



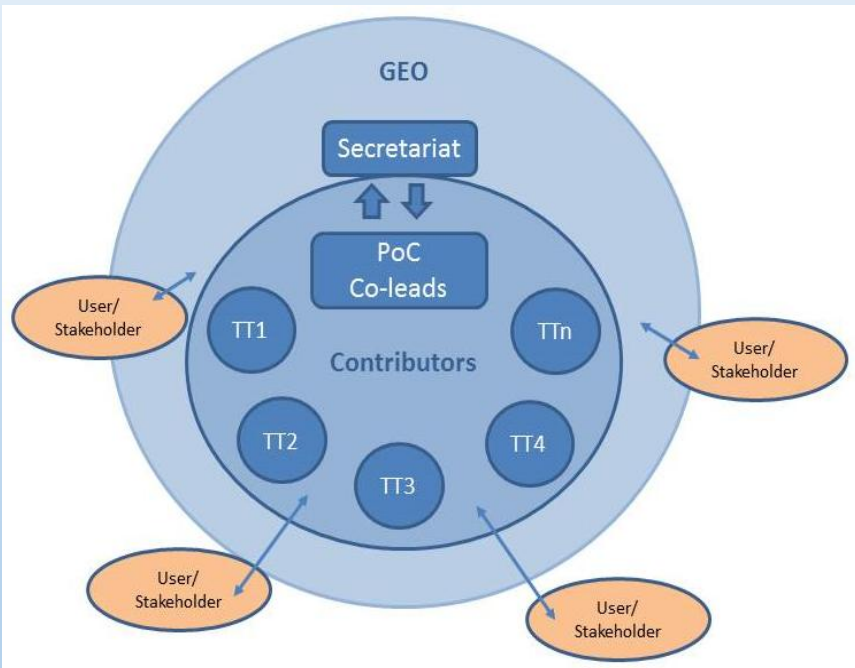
GEO Cold Regions Initiative (GEOCRI)

Hannele Savela, INTERACT/University of Oulu
GEOCRI co-leads team member

GEO Cold Regions Initiative (GEOCRI)

- Cross-cutting initiative
 - Geographic: Arctic, Antarctic, high-latitude oceans, Himalaya-Third Pole and High-Mountain areas
 - Domains: terrestrial, atmospheric, marine
 - Scales: from in-situ to remote sensing
 - Disciplines: from earth sciences to social sciences
 - SBA's
- Vision: provide coordinated Earth observations and information services across a range of stakeholders to facilitate well-informed decisions and support the sustainable development of the Cold Regions globally
- Mission: develop a user-driven approach for Cold Regions information services to complement the mainly science-driven efforts as part of GEOSS (Global Earth Observation System of Systems)

GEOCRI -Community



Countries

Canada
China
Chile
Finland
Germany
India
Italy
Japan
Netherlands
Norway
Spain
Sweden
Switzerland
United Kingdom
United States

Organisations/Projects

CAFF CBMP: Conservation of Arctic Flora and Fauna, Circumpolar Biodiversity Monitoring Program

CCIN: Canadian Cryospheric Information Network, Polar Data Catalogue

CliC: Climate and Cryosphere

CryoClim Cryosphere Climate Monitoring Service

DBAR-HiMAC

IASC: International Arctic Science Committee

ICIMOD: International Centre for Integrated Mountain Development

INTERACT: International Network for Terrestrial Research and Monitoring in the Arctic

INTAROS: Integrated Arctic Observation System

PEEX: Pan-Eurasian Experiment

SAON: Sustaining Arctic Observing Network

SIOS: Svalbard Integrated Earth Observing System

SwissEx: Swiss Experiment Platform

TPE: Third Pole Environment

WMO GCW: Global Cryosphere Watch

WMO WWRP PPP/YOPP

GEOCRI –Work Plan 2017-2019

- Five tasks: Infrastructures, Monitoring Network and Data, In-situ and Remote Sensing Integration, User Engagement and Communication, and Management and Monitoring.
- Tasks consists of activities with set milestones and deliverables
- The range of deliverables varies from reports, publications and products to stakeholder and user mapping and consultations to training and capacity building events and webinars

GEOCRI –Resources for Implementation

- Mainly in-kind contributions and leveraging the resources of participating initiatives and organizations to align with GEOCRI's objectives
- With currently developing joint activities, increasing emphasis on joint funding applications in the future
- Support from the GEO Secretariat

GEOCRI –Examples of ongoing activities

- GEOCRI Management and Branding development
 - Logo, visual instructions, website <http://www.earthobservations.org/coldregions.php>
 - ToR , Advisory Board
 - New contributors and collaborations > ongoing with several new developments (IEEE, GEOGNOME etc.)
- ECRVs development
 - To align with and complement to existing/ongoing EVs
- GEOCRI data planning issues and Community Portal development
 - ESA/CNRS Italy providing technical support/consultation
 - Joint process with several other GEO Initiatives, e.g. GEO Wetlands
 - Polar Data Planning Summit, 22-24 May 2018, Boulder, Colorado

GEOCRI at Polar2018, Davos, Switzerland

Tuesday, 19 June 2018, 12:30– 14:00, Room A Wisshorn

- 12:30-12:40 Opening and introduction to the GEOCRI activities -Hannele Savela, INTERACT/University of Oulu
- 12:40-13:00 Polar Data Planning efforts and GEOCRI Community Portal Development –Peter Pulsifer, NSIDC/University of Colorado
- 13:00-13:20 Essential Variables –insights to their development - Gregory Giuliani, University of Geneva, Institute for Environmental Sciences/enviroSPACE
- 13:20-13:40 Essential Cold Regions Variables to reach societal benefits –Yubao Qiu, RADII-CAS
- 13:40-14:00 Discussion

Welcome!

GEOCRI -Contacts

- GEOCRI at Polar2018
- Would you like to join GEOCRI?
 - Point-of-contact Dr Yubao Qiu, qiuyb@radi.ac.cn
 - Co-leads team member Dr Hannele Savela, hannele.savela@oulu.fi
 - Website <http://www.earthobservations.org/coldregions.php>

Thank You!

