



Committee on Earth Observation Satellites

Building Awareness: Partnership with WGCapD – Public Health Workshop

Guy Aube, Canadian Space Agency

Agenda Item # 36 CB-11

CEOS 6th Working Group for Capacity Building & Data

Democracy (WGCapD)-6 Annual Meeting

DLR Oberpfaffenhofen, Germany

27th-29th March, 2017

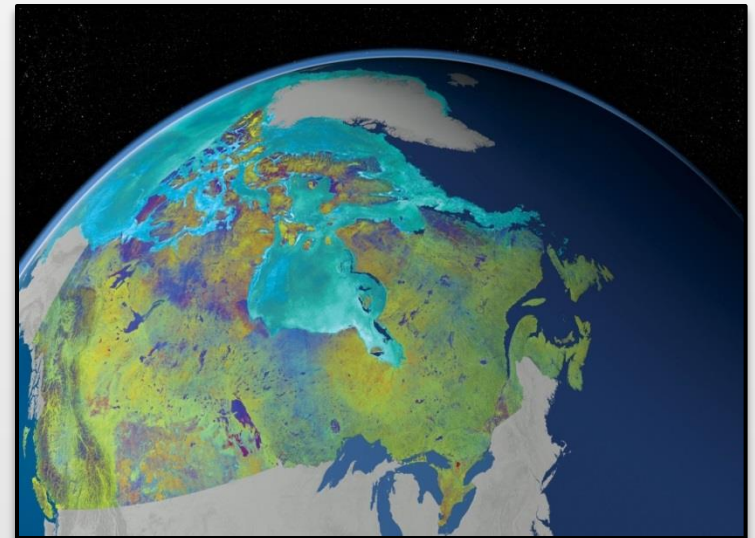
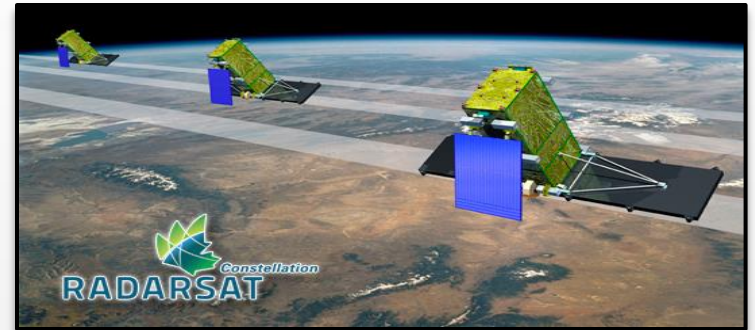




Canadian Space Agency: 2016-17 Summary

CSA's Earth Observation (EO) capacity building activities with federal departments in Canada

- Support to government organizations, incl. Public Health Agency Canada (PHAC)
- EO applications development program, with industry and government departments

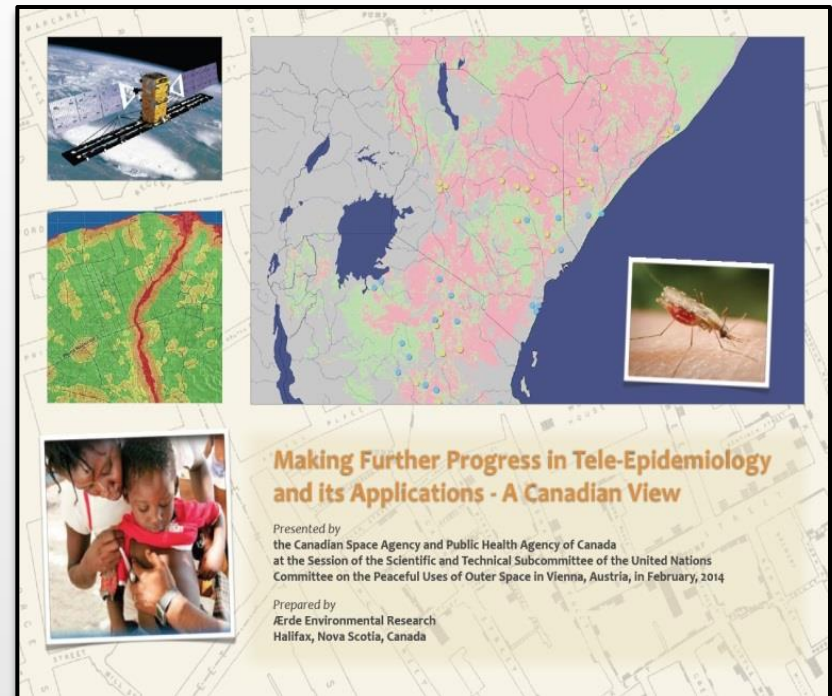




Canadian Space Agency: 2016-17 Summary

Focus on WGCapD and related Health Theme – Past Activities

- EO and Tele-epidemiology review for UN-Committee on the Peaceful Uses of Outer Space
- Joint Project with Public Health Agency Canada (PHAC) on environmental health determinants
- *Living Planet* Workshop in Prague “Tele-epidemiology & Public Health”





