



CALL FOR ABSTRACTS



CRSS/ASPRS 2007 SPECIALTY CONFERENCE

**Our Common Borders —
Safety, Security and the Environment through Remote Sensing**

WESTIN HOTEL OTTAWA

OCTOBER 28 - NOVEMBER 1, 2007 • OTTAWA, CANADA

CO-ORGANIZERS:





CRSS/ASPRS 2007 Specialty Conference

The American Society for Photogrammetry & Remote Sensing (ASPRS) and the Canadian Remote Sensing Society (CRSS – a society member of the Canadian Aeronautics and Space Institute) are organizing an exciting conference around the theme of *Our Common Borders - Safety, Security and the Environment through Remote Sensing*. This conference will showcase mapping, imaging techniques and associated remote sensing projects in both countries that are promoting and enhancing cross-border geospatial cooperation, particularly in the areas of: U.S. and Canadian contributions to the Global Earth Observation System of Systems (GEOSS) and the Integrated Ocean Observing System (IOOS), cross-border environmental and spatial data infrastructure work, homeland security, and the International Joint Commission.

ASPRS and CRSS invite you to join them in highlighting Canadian and U.S. remote sensing and geospatial technology, applications and projects, including those of ASPRS Canadian members. The meeting will provide a forum in which the organizations working in these and other areas can advance their work for the benefit of the public, private and academic sectors in both nations. The focus of the conference is placed on cross-border activities and programs with an emphasis on advancing current U.S./Canadian collaborations and to examine potential opportunities to enhance and expand those activities in the future. The conference will assist both U.S. and Canadian practitioners to demonstrate their projects, generate input, and gain the support of their international counterparts. The intent of the conference program is to develop and advance remote sensing communications across our borders to:

- ❖ Establish and build strategic partnerships, both internationally and among government, academia, and industry.
- ❖ Develop and establish key contacts within the international remote sensing community to share ideas, techniques and expertise across borders.
- ❖ Develop support for border-related activities within the practitioner's own organization or beyond.
- ❖ Raise the profile of important U.S./Canadian international, environmental, and border security-related issues.

The conference will offer a mix of general sessions, breakout technical sessions, and applications sessions. Interested participants are encouraged to submit an abstract of their presentations.

Cover image courtesy of Reto Stockli, NASA Earth Observatory.

Conference Highlights

- ❖ This conference seeks to bring together individuals in the remote sensing, mapping and GIS community who are interested in sharing cross-border activities and programs.
- ❖ A Job Board will be featured for students entering the profession and for those looking for new job opportunities.
- ❖ State-of-the-Art Workshops will be presented on topics such as Certification, Airborne Digital Mapping, Remote Sensing, GIS, Emerging Technologies, and more.
- ❖ An extensive Exhibit Hall will showcase the latest products and services in the field.

Conference

The CRSS/ASPRS 2007 Specialty Conference will be held from October 28 - November 1, 2007. The program will include Committee Meetings, Workshops, General Sessions, Technical Sessions, and Exhibits. The formal conference events will be held at the Westin Hotel Ottawa. See the Conference web site for more information as it becomes available.

www.asprs.org/ottawa07

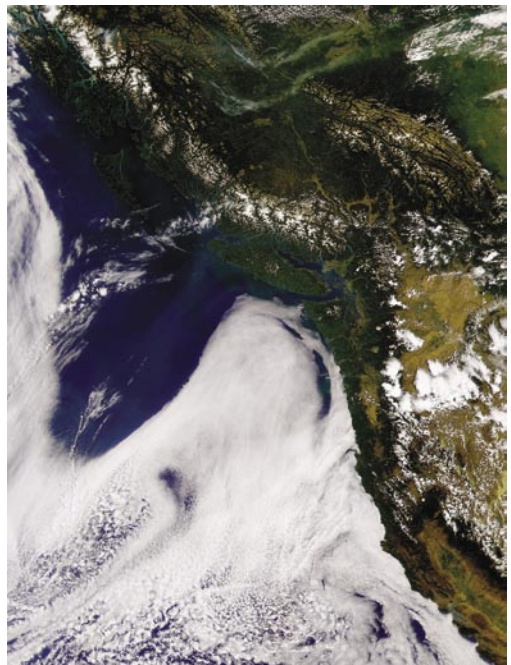
Who Should Submit Abstracts?

You – U.S. and Canadian participants involved in cross-border mapping and imaging activities, who can share current experiences, advance and develop plans for U.S./Canadian collaborations, and highlight Canadian remote sensing and geospatial technology and applications.

Who Should Attend?

All of the above plus managers and decision makers, security specialists, data users, and data providers – resource managers, land use planners, engineers, technologists and others in the imaging, mapping and GIS community who are interested in sharing cross-border activities and programs.

Image on opposite page courtesy of Thousand Island Bridge Authority. This page, courtesy of the SeaWiFS Project, NASA Goddard Space Flight Center, and ORBIMAGE.



