

# 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	<ul style="list-style-type: none"> <li>• Cover Crop               <ul style="list-style-type: none"> <li>◦ Dev meeting</li> <li>◦ Follow up on web design</li> <li>◦ Code Review/sprint planning</li> </ul> </li> <li>• FarmDoc               <ul style="list-style-type: none"> <li>◦ Setup postgres/geoserver VM</li> </ul> </li> <li>• Ergo               <ul style="list-style-type: none"> <li>◦ Help Ergo user run buried pipeline damage analysis</li> </ul> </li> <li>• IN-Core               <ul style="list-style-type: none"> <li>◦ Code review / sprint planning</li> <li>◦ Discuss semi-annual meeting demo</li> <li>◦ Work on migrating building damage to pyincore and add support for multiple hazard inputs</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Cover Crop               <ul style="list-style-type: none"> <li>◦ Dev meeting / code review</li> <li>◦ Sent comments on web design</li> <li>◦ Setup web design review meeting</li> </ul> </li> <li>• FarmDoc               <ul style="list-style-type: none"> <li>◦ 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</li> <li>◦ Starting planning/discussing postgres migration from covercrop VM</li> </ul> </li> <li>• Ergo               <ul style="list-style-type: none"> <li>◦ Found a bug in the buried pipeline damage analysis and opened an issue</li> <li>◦ Helped Ergo user add new pipeline fragilities for PE pipes and a new mapping</li> </ul> </li> <li>• IN-Core               <ul style="list-style-type: none"> <li>◦ Discussed semi-annual meeting demo, started planning tasks to complete</li> <li>◦ Reviewed building damage for earthquake and tornado to identify overlap for migrating the analysis to pyincore - started refactoring to move the analysis</li> <li>◦ Code review</li> </ul> </li> </ul>
Craig Willis		
Htut Khine Htay Win		
Indira Gutierrez Polo	<p>InCore</p> <ul style="list-style-type: none"> <li>▪ Work on converting building portfolio damage analysis from V1 to V2</li> </ul> <p>Vacation Thu - Fri</p>	<p>InCore</p> <ul style="list-style-type: none"> <li>• Work on converting building portfolio damage analysis from V1 to V2</li> </ul> <p>Vacation Thu - Fri</p>
Jing Ge	<ul style="list-style-type: none"> <li>• In-Core:               <ul style="list-style-type: none"> <li>◦ Investigate performance differences among multiprocessing and concurrent.future</li> </ul> </li> <li>• KnowEng:               <ul style="list-style-type: none"> <li>◦ Test Data_Cleanup_Pipeline</li> <li>◦ Test Signature_Analysis_Pipeline</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• In-Core:               <ul style="list-style-type: none"> <li>◦ Tested building_damge_analysis.py with multiprocessing and concurrent.future this week from my local machine and found lower performance than past week.</li> <li>◦ Set up small sample tests and compared performance differences between multiprocessing and concurrent.future. The performance is comparatively similar</li> <li>◦ Set up environment on NCSA's tester machine. Need more modification on the code as some services has been upgraded.</li> </ul> </li> <li>• KnowEng:               <ul style="list-style-type: none"> <li>◦ Tested Data_Cleanup_Pipeline</li> <li>◦ Tested Signature_Analysis_Pipeline</li> </ul> </li> </ul>
Jong Lee		
Kenton McHenry	<ul style="list-style-type: none"> <li>• CSSI proposals</li> </ul>	<ul style="list-style-type: none"> <li>• CSSI proposals</li> </ul>

Luigi Marini	<ul style="list-style-type: none"> <li>• CSSI proposal writing</li> <li>• Clowder refactoring and documentation</li> <li>• NCSA software group presentation on Clowder</li> <li>• Pull requests</li> </ul>	<ul style="list-style-type: none"> <li>• CSSI proposal writing</li> <li>• Clowder updates to documentation</li> <li>• Clowder pull request</li> <li>• NCSA software group presentation on Clowder</li> <li>• Syngenta pull requests and meetings on how to use Clowder</li> </ul>
Marcus Slavenas		
Maxwell Burnette	<ul style="list-style-type: none"> <li>• finish pyClowder2 client pull request</li> <li>• laser3d conversion tests on 2017 examples for comparison</li> <li>• globus transfer authentication problem w/ JD</li> <li>• alternate CF units conversion for irrigation extractor</li> <li>• clean up notes for leave</li> </ul>	<ul style="list-style-type: none"> <li>• <a href="https://opensource.ncsa.illinois.edu/bitbucket/projects/CATS/repos/pyclowder2/pull-requests/63/overview">https://opensource.ncsa.illinois.edu/bitbucket/projects/CATS/repos/pyclowder2/pull-requests/63/overview</a> PyClowder2 PR</li> <li>• laser3D conversion tests &amp; implementation of conversion to lat/lon from scanner coordinate system</li> <li>• globus transfers back up and running</li> <li>• irrigation extractor CF units implemented, extractor deployed and all data re-run</li> </ul>

