Canada Forum Co-Chair Meeting

Minutes

November 29, 2018,

1300-1400

Attendees

* Andy Hoggarth
* Tom Landry
* Cameron Wilson
* Bradford Dean
* Trevor Taylor

Apologies

* Aurelian Constantinescu

Minutes

Update in the socialization of the Canada Forum

* GeoAlberta (Oct 28-31, Edmonton) - Gordon Plunkett from ESRI Canada presented during a 40-minute lunch session (the presentation upload to the Canada Forum portal project and linked to the wiki) **.**

**Main outcome;** what are the next steps for the forum?

* Geomatics Atlantic. (Nov 14 -16, Halifax) - Jeremy Nicholson form Teledyne-Caris introduced the forum, with a focus on the Marine domain, to a mixed audience of around 65 people, including many students. When asked, around 70% of the audience were not aware of OGC. This led to a discussion amongst the chairs about messaging, millennial expectations (e.g. “why use standards when I want to drag and drop, easy to implement with code samples provided?) and the need for plain language messaging, along with a focus on the on-going work in OGC to create implementer friendly standards, playbooks and user guides.

**Main outcome;** what are the next steps for the forum?

**Actions**

Andy to arrange to upload the Geomatics Atlantic Presentation

Trevor to add slides to the generic forum deck – what is OGC is why are standards relevant?

* Φ Week ESA (Phi Innovation lab, Italy, Nov 12-16) . Tom presented on Space 4.0 and mentioned the Canada Forum during Phi Week. Well attended (200 in person, 400 on-line). Few Canadian presentations. Talked about Testbed results ( ESA TEPS). Possibility for increased Canadian ESA/EU H2020 collaboration with the launch of the Radar sat Constellation next year. Tom mentioned that PQ has aggressive programs in place to assist in participating in, for example, H2020.

**Suggested Outcome** – The Canadian Community needs to improve promotion of Canadian Capabilities and advanced tech/innovations in the international marketplace to regain lost ground

* GEBCO/Seabed 2030 (Nov 13-15, Australia) Andy present twice during the GEBCO / Seedbed 2030 /Map the Gaps event s.GEBCO is 100 years old and is a partnership between Government and Science to create an accessible /operational terrain model of Oceans with a goal to improve resolution and fill in gaps of the model by 2030, inclusive of Volunteered Geographic Information (e.g. equipped commercial and private vessels altering nav plans to collect data). Also funded by the Nippon Foundation. Andy presented on OGC and activities, e.g. S121, Marine CDS, DGGS, during the Technical Committee meeting. The second 30 Min keynote included a talk that was 50% OGC , 50% Marine/maritime/CARIS trends and work. Also promoted the Singapore TC opportunity.

**Potential Opportunity:** Funded Pilot or testbed for Metadata Profile, 3D DGGS, relevant to the Arctic SDI work. GEBCO 2019 meetings were going to be in Canada but now moved to somewhere on the Eastern Seaboard.

* Arctic SDI Data Working Group (Data WG) ( Nov 29 Switzerland). – Simon Riopelle, NRCan, with support from Ingo Simonis, OGC presented during the polar summit, discussing Arctic SDI.

**Suggested outcome;** Leadership possibility for Canada in 2019 ?

Work Plan 2019

Potential Work items to present to the wider Canada Forum were discussed and refined, based on information collected from the community to date.

Government

* Actively plan Workshops with Treasury Board, regarding updating standards polic\. Will require improved messaging/value in plain language to influence TB to include more than WMS and ISO 19155 I (e.g. W\*S, Sensorthings) in the digital reset,.

The potential “ask” for forum members

Working as a group generate and execute a workshop with TB in the March/April time frame to influence the need for more standards

*[****Not discussed****: How about compliance and procurement language? PWGSC related]*

Universities/Research

* Limited discussion due to time constraints, but perhaps see if Mount Royal (Dr. Lynn Moorman) would be willing to share the STEM materials prepared for Highschool students or check in with Emmanuel Stefanakis, U Calgary about his online web mapping resources ?

Private Sector

* Work with government partners to revise efforts to showcase Canadian private sector geomatics capabilities for use in domestic /international markets (Team Canada).

The potential “asks” for forum members;

Schedule and participate in a “show me” innovation showcase as part of the OGC meetings in Banff, in September (expect around 150 people in a captive session from around the world).

Support the idea of reviving a trade mission at a selected international conference to bring advanced Canadian capabilities to the world. Andy mentioned the Blue Plant initiative, which has a Canadian prescience, which he did not know about in advance and it was too late to attend. Whatever is selected must be well identified in advance and be of interest to all sectors of the Canadian Community.

*[****Not discussed*** *– but could include thematic ( Climate Change, Smart Cities , Marine, SDI, floods, and disasters) and technology (Radar, Ship tracking, Sensors, Machine Learning/AI] approaches].*

* Develop an idea for a joint Canadian product or service offering. Tom mentioned that from a tech transfer/commercialization perspective, there are many programs available e.g. NRC – IRAP, NSERC, MITACS, CANARIE with a focus on Standards and Interoperability. Suggested a potential theme of Space 4.0 inclusive of in situ data sources and the IoT

The potential “asks” for forum members; create a group of interested organizations to expand on what this effort would look like.

Additional note

* Bradford mentioned he had been approached by an individual after introducing the Canada Forum at the Indigenous Mapping Forum (results report in previous minutes) to discuss opportunities for aboriginal entrepreneurs.

Indigenous

* Key outcomes from the NRCan sponsored user needs assessment, executed by Hatfield Consultants, for Indigenous communities including a clear need for a stack of data (and maybe tools) relevant to a community, and a need for first nation to first nation interoperability for data sharing and capacity building (capabilities within nations are highly variable) . Cameron mentioned that there may be a phase II to the sponsored project to create an exemplar “stack”, which we are due by Mar 31st, 2019.

The potential “ask” for forum members:

Taking the exemplar “Stack”, expand the program to produce more examples. Tom suggested that Northern PQ use case be considered ( Road)

***[Not discussed;*** *with the goal to encourage first nations to help maintain and build future stacks ? ]*

* Work to Establish an Indigenous Geospatial Leadership Group , to meet at a summit during the OGC meetings in Banff, inclusive of NGOs (e.g. Red Cross volunteers, others). Potential topics could include; The Data Stacks, standards and interop, and sustaining the process, Nation to Nation collaboration for data sharing and capacity building, Unified requirements collection, relationship building etc.

*[****Not discussed;*** *There may be an OGC meeting in Montreal in 2020, which could provide an opportunity to ensure there is a second meeting]*

Canada Forum Calendar

* Plan for a mid-January meeting of the wider forum to report out on work done to date, and , with refinement, present the :”asks”
* Considered planning a remote and face to face Canada Forum meeting timed to coincide with the TB workshop
* Plan a Canadian Forum Summit in Banff

Next Meeting

* Send a Doodle to determine next meeting the week of December 17th, for 2 hours [Done]