Topic Areas

Submission of abstracts is encouraged on the following topics relevant to this conference. Please indicate, from the list below, which topic area is most appropriate for your presentation. Poster and video presentations are also highly encouraged and will be featured throughout the conference. These presentations are for technical work only and are not intended for commercial displays.

1. Group on Earth Observations (GEO)/Global Earth Observation System of Systems (GEOSS)
 - 1.1 International GEO/GEOSS activities
 - 1.2 Canadian and U.S. contributions to the nine GEOSS Societal Benefit Areas, including reducing losses from natural and human-induced disasters; improving water resource management; improving weather information, forecasting and warning; management and protection of terrestrial, coastal and marine ecosystems; and understanding, monitoring and conserving biodiversity.
2. Integrated Ocean Observation System (IOSS) – (U.S.)
 - 2.1 Great Lakes Observing System – GLOS
 - 2.2 Gulf of Maine Ocean Observing System – GOMOOS
3. Cross-Border Environmental Activities
 - 3.1 U.S. Environmental Protection Agency (EPA)
 - 3.2 International Joint Commission (IJC) Boundary Water
 - 3.3 Environmental issues for both countries
4. Treaty Compliance
5. Homeland Security
 - 5.1 Public Security Technical Program (PSTP) – (U.S./Canada)
 - 5.2 Maritime Domain Awareness (U.S./Canada)
 - 5.3 Common Operating Picture
 - 5.4 Cross Border and Homeland Security Infrastructure Programs (CBIP and HSIP) – U.S./Canada
 - 5.5 Geographic Information System (GIS) for the Nation – U.S.
6. Committee on Earth Observation Satellites (CEOS)
 - 6.1 Canadian and U.S. contributions to the CEOS programs
 - 6.2 CEOS Technical Work Group Meetings (may be organized as part of the conference)
7. Data Development Activities
 - 7.1 IJC Boundary Commission Mapping
 - 7.2 Orthoimagery – including cross U.S./Canadian border initiatives
 - 7.2.1 U.S. National Digital Orthophoto Program (NDOP), Imagery for the Nation, and State efforts
 - 7.2.2 Ontario Ortho Programs
 - 7.2.3 Digital Imagery Calibration & Validation
 - 7.2.4 Digital Image Processing
 - 7.3 Land Use/Land Cover (LU/LC) – including cross U.S./Canadian border initiatives
 - 7.3.1 U.S. National Land Cover Data (NLCD)
 - 7.3.2 Ontario LULC Programs
 - 7.3.3 GLOS LULC
8. Spatial Data Infrastructure (SDI)
 - 8.1 Global SDI
 - 8.2 Canadian SDI – GeoConnections, Geomatics Canada
 - 8.3 U.S. National Spatial Data Infrastructure (NSDI) – Federal Geographic Data Committee (FGDC) National Map, Geospatial One Stop

9. Standards and Policies Related to Geospatial Data Across North America
10. Technology
 - 10.1 Lidar
 - 10.2 RADARSAT
 - 10.3 Inertial Measurement Units
 - 10.4 Web-based Data Services and Sharing
 - 10.5 Monitoring Technology
 - 10.6 Simulation

Submission of Abstracts

Abstracts should be submitted electronically only, using the form shown on the conference web site, www.asprs.org/ottawa07. Presenters will be asked to select their category and topic area from a list provided on the web site.

Abstract final deadline date: March 2, 2007

Notice of acceptance: May 31, 2007

Proceedings deadline: September 4, 2007

Abstracts are limited to 250 words and must include:

- ❖ Paper Title
- ❖ 3 - 5 key words
- ❖ Author Name(s)
- ❖ Proposed Presenter(s)
- ❖ Affiliation(s)
- ❖ Mailing Address
- ❖ Phone, Fax, and E-mail for ALL authors and presenters

NOTE: Those that cannot use the on line abstract form should send abstracts to the Technical Program Co-chairs:

Carolyn Merry

The Ohio State University
merry.1@osu.edu
or

Monique Bernier

Institut national de la recherche scientifique
Monique_Bernier@ete.inrs.ca

Please include ASPRS/CRSS in the subject line of all e-mail communications.

Selection Criteria

All abstracts will be reviewed for content and appropriateness. The final decision on program and inclusion of topics will depend on response to this call and space availability. By May 31, 2007, all authors who submitted abstracts will be notified regarding acceptance by the Technical Program Co-chairs for this conference. After May 31, 2007, if an author who submitted an abstract has not received notification of whether the abstract has been accepted, the author should contact the Technical Program Co-chairs. Upon notification of acceptance, authors must acknowledge receipt of the acceptance letter by e-mail indicating their guarantee to present at the conference.

All Technical Paper and Poster Presenters, along with Moderators, are REQUIRED TO PRE-REGISTER at the appropriate FULL REGISTRATION RATE. This registration is required **within 60 days of the e-mail notification** that their oral or poster abstract is accepted by the Technical Program Chairs. Presenters who register for Daily Registration must register at the appropriate Daily Registration Rate. There are no rebates for Speaker Daily registrants.

