Needed for implementation of CryoNet

The coordination and setting up work can't happen on a voluntary base: need operational secretariat office (we gladly answer coordinated questions though!)

Clarify roles and split of responsibilities between GCW and CryoNet

Browse/discover and include existing data not represented here, giving an ID number, better involving non-European regions

Reality check: site requirements vs. results of the inventory

Contact potential national and international data providers

Also include significant but discontinued series

Implement a structured way to directly involve stakeholders (national policymakers, operational forecasting agency, NGOs, …)

Evaluate existing sites in terms of long (in time), broad (spatially representative) and deep (multidisciplinary in the ecological sense, process oriented)

Focal point of contact for cryosphere in each country

Define an application structure for becoming a site, advertised through cryolist

Plan for visibility within AGU, EGU, …
CryoNet objectives

Provide an Interface to available information
single-stop web portal within the GCW portal:
  - for data repositories
  - For addressing users needs (metadata, coordination,
  - For disseminating products
End to end design from data-in to general public and policymakers usability
Should we have ‘data mentors’?
Minimum quality standards for all sites
Structure and site types of CryoNet

What adds value to the existing data and sites?
Long (in time), broad (spatially) and deep (multidisciplinary, process oriented)
Different quality requirements?

Supersite?: is long, deep, open access, accessible,
Observation/baseline (detailed info), Reference (long time), Integrated sites (several cryosphere elements, cal/val capability) ?
Broad = broad coverage in time and or space?
‘Observation’ is not sexy → ‘baseline’?
Growth path?
‘Flagship’?
Requirements for site inclusion

Observation/baseline (detailed info), = a cryosphere or cryosph.-related (AWS, chemistry) observation
-Standardized: comparable data, data steward, usability level + discovery level incl. provider and citation metadata, minimum quality requirement TBD, quality attributes descriptively as part of metadata? Metadata is also photographs where available, … -versioned
Data quality: self consistency (changes must have sufficient overlap)
-open access

Reference (long term),
-all what is for observation sites, plus:
-Long relative to threshold TBD specific to each cryospheric component
Continuity is not a requirement
-have a local met data source available

Integrated sites (several cryosphere elements, cal/val capability),
-all what is for observation sites, plus x out of n:
-have a local met data source available
-suits the needs of process understanding and model calibration
-covers at least two or three cryospheric components (reference status not required)
-transnational accessible infrastructure with logistic support for min 2 persons
-online data available and real-time for selected components
-interdisciplinary beyond cryosphere elements
Standards, guidelines, best practices

Already discussed last year

Most practical solution is for all participant to forward applicable documents