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.

 F D-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/>

<p>Michelle Pitcel</p>	<ul style="list-style-type: none"> <li>• GLTG <ul style="list-style-type: none"> <li>◦ Meeting Prep <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>GEOD-1070</b> - Graph Multiple Parameters for a Single Site on a Single Detail Page Graph <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-423</b> - Merge V3</li> <li>◦ Develop to ILNLR Branch <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-424</b> - Merge V3</li> <li>◦ Develop to GLTG Branch <b>DONE</b></li> <li>◦ Maybe <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>GEOD-1076</b> - Groups of Layers - Turn Layer On and Off <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-422</b> - V2 Add Legend Images <b>DONE</b></li> </ul> </li> </ul> </li> <li>• IMLCZO <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>IMLCZO-181</b> - Setup VM for Parsers <b>DONE</b></li> <li>after <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>IMLCZO-217</b> - Generalize Logger Parsers <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>IMLCZO-224</b> - Merge V3</li> </ul> </li> <li>◦ Develop to IMLCZO Branch <b>DONE</b></li> <li>◦ Re-run Parsers for Flux Tower and Allerton non-Decagon</li> </ul> </li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• GLTG <ul style="list-style-type: none"> <li>◦ Meeting Prep <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>GEOD-1070</b> <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-422</b> <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-423</b> <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>GLGVO-424</b> <b>DONE</b></li> </ul> </li> <li>• IMLCZO <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <b>IMLCZO-217</b> <b>DONE</b></li> <li><input checked="" type="checkbox"/> <b>IMLCZO-224</b> <b>DONE</b></li> </ul> </li> </ul> </li> </ul>
<p>Omar Elabd</p>	<ul style="list-style-type: none"> <li>• Semantic Service</li> <li>• Glossary Server</li> <li>• Demo Support</li> </ul>	
<p>Pramod Rizal</p>	<ul style="list-style-type: none"> <li>• Industry - Pix4D Extractor (W.I.P.)</li> <li>• k8s dev setup/test for KnowEnG (W.I.P.)</li> </ul>	<ul style="list-style-type: none"> <li>• Industry - Pix4D Extractor (W.I.P.)</li> <li>• k8s dev setup/test for KnowEnG (W.I.P.)</li> </ul>
<p>Rob Kooper</p>		
<p>Sandeep Puthanveeti I Sathesasan</p>		
<p>Shannon Bradley</p>		
<p>Yan Zhao</p>		<ul style="list-style-type: none"> <li>• Thursday &amp; Friday as sick leave</li> <li>• BD <ul style="list-style-type: none"> <li>◦ Add better error reporting for configuration errors in ProjectController</li> <li>◦ Remove social authentication from clusterman-- not finish</li> <li>◦ BD-2047-- not finish</li> </ul> </li> <li>• GLM <ul style="list-style-type: none"> <li>◦ fix render bug on compare page.</li> </ul> </li> <li>• CC <ul style="list-style-type: none"> <li>◦ initial design for user infor table, in service</li> </ul> </li> </ul>
<p>Yong Wook Kim</p>	<ul style="list-style-type: none"> <li>• Create PyIncore jupyter lab docker</li> <li>• Support Galveston EPN recovery model scientific code refactoring</li> <li>• Check VMs and rebuild if needed</li> <li>• Create independent PyCSW extractor</li> </ul>	<ul style="list-style-type: none"> <li>• Created PyIncore jupyter lab docker. Still need more work</li> <li>• Analysis of Galveston EPN recovery code and craeated support page in confulence for refactoring the code</li> <li>• Rebuilt kubernetes server and set kubernetes again</li> <li>• Made PyCSW extractor for shapefile. GeoTiff function should be added</li> </ul>

