



Update on the Activities and Workplan of the ADC

Peter L. Pulsifer

Chair, IASC-SAON Arctic Data Committee

Co-Chair, IARPC Arctic Data SubTeam

Co-Lead,, GEO Cold Regions Initiative

Co-Chair, Canadian Polar Data Management Committee

PI, Exchange for Local Observations and Knowledge of the Arctic (ELOKA)

Research Scientist, National Snow and Ice Data Center,
CIRES, University of Colorado



National Snow and Ice Data Center
Supporting Cryospheric Research Since 1976

2016-2017 Activities

Early 2016

- Follow up and reporting on Polar Data Forum II (PDC/CCIN, NSIDC, Waterloo Canada)
- ASSW – AOS 2016
 - Pulsifer keynote talk on data and work of the ADC
 - Contribution to organization of AOS and “statement”
- Joined with IARPC in organizing “Town Hall” meeting
- Confirmed importance of interoperability and a plan for workshop

AOS 2016 Conference Statement



[Click here to download a pdf copy of the AOS 2016 Conference Statement](#)

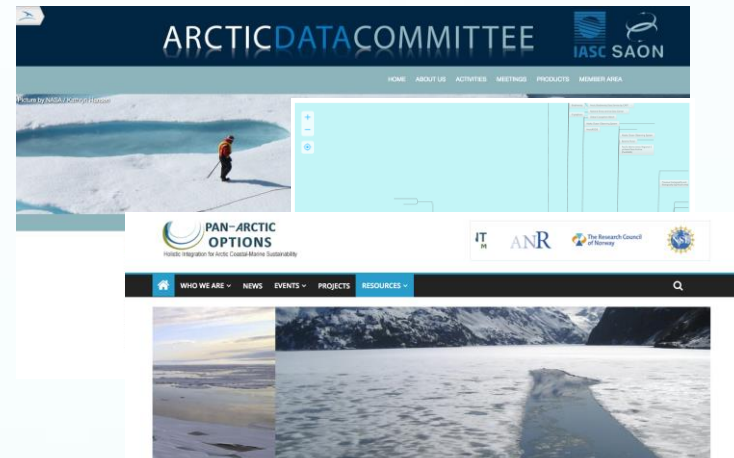
ARCTIC OBSERVING SUMMIT 2016 - CONFERENCE STATEMENT

March 23, 2016

7. **Work**, through the IASC-SAON Arctic Data Committee, to develop a broad, globally connected Arctic observing data and information system of systems that is based on open access data and standards, in addition to recognizing and addressing ethical use and proprietary rights of Indigenous Knowledge and that delivers value to Arctic and global communities.

Arctic Data Ecosystem Initiative

- Nov. 2014 – Arctic Data Committee establishes *Mapping Arctic Data Ecosystem* initiative
- June 2016 – Complementary interests in *Pan-Arctic Options Project* (PAO) identified
- RESULT: PAO will lead initiative while sharing results with ADC, and many others (World Data Systems, Belmont Forum, CODATA, Research Data Alliance, SAON, EU-Polarnet)



Title:
Reports To:
Location:
FTE:

Postdoctoral Fellow (*Arctic Data e-Ecosystem Scientist*)
Professor Paul Arthur Berkman and Dr. Peter Pulsifer
Fletcher School of Law and Diplomacy, Tufts University
24 Months (with possible extension)

POSTDOCTORAL FELLOW *Arctic Data e-Ecosystem Scientist*

BACKGROUND OF FLETCHER SCHOOL OF LAW AND DIPLOMACY AT TUFTS UNIVERSITY

The Fletcher School is committed to educating in an inclusive and supportive environment that welcomes students regardless of national origin, religion or citizenship status. At The Fletcher School, for more than 80 years, we have tried to “know the world.” Our job is to prepare our graduates to be practitioners in every dimension of international relations: economics, finance, diplomatic history, politics, culture, security and many other disciplines. The challenges we face in this turbulent 21st century quite literally transcend borders – we must be ready to *connect* in every sense of the word.

We seek to build partnerships between nations, government agencies and the public/private sector in order to be ready to shape international issues and events. Our extensive network of graduates today serves in every venue in the global milieu – heads of state and government, political leaders in power and opposition, judges, diplomats, senior military officers, corporate leaders at every level, international bankers, and development officials. The Fletcher School

International Data Week (Sept 2016)

- With ADC & SCADM and members (e.g. WMO, AINA), co-organized session at SciDataCon 2016
- Participated in RDA meeting – founding member of Mapping the Landscape IG

[About](#)[Contact](#)[Programme](#)[Programme Committee](#)

Session Title: Sharing Across Scales and Domains: Polar Data in the Global System

Session Organisers: Peter Pulsifer, Anton Van de Putte, Taco de Bruin, Marten Tacoma, Øystein Godøy, Shannon Christoffersen Vossepoel

Session Description:

Session duration – 90 minutes per block, five speakers per block + discussion

Each speaker will have 15 minutes to present, including questions. We suggest 12 minutes of presentation and 3 minutes for questions. In the interest of fairness and to ensure that some time remains for broad discussion, the session chairs will strictly enforce time limits. This schedule should provide us with approximately 15 minutes for discussion towards the end of each sub-session as described below.

