SPECS

Seasonal-to-decadal climate Prediction for the improvement of European Climate Services

SPECS data repositories

Upload and access

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SEVENTH FRAMEWORK PROGRAMME

SPECS 4th GA - SMHI - 15-17/09/2015

SPECS data repositories

- Status of the data
  - CMORization
  - Upload
  - Publication
- ESGF update
- Data access

Status of the data

Month 34/48:

- CMORization running everywhere

Most of the institutes have already uploaded data to Jasmin

- 23 TB on Jasmin workspace - 31TB archived
- 3 datasets published on ESGF
- 1871 start dates uploaded

Status of the data

- New shared document to facilitate the follow-up of the data movements: https://docs.google.com/spreadsheets/d/1NSjt0l4TsoTQ8eayi1BhpPQQ7Jt4m_ZPKwnLetaig1A/edit?usp=sharing

Experiment	decadal	seasonal	horizIresImpact	soilMoistureInit	seaIceInit
Start date	1992-2012	1981-2010	1993-2009	1981-2013	1979-2013

Data available on Jasmin workspace

Experiment	snowInit	improvedStrat VertRes	phenology	aerosols	solarIrradiance
Start date	1991-2012	1983-2013	1991-2013	1992-2010	2008-2015

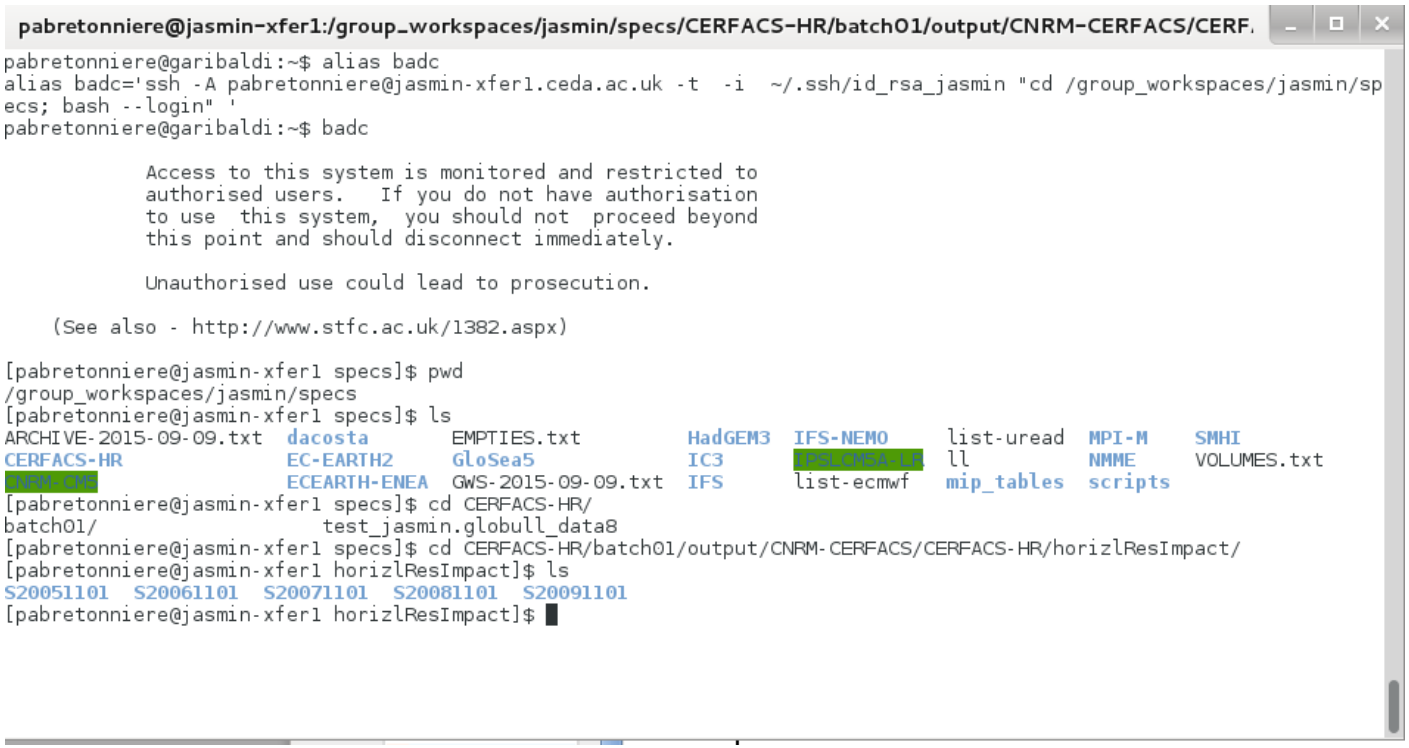
ESGF update

- Security incident detected in June
- Update of the software stack and revision of security levels of the nodes ongoing
- New policy about checksums (md5 -> sha256)
- Nodes expected to be back the week of the **21st of September**
- SPECS data will be visible 2 weeks after because of republication

Data access

- Browsing SPECS Jasmin workspace or archive in command line

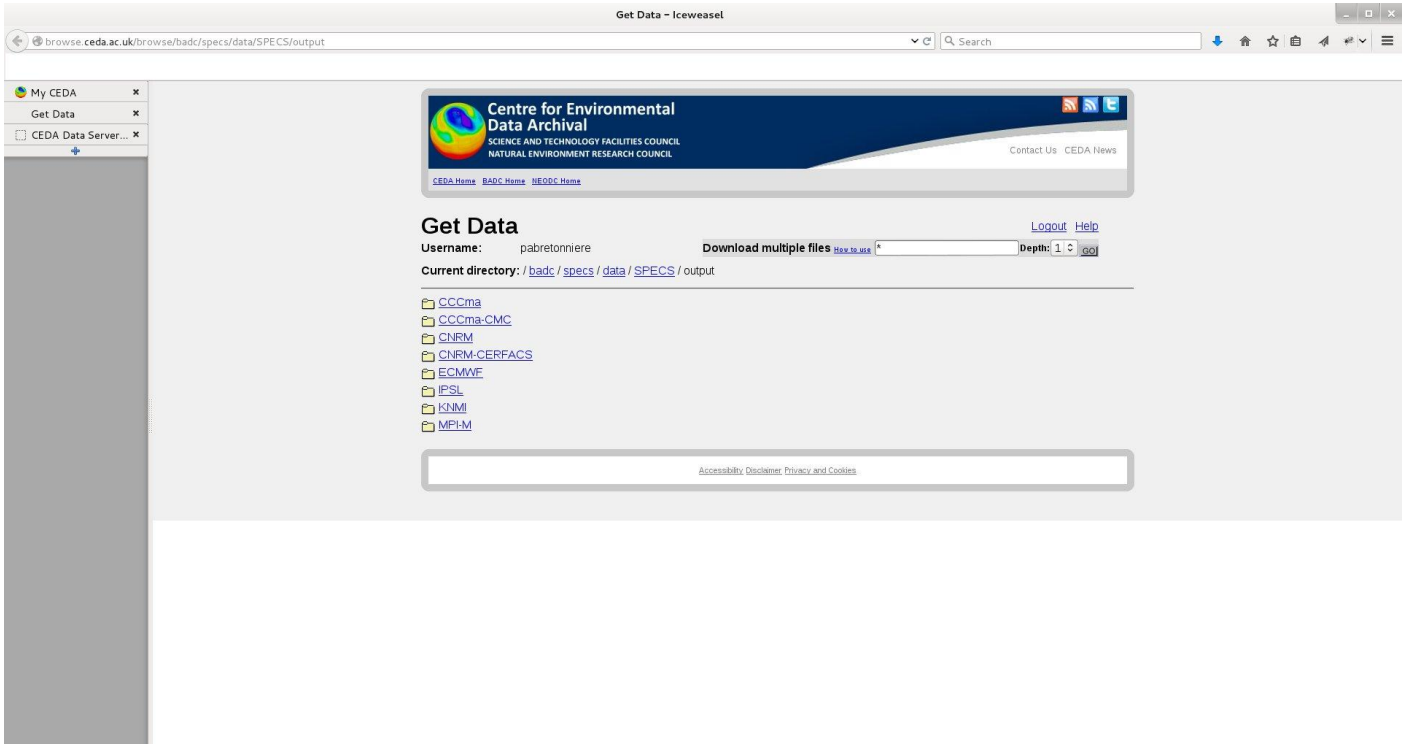
ssh -A username@jasmin-xfer1.ceda.ac.uk
cd /group_workspaces/jasmin/specs ; cd /badc/specs



