

GEO Cold Regions for 2023-2025

Draft Minutes

Attendees: Bente Lilja Bye, Hiroyuki Enomoto, Vito Vitale, Jeff Key, Massimo Menenti, Tonghua Wu, Daqing Yang, Yubao Qiu

Online Meeting: Zoom

Time: 13:30-15:45 (UTC time), 11, July

Chaired and Minute: Dr. Yubao Qiu

Aim:

The GEO Cold Regions work program had its comments from Experts in GEO Secretariat, it was suggested to merge with GEONOME (mountain) or submit again to be a Pilot Initiative. The meeting is with the aim to rethink and post ideas on the GEO Cold Regions Work Programme for 2023-2025. Continuing from the last exchange with co-leads, the group hopes to continue this pilot initiative in a stand-alone position.

Introductions:

As most of the attendees are family each other, Dr/Prof. Tonghua Wu, from CAS, had a light introduction, Dr./Prof. Daqing Yang, from TPE/ITP, had a quick saying hi to all.

Yubao made a quick introduction to the GEO new work program and comments for GEO WP for 2023-2025, attached one slide.

GEO CRI Uniqueness:

The main discussions were about the rationale to uniqueness. The main points are about the gaps that GEO CRI can fill, some of the:

Global Cover, Multidisciplinary; Remote areas with little observations, Space based information products;

Interoperability between Arctic, Antarctic, and other cold areas, e.g., Data exchange;

There are some **coverage gaps** locates in the cold regions area, Northern cold area, and Mountain cold regions;

GEO's explicit role with other special agency, Domain with different, additional people within GEO and Cold Regions, expanding the communities at different domain;

Different "definition" of the essential variables which could be useful for the data development, e.g., wild fires, permafrost degradation;

Actions:

- ✧ It was proposed to have people on the joint task about the essential variables with GCW (ECryoV), and it would be a cross effort (jointly) and doable at this moment. Jeff Key would share this information to GCW, see the potential people for this initiative to have a common aim (jointly)

- Prof. Vito mentioned ECVs: radiation, aerosols (vertical content), albedo (satellite validation)
- Need to avoid the work existing in other proposal, like ArcticGEOSS
- ✧ It could be included CEOS in GEO Cold Regions, Lilja Bye may have a contact with CEOS in the near time.
- ✧ Yubao will soon share the document of GEOCRI WP and asking for the input, the submitting deadline (15, July)

Next meeting:

- ✧ One week or two week later – need to have routine meeting
- ✧ Topic: ToR (simple to activate the energy of contributors, reshape the organizations to avoid the actions failure)

-End-