

Sasha Ames
Supported Projects: (ESGF, ACME)

Quarterly Report for January 1, 2017 –March 31, 2017

Quarter Accomplishments:

- Worked with Tony on publishing CMIP5 replicas and input4MIPs updates [ongoing]
- Regularly held PWT meetings [ongoing]
- Supervision/coordination/support of ICNWG/RWT effort and timeline [ongoing]
- Mentored William in installer [ongoing]
- Production Deployment of ESGF release [January]
- IWT 2.5 release planning [February]
- Feedback service prototyped [February]
- Update to publisher and integrated into installer and Docker [February]
- Coordination of CSS data management; migration to CSS03 (with Cameron) [March]
- Node Manager bugfixes and integrated into installer and Docker [March]
- Renamed pcmdi.llnl.gov to esgf-node.llnl.gov [March]
- Supervised Soo on Deep Learning [February]; co-authored whitepaper submitted for LDRD ER [March]
- Test Federation nodes configuration and coordination of other sites [March]
- Contribution to ESGF Triennial report/proposal [March]

Next Quarter's Roadmap

- Coordination for Jeff in replication [ongoing]; publisher workflow testing [April]; data migration off of old CSS (Paul/Cameron)
- Mentoring William in ESGF installer, site operations [ongoing]; release management [April];
- IWT – finalize Publisher; Node Manager [April] ; production release planned [May]
- Supervising Tony in publishing CMIP5, input4MIPS, etc. [ongoing]
- Supervise Soo in Deep Learning [ongoing]; (if endorsed) Work in full LDRD proposal [May]
- PWT meetings, additional features for CMIP6 and testing [ongoing]
- Node Manager:
 - Re-deployment and testing at test-fed sites, includes secure communication [April/May]
 - Design [May] and Implement [June] protocol for node verification
 - Paper draft work [May]
 - Work with Luca on Docker integration [April]
- Develop [April] and test [May] Tracking services; integrate with publisher [May]; End to end test [June]

- Preparation and present to ESGF Panel in DC [June]
- Genomics data site demo for DREAM [June]
- Coordinate CWT ESGF integration and cluster use [ongoing]
- ACME: coordinate infrastructure, ESGF, publishing needs at LLNL other site setup; CMIP6 integration [June]

Resources Required to Achieve Goals

- IWT coordination to integrate installation update within a formal development/production release
- Coordination with WGCM WIP on CMIP6 requirements
- Jeff available for replication/publishing work; Tony for publishing; William to collaborate on release; Luca on Docker; Paul/Cameron on CSS management.