,500 images in all. Two years ago, to allow the bank's images to be localized graphically, the Ministère des Ressources naturelles (MRN) developed an ARCVIEW search tool known as "REPERIMAGE". The tool has recently been substantially improved.

### **The High-Resolution Revolution**

The arrival of high-resolution satellite images (i.e. with a resolution of 5 metres or less) has turned the world of remote sensing upside down. With Landsat (30 metres) and SPOT (20 metres), it was possible to obtain general information on territorial occupation. However, the new high-resolution service will open the door to applications designed principally for cartographic and urban use, even rivalling aerial photographs in terms of detail. The Ministère des Ressources naturelles (MRN), as the Québec government's general map producer, is monitoring the development of this new technology with interest, and has even begun to prepare a test bench to explore its possibilities.

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**Québec**   
Ministère des  
Ressources naturelles

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## Events of Interest

### 2001

#### 21<sup>st</sup> Annual ESRI International User Conference

**When:** July 9-13, 2001

**Where:** San Diego Convention Center, San Diego (California), U.S.A.



(909) 793-2853#1-1363



[uc2001@esri.com](mailto:uc2001@esri.com)



<http://www.esri.com/events/uc/>

#### IGARSS 2001 - Scanning the Present and Resolving the Future

International Geoscience and Remote Sensing Symposium

**Organization:** IEEE Geoscience and Remote Sensing Society

**When:** July 9-13, 2001

**Where:** Sydney (NSW), Australia



(909) 793-2853 # 1-1363



[igarss@ausconvservices.com.au](mailto:igarss@ausconvservices.com.au)



<http://www.igarss2001.org/>

#### Mapping the 21<sup>st</sup> Century

20th Conference of the International Cartographic Association (ICA)

**Organization:** International Cartographic Association (ICA)

**When:** August 6-10, 2001

#### Transforming the Future

8<sup>th</sup> World Congress on Intelligent Transport Systems

**Organization:** ITS Australia and ITS America

**When:** September 30-October 4, 2001

**Where:** Sydney (NSW), Australia



+61 2 9241 1478



[its2001@itsworldcongress.org](mailto:its2001@itsworldcongress.org)

#### NESTVAL 2001 - A Spatial Odyssey

**Organization:** New England - St. Lawrence Valley Division of the Association of American Geographers

**When:** October 19-21, 2001

**Where:** Bridgewater State College, New Bedford and Fairhaven (Massachusetts), United States



(508) 697-1351



[gmiller@bridgew.edu](mailto:gmillar@bridgew.edu)



<http://www1.wsc.ma.edu/nestval/>

#### "URISA 2001 39<sup>th</sup> Annual Conference and Exposition"

**Organization:** Urban and Regional Information Systems Association (URISA)

**When:** October 20-24, 2001

**Where:** Convention Center - Hyatt, Long

**Where:** Beijing, China




 +86-10-6833 9095  
 [icc2001@sbsm.gov.cn](mailto:icc2001@sbsm.gov.cn)  
 <http://www.icaci.org/>

### **11<sup>th</sup> International Conference of Historical Geographers**

International Conference of Historical Geography

**When:** August 12-18, 2001

**Where:** Laval University, Québec City (Québec), Canada

 (418) 656-3770  
 [ICHG2001@cieq.ulaval.ca](mailto:ICHG2001@cieq.ulaval.ca)  
 <http://www.cieq.ulaval.ca/ICHG.html>

### **"Remote Sensing in the Third Millennium: From Global to Local"**




23<sup>rd</sup> Canadian Symposium on Remote Sensing, held in conjunction with the 10<sup>th</sup> Congress of the Québec Remote Sensing Association

**Organization:** Canadian Remote Sensing Society and Québec Remote Sensing Association

**When:** August 20-24, 2001

**Where:** Université Laval, Pavillon Desjardins, Sainte-Foy (Québec), Canada

**Information:** Marie Juneau

 (613) 234-0191  
 [casi@casi.ca](mailto:casi@casi.ca)  
 <http://www.casi.ca>

### **"GIS - The Currency for Modern Governments"**

URISA 2001 The First Caribbean GIS Conference

**Organization:** Urban and Regional Information Systems Association (URISA)

**When:** September 9-12, 2001

**Where:** Wyndham Rose Hall, Montego Bay, Jamaïque

Beach (Californie), U.S.A.




