Registration
6:30 am to 5:30 pm
Level Four — Westin Ottawa Hotel

Presenters Room
8:00 am to 5:00 pm
Room: New Brunswick

WS#6 — ASPRS
Remote Sensing of Vegetation

Charles Olson, Professor Emeritus, *University of Michigan*, USA

8:00 am to 12:00 noon, CEU .4
Room: Alberta

INTRODUCTORY Workshop: Anyone involved in crop, forest or land-use monitoring, geo-botanical prospecting and/or modeling of energy upwelling from terrestrial features. No prior knowledge of plant morphology or physiology is assumed.

The goal of this workshop is to provide an examination of morphologic and physiologic factors affecting signals upwelling from vegetated areas and their influence on remotely sensed data in the visible, near-IR, middle-IR, thermal and microwave, with emphasis on the interaction of solar radiation with vegetation. No attempt is made to cover the many vegetation algorithms or specialized "vegetation maps" currently available.

WS#7 — ASPRS
Lidar for Terrain Mapping and Forest Studies

Qi Chen, *University of California*, USA

8:00 am to 12:00 noon, CEU .4
Room: Ontario

INTERMEDIATE Workshop

The goal of this workshop is to introduce the basic concepts of lidar, the popular and innovative methods for lidar data processing and information extraction, with a focus on terrain mapping and forest studies. The attendants will learn 1) the principles of lidar systems, 2) the typical lidar systems, sensors, software, data, and applications, 3) the general procedure for processing airborne lidar data, 4) the popular and innovative methods for lidar data filtering and terrain mapping for both urban and vegetated areas, 5) an overview of methods for extracting forest information at the stand and individual-tree levels, 6) an introduction of ground-based lidar, 7) the application of satellite GLAS data for forest mapping, and 8) the remaining challenges of lidar data processing and the advices of finishing your Lidar projects.

WS#8 — ASPRS
3D Display of Imagery, Lidar, GIS and Google Earth: Wall-Sized Stereoscopic Displays for Research, Exploration and Education

Matthew Dunbar, *University of Kansas*, USA
L. Monika Moskal, *University of Washington*, USA

8:00 am to 12:00 noon, CEU .4
Room: Les Saisons

INTRODUCTORY Workshop

The main objectives of the workshop are to introduce the participants to modern large-format stereoscopic display technologies, provide information on how such a system can be purchased or built with easily available projection and computer equipment, and demonstrate how they may be utilized for remote sensing-based research, exploration and education. A wide range of topics related to modern stereoscopic displays will be covered, including the creation of stereo data, sources of existing stereo data, software for displaying stereo data (e.g., WallView, StereoPhoto Maker, StereoMovie Maker, and ArcGIS), and the specific hardware required for stereoscopic viewing. Focused attention will be given to Lidar data display in stereo using free Lidar exploration software (FUSION) and operating Google Earth in stereo using a 3D navigation device. A stereoscopic projection system will be used throughout the workshop and participants will receive a workbook containing a variety of materials related to modern stereoscopic displays along with sample datasets and software on a data CD.

WS#9 — CRSS
Crafting Geospatial Data Policy to Satisfy Multiple Objectives

Dr. Robert Ryerson, CMS, FASPRS, *Kim Geomatics Corporation*, Canada
Dr. Stan Aronoff, *Kim Geomatics Corporation*, Canada

8:00 am to 12:00 noon
Room: Quebec

INTRODUCTORY Policy Oriented Workshop

This workshop will examine critical issues involved in developing policies for the distribution and use of geospatial data. Experience has shown that the way data policies are crafted affects the rate of development of local industry, the quantity and quality of public good activities undertaken using the data, returns and cost implications for the data provider, and the downstream financial returns from the use of geospatial data. Balancing these sometimes competing objectives is challenging. The choices made will depend on the objectives of the organization and the mandate they are charged with fulfilling. In the case of national or government agencies, data policies are most effective when they are in alignment with well-defined objectives for the development of geospatial analysis capabilities that support government policy objectives.

Participants will be asked to complete a short optional questionnaire beforehand to allow the workshop team to better address their needs.

Canadian Remote Sensing Society Annual General Meeting

12:00 noon to 1:00 pm
Room: British Columbia

Agenda

1. Introduction / Call to Order
2. Report of the CRSS Chair and Executive Committee
3. Report of the Editor of the *Canadian Journal of Remote Sensing*
4. Report of the Students Representative
5. Expansion of the Membership
6. Plans and Suggestions for Future Symposia and Workshops
7. Nomination and Election of Officers
8. Other Business
9. Adjournment

A light lunch will be served.

Open to all CRSS Members