2018-04-02 ISDA Team - Stand-up Meeting Notes

Amelia Earhart and Eleanor Roosevelt once sneaked out of a White House event, commandeered an airplane, and went on a joyride to Baltimore.

Who	Planned - Monday	Accomplished - Friday
Bing Zhang		
Benjamin Galewsky		
Chen Wang		

Christopher Navarro	• Cover Crop
	  ◦ Dev meeting
	  ◦ Follow up on web design
	  ◦ Code Review/sprint planning
	• FarmDoc
	  ◦ Setup postgres/geoserver VM
	• Ergo
	  ◦ Help Ergo user run buried pipeline damage analysis
	• IN-Core
	  ◦ Code review / sprint planning
	  ◦ Discuss semi-annual meeting demo
	  ◦ Work on migrating building damage to pyincore and add support for multiple hazard inputs
		• Cover Crop
		  ◦ Dev meeting / code review
		  ◦ Sent comments on web design
		  ◦ Setup web design review meeting
		• FarmDoc
		  ◦ Started setting up postgres/geoserver VM, ran into a few issues with NFS storage and postgres/ldap creating a home directory for the postgres user - still working through that issue. VM is mostly provisioned
		  ◦ Starting planning/discussing postgres migration from covercrop VM
		• Ergo
		  ◦ Found a bug in the buried pipeline damage analysis and opened an issue
		  ◦ Helped Ergo user add new pipeline fragilities for PE pipes and a new mapping
		• IN-Core
		  ◦ Discussed semi-annual meeting demo, started planning tasks to complete
		  ◦ Reviewed building damage for earthquake and tornado to identify overlap for migrating the analysis to pyincore - started refactoring to move the analysis
		  ◦ Code review

Craig Willis		
Htut Khine Htay Win		
Indira Gutierrez Polo	InCore ▪ Work on converting building portfolio damage analysis from V1 to V2 Vacation Thu - Fri	InCore • Work on converting building portfolio damage analysis from V1 to V2 Vacation Thu - Fri

Jing Ge	• In-Core:
	  ◦ Investigate performance differences among multiprocess and concurrent.future
	• KnowEng:
	  ◦ Test Data_Cleanup_Pipeline
	  ◦ Test Signature_Analysis_Pipeline
		• In-Core:
		  ◦ Tested building_damge_analysis.py with multiprocessing and concurrent.future this week from my local machine and found lower performance than past week.
		  ◦ Set up small sample tests and compared performance differences between multiprocessing and concurrent.future. The performance is comparitively similar
		  ◦ Set up environment on NCSA's tester machine. Need more modification on the code as some services has been upgraded.
		• KnowEng:
		  ◦ Tested Data_Cleanup_Pipeline
		  ◦ Tested Signature_Analysis_Pipeline

Jong Lee		
Kenton McHenry	• CSSI proposals	• CSSI proposals

Luigi Marini	• CSSI proposal writing • Clowder refactoring and documentation • NCSA software group presentation on Clowder • Pull requests	• CSSI proposal writing • Clowder updates to documentation • Clowder pull request • NCSA software group presentation on Clowder • Syngenta pull requests and meetings on how to use Clowder
Marcus Slavenas		
Maxwell Burnette	• finish pyClowder2 client pull request • laser3d conversion tests on 2017 examples for comparison • globus transfer authentication problem w/ JD • alternate CF units conversion for irrigation extractor • clean up notes for leave	• https://opensource.ncsa.illinois.edu/bitbucket/projects/CATS/repos/pyclowder2/pull-requests/63/overview PyClowder2 PR • laser3D conversion tests & implementation of conversion to lat/lon from scanner coordinate system • globus transfers back up and running • irrigation extractor CF units implemented, extractor deployed and all data re-run