 (847) 824-6300  
 [info@urisa.org](mailto:info@urisa.org)  
 <http://www.urisa.org/annual.htm>

### **GIS/LIS Annual Conference & Expo Organizer**

**Organization:** Geospatial Information & Technology Association (GITA)

**When:** October 21-25, 2001

**Where:** Long Beach (Californie), U.S.A.




 (303) 337-0513  
 [staff@gita.org](mailto:staff@gita.org)  
 <http://www.gita.org>

### **Remote Sensing & Resource Management in Nearshore and Inland Waters**

**Organization:** Alliance for Marine Remote Sensing Association (AMRS)

**When:** October 22-24, 2001

**Where:** Wolfville (Nova Scotia), Canada


 (902) 491-2160  
 [errin@waterobserver.org](mailto:errin@waterobserver.org)  
 <http://www.waterobserver.org/workshop-10-2001/index.html>

### **Intégration des données et des technologies dans les villes de demain (Integrating Data and Technologies in Tomorrow's Cities)**

**Organization:** Association de géomatique municipale du Québec (AGMQ)




**When:** October 23, 2001

**Where:** To be determined

 [Agmq@affaires.com](mailto:Agmq@affaires.com)  
 <http://www.agmq-quebec.com>

### **ASPRS Digital Elevation Model (DEM) Specialty Conference**

**Organization:** ASPRS and the Management Association for Private Photogrammetric

 (847) 824-6300  
 [info@urisa.org](mailto:info@urisa.org)  
 <http://www.urisa.org/2001Caribbean/caribbeanprelim.htm>

### **22<sup>nd</sup> Annual CIUG Education Forum**

**Organization:** Canadian Intergraph Users Group (CIUG)

**When:** September 16-19, 2001

**Where:** Calgary (Alberta), Canada

 (403) 569-5562  
 [bartzr@novachem.com](mailto:bartzr@novachem.com)  
 <http://www.ciug.ca/conference/conference.htm>

### **GITA 2001 GIS for Oil & Gas Conference**

**Organization:** Geospatial Information and Technology Association (GITA)

**When:** September 17-19, 2001

**Where:** JW Marriott Hotel, Houston (Texas), U.S.A.



 (303) 337-0513  
 [staff@gita.org](mailto:staff@gita.org)  
 [http://www.gita.org/events/conferences/oil\\_gas/01og/01oilgas\\_open.html](http://www.gita.org/events/conferences/oil_gas/01og/01oilgas_open.html)

### **GIS 2001 - GIS and Location Based Services**

**Organization:** Association for Geographic Information (AGI)

**When:** September 18-20, 2001

**Where:** Earls Court 2, London, England

 020 8987 8884  
 <http://www.iebusiness-2dforums.com/gis/2001/>

### **1º Congreso Nacional De Geomática**

**Organization:** Universidad de Guanajuato - Facultad de Ingenieros Topógrafos e Hidráulicos




**When:** September 19-21, 2001

**Where:** Hotel Gran Plaza, Guanajuato (Gto.), Mexique

Surveyors (MAPPS)

**When:** October 31-November 2, 2001

**Where:** St. Petersburg (Florida), U.S.A.



 (301) 493-0290 #106  
 [meetings@asprs.org](mailto:meetings@asprs.org)  
 [http://www.asprs.org/dem\\_conf\\_press\\_release.pdf](http://www.asprs.org/dem_conf_press_release.pdf)

### **Joint Workshop on Remote Sensing and Data Fusion over Urban Areas**

**Organization:** Institute of Electrical and Electronic Engineers and International Society for Photogrammetry and Remote Sensing

**When:** November 8-9, 2001


**Where:** Faculty of Engineering, University of Rome "La Sapienza", Rome, Italy

 [urban\\_2001@ele.unipv.it](mailto:urban_2001@ele.unipv.it)  
 [http://tlc.unipv.it/urban\\_2001](http://tlc.unipv.it/urban_2001)

### **MapWorld 2001 Worldwide Conference**

**When:** November 10-15, 2001

**Where:** Renaissance Orlando Resort à SeaWorld, Orlando (Florida), U.S.A.



 (518) 285-7411  
 [conferences@mapinfo.com](mailto:conferences@mapinfo.com)  
 <http://www.mapinfo.com/company/events/conferences/index.cfm>

### **Geography Awareness Week**

**Organization:** National Geographic Society

**When:** November 10-17, 2001




**Where:** See the list of events on the Web site

 [gaw@nationalgeographic.com](mailto:gaw@nationalgeographic.com)  
 <http://magma.nationalgeographic.com/education/gaw/about.html>

### **GIS Day 2001 (Open House on GIS)**

**When:** November 14, 2001

**Where:** See the list of events on the Web site




 (01-4) 732-18-13  
 victor@quijote.ugto.mx  
 <http://usic13.ugto.mx/geomatica>

### 13th ISU World Congress

**Organization:** International Stereoscopic Union (ISU)

**When:** September 19-24, 2001

**Where:** Sydney (NSW), Australia




 +61 (2) 9484-9756  
 dstuckey@acay.com.au  
 <http://www.isu2001.conf.au/sydney/index.htm>