CSA / PHAC Tele-Epidemiology Session, Prague 2016: First time a *Health & EO* theme was part of this symposium

living planet symposium 2016

PROGRAMME OVERVIEW

DAY 1 – MONDAY 9 MAY 2016

	Small Hall	Meeting Ia	Meeting Ib	Panorama	Meeting IV	Meeting V
8:30 – 9:30	Observing Oceans from Space	Advances in Solid Earth and Geodetic Research Driven by Data of Recent Satellite Missions	Achievements of EO of the Cryosphere and Future Challenges	State of the Art in Earth Observation – Land Application		
10:30 – 12:00	1.0.2 Opening Session (Congress Hall)					
14:00 – 15:40	1.1.3 EC DG RTD – ESA EOP Strategic Cooperation on Research & Innovation	1.2.3 Swarm	1.3.3 CRYOSAT User Workshop 1	1.4.3 Thematic Exploitation Platforms 1	1.5.3 Coastal Zones 1	1.6.3 Mainstreaming the use of EO for International Development
15:40 – 16:10	Coffee Break					
16:10 – 18:00	1.1.4 Copernicus Overview	1.2.4 Earth Interior I: Core & Mantle	1.3.4 CRYOSAT User Workshop 2	1.4.4 Thematic Exploitation Platforms 2	1.5.4 Coastal Zones 2	1.6.4 Tele Epidemiology and Public Health Applications
	Social event					





Canadian Space Agency: 2016 Activities

WGCapD Workshop in Quebec City (with int. partners): Civil Security & EO

- Organizers and nine partner organizations
- Scope: understand risks, prevent disasters and mitigate impacts with EO services
- Virtual participation, *Open Education Resources (OER)
- 11 presentations, ~120 participants
- Two sessions and discussion panels
- Certificate of participation



CEOS Committee on Earth Observation Satellites

WGCapD: Civil Security & EO Workshop

Event Dates: October 28th - 29th, 2015

Civil Security: Understanding the Risks, Preventing Disasters, and Mitigating the Impacts with Earth Observation (EO) Applications and Services

Quebec City, October 28, 2015

National security is one of the engines of Canada's activities in space. In recent years, the Canadian Space Agency (CSA, a CEOS Member Agency) advanced the field of civil security and disaster risk management in Canada through partnerships with industry, universities, and government. These partnerships focus on the needs of organizations working in the civil security field and promote the integration of operational Earth observation (EO) technologies and services, including data processing, methods, applications, demonstrations, and more. These innovations and solutions help us better understand disaster risks and mitigate the consequences of disasters, such as floods, forest fires, landslides, water pollution, train accidents, and coastal storms.

<http://ceos.org/meetings/civil-security-and-EO-workshop/>

Civil Security: Understanding the Risks, Preventing Disasters, and Mitigating the Impacts with Earth Observation (EO) Applications and Services

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This workshop took place in the XVI Congress of the Quebec Association of Remote Sensing (AQRT) on October 28, 2015, as part of the CEOS Working Group on Capacity Building & Data Democracy (WG) Management.

Workshop Goals

- To provide an update of EO missions and tools available to improve our understanding of disaster risks, prevention, and response
- To demonstrate existing regional applications of satellite Earth observations and relevant services in the civil security field
- To increase our knowledge about civil security as it pertains to disaster management

L'AQRT
L'ASSOCIATION QUÉBÉCOISE DE TÉLÉDÉTECTION

Certificat de participation

a participé avec succès à l'atelier de formation

« Sécurité civile : connaître les risques, prévenir les sinistres et atténuer les conséquences grâce aux applications et services d'observation de la Terre »

Durée: 4 heures, Québec, 29 octobre 2015.

