

Site assessment, network expansion, GRUAN manual

Peter Thorne

Site assessment

- Proposed to be undertaken by WG-ARO
- Much of the preparation to be undertaken by the Lead Centre
- Original certification (current sites will need to do this once we are at that stage)
- Cyclical assessment
- Site audits

Necessary criteria

- Producing GRUAN data with the uncertainty estimate and retaining data and metadata for other measures.
- Institutional support with a view to long-term site operation (absolute commitment recognized unrealistic)
- Active network participation
 - Point of contact (and secondary)
 - Monetary or in kind support for network activities
 - Involvement in site reps TT.

Desirable criteria

- Need to hit some critical mass of these. WG-ARO discretion key.
 - Observing mix
 - Observing frequency
 - Additional / unique capabilities
 - Delivering science

WG-ARO implications

- Need to bring in membership to support expanded role
- Posited members of the task team being subsumed will be invited to join.
- Propose WG-ARO co-chair solution primarily to support this expanded role and support the task teams (Greg)
- Need to revise terms of reference and get these endorsed.

Timeline

- Define criteria in consultation with site reps. Final draft for presentation and adoption at next ICM (WG, LC, TT Site reps)
- Year for sites to prepare before assessment starts
- 2013 onwards current sites and any additional sites who wish to apply to be GRUAN certified.

Network expansion

- Ad hoc site offers
- Direct to WG-ARO chair(s)
- WG-ARO consider offer and provide a considered written response of acceptance / decline and any additional information within 12 weeks.

Network expansion

- Planned expansion needs to recognize multiple demands (trend, cal/val of broader networks, process understanding)
- Multiple threads out there already
- Call a meeting of relevant stakeholders?
When? Who? Where?

GRUAN Manual

- Excellent start
- Adopt by next ICM
- Can be adopted once necessary edits undertaken (reflect site assessment solution and other relevant ICM3 outcomes impact in addition to specific edit suggestions due consideration)
- and ...
 - LC sign off
 - 2/3 majority of WG-ARO
 - 2/3 majority of TT site reps