Presenters who actually present their OWN technical paper(s) or poster(s) at the conference will receive a rebate reflecting the difference of the Full Registration Rate and the appropriate Speaker Registration Rate. This rebate will be issued within 30 business days after the conference. If someone other than the person who received the notice of acceptance presents the technical paper or poster, they too must register at the appropriate Full Registration Rate and will receive the appropriate rebate after the conference IF they attend the conference AND actually make the presentation. FAILURE TO PRE-REGISTER WITHIN THE PRESCRIBED TIME LIMIT WILL RESULT IN THE PAPER BEING REMOVED FROM THE CONFERENCE PRELIMINARY PROGRAM AND PROCEEDINGS.

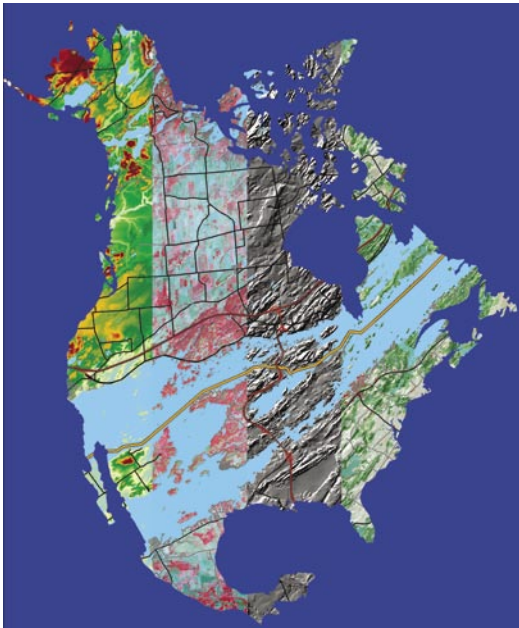
PRESENTERS WHO CANCEL AFTER THEY HAVE REGISTERED AND PAID THE REGISTRATION FEE WILL NOT RECEIVE A REFUND OR REBATE.

ASPRS Workshop Proposals

ASPRS will sponsor workshops on Monday, October 29 and Tuesday October 30, 2007. These workshops are intended to be educational and not for the promotion of vendor software or hardware. Workshops should be impartial and cover a wide range of commercial sources even if a specific commercial vendor employs the instructor. Workshops can be taught as either half-day (4 hour) or whole-day (8 hour) courses. Workshops may not have more than two paid instructors. If there is more than one instructor, only one instructor will be the point of contact for the workshop.

Anyone wishing to propose a workshop for presentation (this would be the person who would be the instructor) must provide the following information to the ASPRS National Workshop Director Russ Congalton at 603-862-4644 or russ.congalton@unh.edu by March 2, 2007:

- ❖ Workshop title
- ❖ 500-word abstract describing the content of the workshop (half or whole day)
- ❖ The goals/objectives of the workshop
- ❖ The intended audience of the workshop including whether it is introductory, intermediate, or advanced material
- ❖ Name(s) of instructor(s)
- ❖ Instructor(s) vita(e)
- ❖ Whether this is an established or newly developed workshop and whether the instructor(s) have given this workshop in the past
- ❖ If it is an established workshop, provide a copy of the most current workbook/materials



All workshop proposals will be considered for this meeting and the ASPRS National Workshop Director will notify those selected for inclusion in the Workshop Program.

In addition to considering new proposals, the Workshop Director will recruit additional workshops to complete a well-balanced program, minimizing subject overlap and maximizing the quality of the overall Workshop Program. ASPRS reserves the right to cancel any workshop that does not have sufficient enrollment 30 days prior to the start date.

Image courtesy of Central New York Region of ASPRS.



OTTAWA!

As the Capital of Canada, Ottawa offers visitors from around the world attractions not found anywhere else. The majestic Parliament Buildings and their beautiful setting on a 100-foot cliff above the Ottawa River are probably the most popular and important man-made tourist attractions in Canada. Ottawa is home to 29 museums where the country's past, present and future achievements can be seen.

Ottawa is situated in a beautiful natural setting filled with dozens of parks and surrounded by wilderness. It is a very green, clean city.

All conference events will be held in The Westin Ottawa Hotel, a full service, four-diamond property, ideally located in the heart of the city. The Westin overlooks Parliament Hill, the historic Byward Market and scenic Rideau Canal and is connected by indoor walkways to the Rideau Center shopping complex.

The Ottawa International Airport, with service by all major carriers, is located a short 15 minute drive from The Westin Hotel and all the downtown attractions.

PASSPORTS REQUIRED -- PLEASE NOTE:

Beginning January 23, 2007, ALL persons, including U.S. citizens, traveling by AIR between the United States and Canada, will be required to present a valid passport, Air NEXUS card, or U.S. Coast Guard Merchant Mariner Document.

For more information about travel requirement, visit http://travel.state.gov/travel/cbpmc/cbpmc_2223.html. Please check the U.S. Department of State web site <http://travel.state.gov/passport> for the latest requirements and instructions on how to obtain a U.S. passport.

Image courtesy of the Ottawa Tourism.



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Bethesda, Maryland 20814

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American Society for
Photogrammetry &
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