Signatures: Sylvie Desautels (Présidente de L'AQRT), Guy Aubin (Président du comité organisateur), Hilda Ferreira (Instituto Nacional de Pesquisas Espaciais, L'INPE, WGO-CAPD)

[*http://wiki.obt.inpe.br/doku.php?id=workshop-quebec](http://wiki.obt.inpe.br/doku.php?id=workshop-quebec)



WGCapD-6 Annual Meeting 2017
DLR Oberpfaffenhofen, Germany
27th-29th March 2017



Canadian Space Agency: 2017 Activities

WGCapD workshop in Canada (with international experts)

- *One Earth – One Health: Contribution of Satellite Earth Observation to Public Health Practices*
- Expand on several scenarios of EO applications in public health, e.g. vector-borne diseases, vulnerable populations, health emergencies
- Report & recommendations on EO-related strategies for Public Health Agency

ONE EARTH ONE HEALTH Contribution of Satellite Earth Observation to Public Health Practices

UNE PLANÈTE UNE SANTÉ Contribution des satellites d'observation de la Terre aux pratiques en santé publique

Le 21 juin 2017 | June 21, 2017
Sommet 2017 Observation de la Terre | Earth Observation Summit 2017

Université du Québec à Montréal
Montréal, Canada

<http://ceos.org/meetings/wgcapd-one-earth-one-health-workshop/>



CEOS Committee on Earth Observation Satellites

CEOS Meetings: WGCapD One Earth – One Health...

WGCapD One Earth – One Health Workshop
Event Dates: June 21st - 23rd, 2017

The CEOS Working Group on Capacity Building & Data Democracy (WGCapD) is co-organizing the "One Earth – One Health Workshop: Contributions of Earth Observations (EO) to Public Health Practices" which will take place during the 2017 Earth Observation Summit in Montreal, Canada, on June 21, 2017.

The workshop will unfold in three sessions:

- 8:00 to 12:00 - One Earth One Health: Presentations by national and international committees on current EO applications, tools, & solutions for public health issues.
- 1:00 to 4:00 PM - Problem Solving using Scenarios: Discussion of different scenarios related to five public health themes (vector-borne, & air borne diseases, vulnerable human populations, and emergency management).
- 4:00 to 5:00 PM - Discussion on the Scenarios & Upcoming Report: Report preparation on potential EO contributions to public health practices.

You may attend the entire Workshop in Montreal. Additionally, Session 1 of the Workshop (8:00AM - 12:00PM EST) will be made freely available to virtual attendees via GoToMeeting.

Workshop presentations will address a variety of themes, including vector-borne & air-borne diseases, vulnerable human populations, emergency management, and more.

If you would like to virtually participate in the first session of this workshop (see GoToMeeting), please fill out and email this form to: nicola.ferrero@ceos.org by 5:00 AM on June 20th at 10:00 AM EDT.

(Note: Participation in this workshop via the above form does not constitute registration for or participation in any other portion of the EO Summit.)



Thank you!

Information:

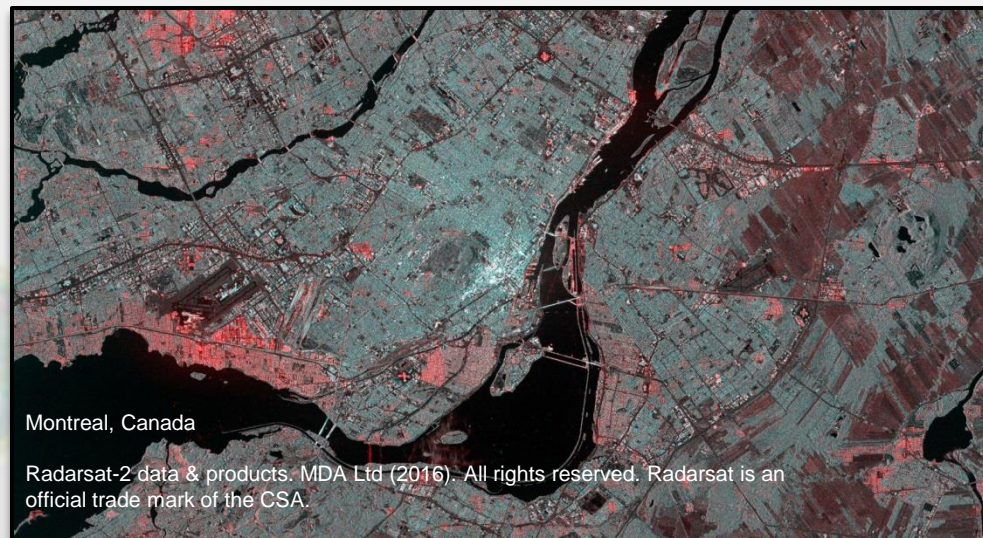
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www.sommetot2017-eosummit2017.ca



Montreal, Canada

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