Data access

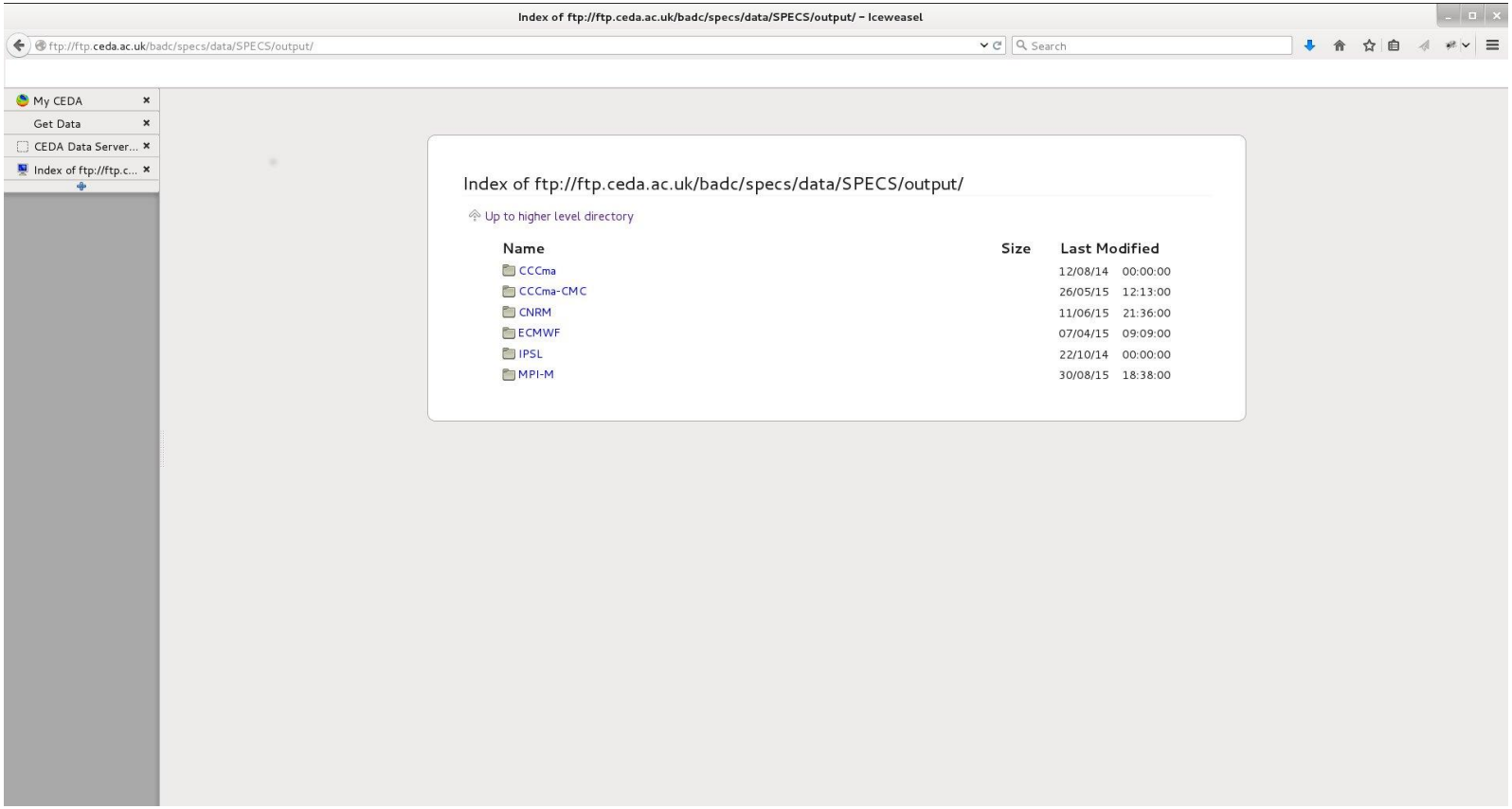
- Web browser: This is a web-based service that allows you to browse the archive and download individual or multiple files (using the zip facility).