Session Chair(s): Peter L. Pulsifer, Anton Van de Putte, Taco De Bruin, Øystein Godøy, Marten Tacoma, Shannon Vossepoel,

Details

📅 Published: 23 August 2016

Interoperability Workshop and Assessment Process



7 - 10 November 2016

European Space Agency ESRIN
Via Galileo Galilei
Casella Postale 6400044 Frascati (Roma)
Italy

*** BE PART OF THE PROCESS - TAKE OUR BRIEF SURVEY ***

Related Events

- EU-PolarNet Task 3.3 Annual Meeting (Open) : Afternoon and evening of **November 7th** [Agenda](#)
 - Gathering **at 14:45** at the **Old Reception in Building 1**
- Interoperability Workshop: **November 8th, 9th** [Draft Agenda: Polar Connections Interoperability Workshop and Assessment Process](#)
 - Registration **from 8:30** at the reception desk close to the **Big Hall in Building 14**
- Third Meeting of the Arctic Data Committee (Open) : **November 10th** ([Draft Agenda](#))
 - Gathering **at 8:20** at the **Old Reception in Building 1**

Access to the ESRIN site is restricted to persons pre-registered using the online conference registration system, **presenting a print of the email sent on 2 November** and an original valid form of ID; as you are already registered, security has received your name on the list of participants for the conference. For security reasons, cars cannot be parked inside the ESRIN premises. A private parking area (open until 23:40) is available close to ESA/ESRIN in Via delle Perazzeta (Frascati) in front of the Train Station Tor Vergata.

Meeting Overview

- 3 combined meetings: EU-PolarNet, Workshop, ADC
- 60 participants from 17 countries
- Combination of thematic plenary and 'lightning' talks
- Most of the two days were working sessions
- Focus on practical outcomes
- Indigenous organization participation

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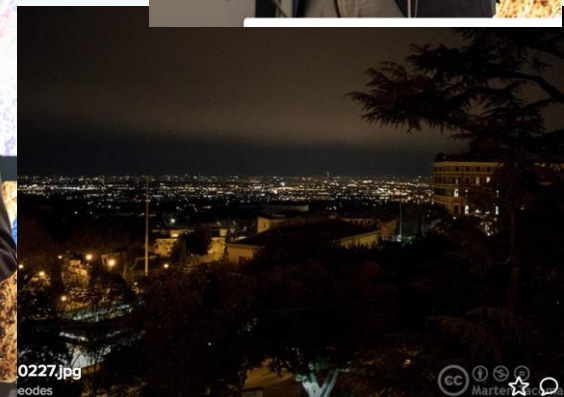
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by Eupeodes



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by Eupeodes

Themes

- Data Discovery and Documentation
- Data as a Service
- Social Sciences, Indigenous Knowledge, Community Based Observing
- Cloud Data and Computing Platforms
- Connecting to the Global
- Governance & Sustainability

Key Points

- Federated search a priority. Need for open protocols and tools.
 - Exploring Arctic Data Explorer, GeoNetwork, GEOCRI Community Portal (study underway in partnership with SOOS, NSIDC)
- Cloud/VRE is a strong emerging trend
- Indigenous participation critical – confirmation of formal representation on ADC
- Many others – presentation today, report pending

**main challenges today are social
and organizational rather than
technical**

**Includes “coordinating the
coordinators”**

2017-18 Workplan

- Mapping Arctic Data Ecosystem Initiative – postdoc
- Work with partners on promoting data publications and citation – esp. NIPR, JP: ISAR 5 session ; Polar Data Journal
- Network building: strengthen existing partnerships, + new
 - **GEOCRI, WMO, * INTAROS *, ESA, IARPC**
 - **Organizing AOS 2018**
- Specific initiatives

Focus Initiatives

- **Metadata Elements** (Canada lead): document and coordinate expertise, activities resources ; contribute to emerging GEOCRI Community Portal
- **Education and Training** (Joint with SCADM, SOOS, others): Development of materials and online training sessions in partnership with APECS ; contribution to POLAR 2018 session
- **Vocabularies** (ADC, IARP +): Establishment of vocabularies working group. In partnership with IARPC to start; engaging with RDA and broader community

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Priority

- Establish a clear path for working with GEO/GEOCRI
- Not only for ADC, but for SAON as a whole
- Discussions underway – opportunity to move forward between now and retreat?