### 2001 ASLA Annual Meeting and EXPO

**Organization:** American Society of Landscape Architects

**When:** September 21-24, 2001

**Where:** Montreal (Québec), Canada

 (202) 898-2444  
 Jbrown@asla.org  
 <http://www.asla.org/meetings/am2001/mtghighlts.htm>




 sitemanager@gisday.com  
 <http://www.gisday.com>

### Remote Sensing for Transportation Conference

**When:** December 3-5, 2001

**Where:** Washington, D.C.

**Information:** Thomas Palmerlee,  
Transportation Research Board

 (202) 334-2907  
 tpalmerl@nas.edu  
 <http://www4.nationalacademies.org/trb/calendar.nsf>

## 2002

### 2002 GITA Annual Conference XXV

**Organization:** Geospatial Information and Technology Association (GITA)

**When:** March 17-20, 2002

**Where:** Tampa Convention Center, Tampa (Florida), U.S.A.

 (303) 337-0513  
 [staff@gita.org](mailto:staff@gita.org)  
 [http://www.gita.org/events/conferences/gita\\_annual/02\\_25/02\\_25\\_open.html](http://www.gita.org/events/conferences/gita_annual/02_25/02_25_open.html)

### The 98th AAG Annual Meeting

**Organization:** American Association of Geographers (AAG)

### IGARSS 2002

International Geoscience and Remote Sensing Symposium

**Organization:** IEEE Geoscience and Remote Sensing Society

**When:** July 9-13, 2002

**Where:** Toronto (Ontario), Canada




 <http://www.igarss2001.org/>

### "Pattern Recognition for Mankind and the Environment"

16th International Conference on Pattern Recognition

**Organization:** International Association for


**When:** March 19-23, 2002  
**Where:** Los Angeles (California), U.S.A.

 (202) 234-1450  
 [gaia@aag.org](mailto:gaia@aag.org)  
 <http://www.aag.org>

### **2002 ASPRS-ACSM Annual Conference and FIG Congress**

**Organization:** American Society for Photogrammetry and Remote Sensing (ASPRS)

**When:** April 22-26, 2002  
**Where:** Washington (DC), U.S.A.

 (301) 493-0290 #106  
 [meetings@asprs.org](mailto:meetings@asprs.org)  
 <http://www.asprs.org/asprs/meetings/upmeeting.html>  
 <http://www.fig2002.org>

### **"GeoSpatial Theory, Processing and Applications"**

#### **Spatial Data Handling 2002**

Symposium of Commission IV

**Organization:** International Society for Photogrammetry and Remote Sensing (ISPRS)



95<sup>th</sup> Annual CIG Conference 2002

**When:** July 9-12, 2002  
**Where:** Ottawa (Ontario), Canada

 (613) 224-9851  
 [exdircing@netrover.com](mailto:exdircing@netrover.com)  
 <http://www.geomatics2002.org>

Pattern Recognition and Canadian Image Processing and Pattern Recognition Society

**When:** August 11-15, 2002  
**Where:** Convention Centre, Québec City (Québec), Canada

 (418) 656-2979  
 <http://icpr2002.gel.ulaval.ca/>

### **URISA 2002 Annual Conference**

**Organization:** Urban and Regional Information Systems Association

**When:** October 26-30, 2002  
**Where:** Chicago (Illinois), USA


 <http://www.urisa.org/annual.htm>

### The 99<sup>th</sup> AAG Annual Meeting

**Organization:** American Association of Geographers (AAG)

**When:** March 4-8, 2003

**Where:** Nouvelle-Orléans (Louisiane), U.S.A.

 (202) 234-1450

 [gaia@aag.org](mailto:gaia@aag.org)


 <http://www.aag.org>

### 2003 GITA Annual Conference XXVI

**Organization:** Geospatial Information and Technology Association (GITA)

**When:** March 23-26, 2003

**Where:** Kansas City Convention Center, Kansas City (Missouri), U.S.A.

 (303) 337-0513

 [staff@gita.org](mailto:staff@gita.org)


 [http://www.gita.org/events/conferences/gita\\_annual/futconf.html](http://www.gita.org/events/conferences/gita_annual/futconf.html)

### 2003 Annual ASPRS Conference

**Organization:** American Society for Photogrammetry and Remote Sensing (ASPRS)

**When:** May 3-9, 2003

**Where:** Anchorage (Alaska), United States

 (301) 493-0290 #106

 [meetings@asprs.org](mailto:meetings@asprs.org)