http://browse.ceda.ac.uk/browse/badc/specs/data/SPECS/output



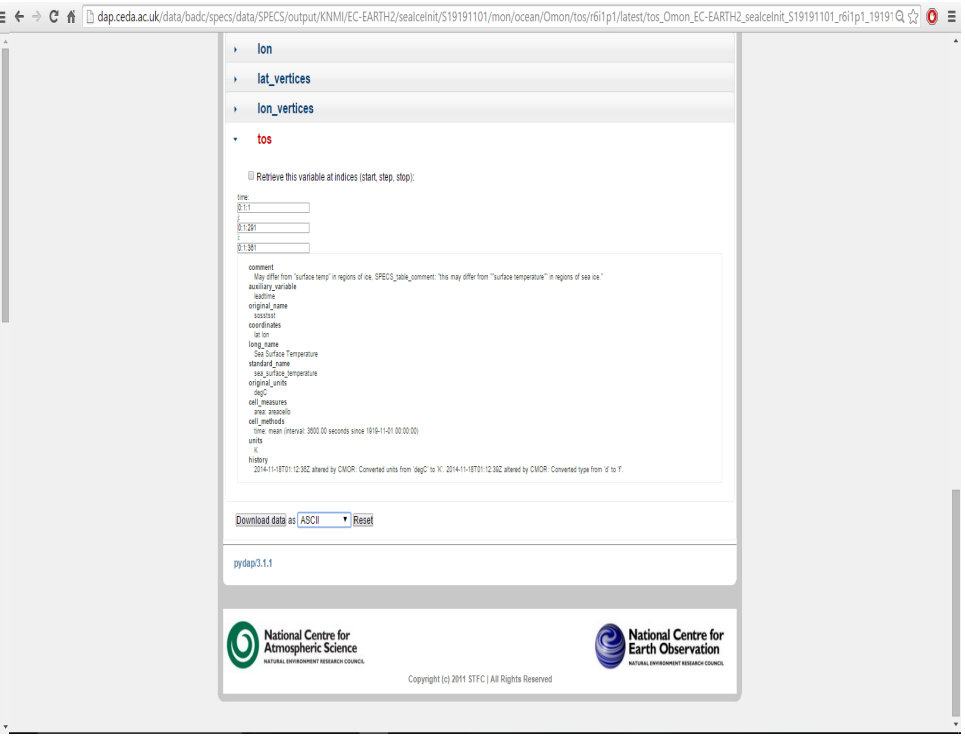
Data access

- FTP server: ftp://ftp.ceda.ac.uk/badc/specs/data/SPECS/output



Data access

- OpenDAP service: This is a web-based service that allows you to browse the archive download or subset files. It uses the OpenDap protocol for subsetting and is also accessible programmatically across the network
  http://dap.ceda.ac.uk/data/badc/specs/data/SPECS/output



Conclusions

- CMORization, upload and QC is taking time but data repositories are being populated to be shared among partners
- The several different ways to access to the data allow a permanent and reliable access to the data
- Work ongoing to solve the ESGF issues
- For any information, SPECS wiki or pierre-antoine.bretonniere@ic3.cat

  http://www.specs-fp7.eu/wiki/index.php/Data#Data_access