

Open Data Portal and Toolbox: Feedback from splinter session

1. Topics for CCI awareness:
 - a. DOIs
 - b. OBS4MIPS
 - c. Terms and conditions & user registration
2. CCI Open Data Portal Evolution
 - a. Flagship products
 - b. Quicklooks
3. Beyond the CCI: Exploitation platform
4. CCI Toolbox project

1. CCI Open Data Portal project can provide DOIs to CCI data on the central archive
2. Requires basic metadata to describe the data
3. DOI points to a landing page with data description, download links and further information

Discussion:

- Methods for handling updates to datasets or landing pages
- DOI metadata to include “owner” / “funder” of data produced (ESA CCI)
- Granularity of data products : e.g. overarching project dataset with individual product data below
- Data held elsewhere: can use remote DOI and point to remote data from CCI Portal catalogue

1. Discussed general T&Cs text and collected feedback, e.g.
 - a. Make clear who can use the data and for which purposes
 - b. Correct “ESA gives no warranty... ” to “No warranty is given..”
 - c. Send out link to T&Cs text for all to be aware

1. Many projects wish to interact regularly with their users and therefore require lightweight user registration
2. ESA CCI Open Data Portal approach is optional registration only
3. User registration has pros and cons:
 - a. Benefits:
 - Inform users of updates
 - Invite users to workshops
 - Generate detailed statistics
 - b. Disadvantages
 - Barrier to use
 - Adds technical complexity, e.g.
 - One overarching registration, or per-ECV?
 - Robust security across all access services

- Mike Grant presented Ocean Colour experience to date
- See Mike's presentation for steps and useful links
- Open Data Portal approach is to work with OC to submit data to OBS4MIPs first, then roll out to other ECVs
- Question on timelines for CMIP6

- Multiple products for each ECV – different algorithms, instruments, resolutions
 - Confusing for users
 - Complexity for tools and services
- Can we identify “flagship products” for each ECV?
- General consensus:
 - This doesn’t make sense, depends on user needs
 - Simple fact sheets for each dataset would help guide the user

- CCI Open Data Portal has a task to generate quicklooks, or include them where they already exist
- Who already makes quicklooks available?
- What kind of quicklooks make sense?
- Examples:
 - One for each daily data file
 - One for each monthly average
 - One for each dataset, as an illustration of data type (eg L3U vs L3C)

- Range of uses:
 - Quality control
 - User selection of data to download
 - Easy data analysis
 - Illustrations for presentations
- Can a WMS replace the need for quicklooks?

Suggestion is to gather per ECV what their quicklooks should look like, and how they should be generated, for different use cases

- Please respond to the survey: this will inform ESA's requirements

<https://www.surveymonkey.com/r/G8ZXPDN>

Closes 14th October

- Initial results were presented but only 12 respondents so far
 - Input data provision and data provenance important
- Discussion:
 - Giovanni tool very useful
 - Hosted processing: users love it once they use it
 - Need to know how higher level products have been calculated
 - Need input EO data but also others, eg ECMWF, validation data, DEM
 - Match-up tool
 - Scope and alignment of Portal, exploitation platform, and toolbox

- Carsten Brockmann presented CCI Toolbox project
- 3 year project, Kick-off tomorrow
- Key objectives:
 - ingest different ECV products into a common data model
 - compute algorithms homogeneously across a common data model
 - support ECV analysis and visualisation
 - engage with the user community