Michal Ondrejcek	• MDF
	  ◦ read the docs for the Sphinx deployment
	  ◦ NDS Workbench, run Forge examples
	  ◦ outreach, materials
	  ◦ script for FF pipeline
	• Farmdoc
	  ◦ FD-10 - Jira project doesn't exist or you don't have permission to view it.
	  ◦ FD-11 - Jira project doesn't exist or you don't have permission to view it.
	• FF space for Andre, see MDF
		• MDF
		  ◦ done
		  ◦ no
		  ◦ yes in general description of Open Connect, no screenshots
		  ◦ continue
		• Farmdoc
		  ◦ FD-10 - continue, installed SciPy, not clear which parameters
		  ◦ FD-11 - done
		• meeting

Sara Lambert	• NDS / TERRA
	  ◦ Instance recovery / monitoring
	• KnowEnG
	  ◦ Work with Pramod to deploy K8S dev cluster for KnowEnG (e.g. redeploy in correct region.. Oregon?)
	• Crops in Silico
	  ◦ Address any feedback on the UI prototype
		• NDS / TERRA
		  ◦ Attempted to scale up TERRA workbench, but ran into too many problems
		• KnowEnG
		  ◦ Continued to refine KnowEnG Kubernetes patterns for single and multi-node setups
		• Crops in Silico
		  ◦ Received the first bits of feedback on the UI
		  ◦ Started updating UI to iteratively address feedback: https://cropsinsilico.github.io/

Michelle Pitcel	• GLTG
	  ◦ Meeting Prep
	  ◦ ~~GEOD-1070~~ - Graph Multiple Parameters for a Single Site on a Single Detail Page Graph DONE
	  ◦ ~~GLGVO-423~~ - Merge V3 Develop to ILNLRS Branch DONE
	  ◦ ~~GLGVO-424~~ - Merge V3 Develop to GLTG Branch DONE
	  ◦ Maybe
	  ▪ ~~GEOD-1076~~ - Groups of Layers - Turn Layer On and Off DONE
	  ▪ ~~GLGVO-422~~ - V2 Add Legend Images DONE
	• IMLCZO
	  ◦ ~~IMLCZO-181~~ - Setup VM for Parsers DONE
	  after
	  ~~IMLCZO-217~~ - Generalize Logger Parsers DONE
	  ◦ ~~IMLCZO-224~~ - Merge V3 Develop to IMLCZO Branch DONE
	  ◦ Re-run Parsers for Flux Tower and Allerton non-Decagon
		• GLTG
		  ◦ Meeting Prep
		  ◦ ~~GEOD-1070~~ DONE
		  ◦ ~~GLGVO-422~~ DONE
		  ◦ ~~GLGVO-423~~ DONE
		  ◦ ~~GLGVO-424~~ DONE
		• IMLCZO
		  ◦ ~~IMLCZO-217~~ DONE
		  ◦ ~~IMLCZO-224~~ DONE

Omar Elabd	• Semantic Service • Glossary Server • Demo Support	
Pramod Rizal	• Industry - Pix4D Extractor (W.I.P.) • k8s dev setup/test for KnowEnG (W.I.P.)	• Industry - Pix4D Extractor (W.I.P.) • k8s dev setup/test for KnowEnG (W.I.P.)
Rob Kooper		
Sandeep Puthanveetil Satheesan		
Shannon Bradley		

Yan Zhao		• Thrusday & Friday as sick leave
		• BD
		  ◦ Add better error reporting for configuration errors in ProjectController
		  ◦ Remove social authentication from clusterman-- not finish
		  ◦ BD-2047-- not finish
		• GLM
		  ◦ fix render bug on compare page.
		• CC
		  ◦ initial design for user infor table, in service

Yong Wook Kim	• Create PyIncore jupyter lab docker • Support Galveston EPN recovery model scientific code refactoring • Check VMs and rebuild if needed • Create independent PyCSW extractor	• Created PyIncore jupyter lab docker. Still need more work • Analysis of Galveston EPN recovery code and craeated support page in confulence for refactoring the code • Rebuilt kubernetes server and set kubernetes again • Made PyCSW extractor for shapefile. GeoTiff function should be added