 <http://www.asprs.org/asprs/meetings/upmeeting.html>

### IFS Working Week and XXVI General Assembly

**Organization:** International Federation of Surveyors

**When:** May 19-23, 2003

**Where:** Eilat, Israel


 <http://www.ddl.org/figtree/events/events2003.htm>

### 21st ICA International Cartographic Congress

**Organization:** International Cartographic Association (ICA)

**When:** August 10-16, 2003

**Where:** Durban, South Africa

 31 30 2531373

 [f.ormeling@geog.uu.nl](mailto:f.ormeling@geog.uu.nl)

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

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JUNE- JULY - AUGUST 2001



Article

## Geomatics on the Agenda at the Montreal Conference

by Luc Gravel



The [Montreal Conference](#) was held on April 17 to 20 at the Queen Elizabeth Hotel. This international forum on the new economy was attended by more than 1,300 people from both Canada and abroad. Some participants were members of financial, political and business elites from the four corners of the Americas. The Conference, held just three days prior to the Québec Summit, was in fact the Summit's economic component. This year, its theme was the creation of a free trade zone between the Americas. The Ministère des Ressources naturelles made its contribution to the Conference, by organizing a geomatics seminar. The seminar provided an excellent opportunity for representatives of Québec's public and private sectors to inform foreign delegations of their expertise in the field of geomatics.

More than a hundred panellists were involved in a range of forums, seminars and plenary sessions on training, export financing, energy management, geomatics, environmental protection methods, e-commerce, the Internet, tax fairness and the role of banks. The seminar organized by the Ministère des Ressources naturelles, entitled "Geomatics and Geographic Information Systems at the Service of Land and Natural Resource Management", brought together several panellists, including the following:

- Denis Brière, Dean of Laval University's Faculty of Forestry and Geomatics, who was the session moderator;
- Jean-Paul Beaulieu, Québec's Deputy Minister of Natural Resources;
- Serge Kéna-Cohen, President of the GéoIntégra Consortium, Montreal;
- Javier Molina Cruz, Manager of the United Nations Food and Agriculture Organization (FAO) Americas and Caribbean office, Santiago, Chile;
- Paul Trapido, specialist in state modernization processes, Inter-American Development

Bank (IDB), Washington, USA.

The seminar highlighted the importance of building versatile geographical databases to help countries enhance their knowledge of land-based resources. The presentations illustrated Québec's expertise in geomatics applications, especially in the sectors of cadastral reform, mining exploration, forest surveying and integrated geographical data management. The IDB and FAO representatives then talked about the importance of geomatics in projects such as tax and cadastral reforms, now considered essential by many local, regional and national governments south of the Rio Grande. The fiscal cadastre has proved to be a vital tool, especially in formulating fair taxation systems. It could also be used as a basis for the urgent agrarian reforms required in many countries.



***Moderator and speakers at the seminar entitled "Geomatics and Geographical Information Systems at the Service of Land and Natural Resource Management". In order: Paul Trapido, state modernization process specialist with the Inter-American Development Bank; Javier Molina Cruz, Manager of the FAO Americas and Caribbean office; Denis Brière, Dean of Laval University's Faculty of Forestry and Geomatics, who was the seminar moderator; Serge Kéna-Cohen, President of the Géolntégra Consortium; and Jean-Paul Beaulieu, Québec's Deputy Minister of Natural Resources.***

Many foreign delegates also visited the MRN kiosk, where they were given information on geomatics applications for mining title management (GESTIM), ecoforest information (via the SIEF system), automated multi-scale geographical database processing and public land management.

The event constituted the first step in the creation of a network comprising managers of private geomatics firms in Québec, Québec government geomatics experts and the managers of international financial institutions providing funding for land information projects. Indeed, the MRN's representatives were able to establish business contacts with the United Nations Food and Agriculture Organization (FAO) and the Inter-American Development Bank. The FAO funds international projects in the fields of agriculture, forestry, fisheries and rural

development, while the IDB concentrates on projects supporting social and economic development in Latin America. The discussions were concerned with knowledge transfer, management support for projects affecting territorial management, and technology transfers. The Conference also helped raise awareness among international decision-makers of Québec's expertise in land and title management.

Next year, the theme of the Montreal Conference will be multilateral Europe-Americas relations. Many of its activities will address issues related to enhanced Web-based government services, from telemedicine to distance education. On-line services to citizens, based on geographical information, will also be on the agenda. The Conference will be held shortly before the G-8 meeting in June 2002.

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