

Jason Boutte'
Supported Projects: ESGF

Quarterly Report for April 1, 2016 – June 30, 2016

Quarter Accomplishments:

- Come up to speed with WPS_CWT and ESGF replicas

Next Quarter's Roadmap

- Design and implement command-line utility to expose and consume WPS [July 2016]
- Develop scripts to verify unverified checksums for ESGF datasets [July 2016]
- Integrate authentication mechanism for ESGF CWT [August 2016]
- Find replicas to replace failed checksums of ESGF datasets [August 2016]
- Implement additional processes for WPS_CWT e.g. Ophidia operators, Parallelized averages, etc [September 2016]
- Publish verified SHA-2 checksums for ESGF datasets [September 2016]
- Investigate/implement Synda (<https://github.com/Prodiguier/synda>) for dataset replication for ESGF [September 2016]

Resources Required to Achieve Goals

- Need to familiarize with authentication mechanism through a discussion with Charles Doutriaux, Philip Kershaw, and Rachana.
- Discuss with Charles Doutriaux the types of processes that will be implemented.