QA4EO Teleconference 4: Minutes

9th May 2013

Teleconference synopsis:

The purpose of this teleconference was to discuss the sample QA4EO case studies with the aim of generating discussion as to appropriate contents and design. Details of the next teleconference will be circulated at a later date but will take place in approximately a month.

Discussion points:

Review minutes and actions of previous teleconference

- The outputs of the actions from the previous teleconference were presented at this teleconference and are discussed further in **Case study and case study template design**.

GEO QA4EO showcases

- Jan-Peter Muller highlighted the call for GEO showcase submission proposals by 17th May 2013 which should consist of a single page description of the concept. If accepted the showcase will be presented at the GEO Ministerial Summit 2014 in the form of a 3minute short video.
- Satish Srivastava echoed a similar discussion at the CEOS Secretariat meeting the previous day.
- Jan-Peter proposed two GEO showcases that would highlight QA4EO principles through two specific examples.
- The first example was the impact of DEM accuracy on tsunami landfall modelling. The video would have a basic structure:
    - Show tsunami landfall without uncertainty estimates on bathymetry and topography data.
    - Show what is measured; i.e. not at all like the prediction.
    - Explain the QA4EO principles.
    - Repeat the above with uncertainty information.
    - Interview/testimonial with someone involved in this area of work; an example might be someone in the UN dealing with natural disasters.
- The second example combines previous suggestions for air quality and albedo showcases. This would involve a similar storyline to the previous:
    - Focus on the use of air quality and albedo uncertainty to give greater confidence in surface air pollution (e.g. nitrous oxide) prediction and modelling.
    - This would be demonstrated using available air quality and albedo data over a highly polluted city in e.g. Belgium/China/other.

- An interview with an official involved in air quality/pollution from that city/country would follow this to add regional context.

- The group agreed that the showcases described by Jan-Peter were supported by QA4EO and would be beneficial to progress. Satish Srivastava suggested that CEOS should be informed as the showcases were taking place under their remit; he stated that he would seek backing from appropriate members of CEOS while the proposals were being drawn up, but he did not envisage any issues.

- It was also suggested that QA4EO promotional material should be generated for this event; this would consist of posters and hand-outs.

Case study and case study template design

- Niall Origo began by explaining the proposed structure of the QA4EO case studies. In generating the examples that were sent round to members, it was suggested that the case studies would be split into categories, each with a different template. The idea being that these would be giving different information, such that a single template would be restricting. The three categories suggested were software tools or methodologies, datasets, and initiatives.

- Within these three examples it was explained that it might also be best to create layers or levels of information related to a specific audience type. It was proposed that 2/3 levels would be sufficient:
    1. Policy/management/non-technical audience.
    2. Technical audience from e.g. a similar field to that which the work exists in, i.e. those who would understand the concepts involved.
    3. Technical audience interested in implementation, this would be aimed at users who might have a similar body of work in which they are applying QA4EO.

- It was explained that the exact content and style of each level and category is to be defined but that members should comment on the current examples with inclusion/exclusions.

- Emphasis was placed on the recognition of the individuals and organisations under which the work is conducted.

- Nigel Fox clarified that the case studies aim to capture work that is already applying the QA4EO philosophy and good practice. The work itself doesn't have to recognise QA4EO (as a branding) to be suggested for a case study. At this early stage QA4EO is looking for established examples, whereas in future, proposed work would be considered.

- Niall Origo requested that all members send suggestions for the information content they would expect to see under each of the levels.

- The website was recommended as a suitable place to hold the case study information. Printable versions of the key levels (namely 1 and 2) would also be created.

- QR codes for the printed material, and hyperlinks and cross-references for the website, were suggested as inclusions.

Date of next teleconference

- The next teleconference will take place in approximately a month; the exact date will be confirmed following the results of a 'Doodle poll' which will gauge participant availability.

Actions:

- Niall Origo to organise and send out invitation for next teleconference.
- Niall Origo to circulate minutes of meeting to members and include minutes on QA4EO.org.

- Greg Stensaas to create an example of level 1 and 2 versions of a case study based on Landsat-8 quality procedures.
- Satish Srivastava to send email to CEOS members to request backing of GEO showcase proposals.
- **All to provide suggestions for case study content given the level system (based on audience) and with regards to separate categories (initiative, software tool and dataset); email any suggestions to Niall Origo.**

Attendees:

Name	Organisation
Eric Arsenault	CSA (WGCV Secretariat)
Gary Corlett	University of Leicester
Gregory Stensaas	USGS
Jan-Peter Muller	UCL
Joanne Nightingale	NPL
Nigel Fox	NPL
Steve Olding	NASA
Niall Origo	NPL (QA4EO Secretariat)
Satish Srivastava	CSA (WGCV Chair)