

## 2018-04-16-ISDA Team - Stand-up Meeting Notes

During Prohibition, moonshiners would wear "cow shoes." The fancy footwear left hoofprints instead of footprints, helping distillers and smugglers evade police.

| Who               | Planned - Monday                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Accomplished - Friday                                                                                                                                                                                                                                                                                    |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bing Zhang        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"><li>• In Process:<br/>working on industry project: data ingestion.<br/>fix and deploy clusterman on dev.</li><li>• Under Review:<br/>simple extractor, bd-base develop, greenroute use meter unit.</li><li>• Done:<br/>bd-test case for greenness circlearea</li></ul> |
| Benjamin Galewsky |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                          |
| Chen Wang         | <ul style="list-style-type: none"><li>• INCORE<ul style="list-style-type: none"><li>◦ Data browser and Fragility browser integration in Jupyterlab</li><li>◦ Retrieve username of the user who's currently using the browsers and feed it to incore service</li><li>◦ DIN model review (2nd round)</li><li>◦ Semantic core and service (if have time)</li></ul></li><li>• SMM<ul style="list-style-type: none"><li>◦ include crimson hexagon as a data source (backend)</li><li>◦ adapt output file format to clowder previewer</li></ul></li></ul> |                                                                                                                                                                                                                                                                                                          |

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Christopher Navarro   | <ul style="list-style-type: none"> <li>Cover Crop <ul style="list-style-type: none"> <li>Dev meeting, update genotypes for winter wheat</li> <li>Code review</li> </ul> </li> <li>FarmDoc <ul style="list-style-type: none"> <li>Dev meeting, task planning</li> </ul> </li> <li>IN-Core <ul style="list-style-type: none"> <li>Continue working on v1 demo - building damage analysis, create required datasets</li> <li>Code Review</li> </ul> </li> <li>General <ul style="list-style-type: none"> <li>In Champaign Thursday</li> </ul> </li> </ul>                                                                                                                                                        | <ul style="list-style-type: none"> <li>Cover Crop <ul style="list-style-type: none"> <li>Code review</li> <li>Updated genotypes for winter wheat and tested</li> </ul> </li> <li>FarmDoc <ul style="list-style-type: none"> <li>Task planning</li> <li>Created initial web app repository</li> </ul> </li> <li>IN-Core <ul style="list-style-type: none"> <li>Worked on v1 demo, updated building damage task with latest APIs</li> <li>Created example tornado json file</li> <li>Code review</li> </ul> </li> <li>General - workflow meeting</li> </ul>                                                                                                                                                                                                                                                                                                                     |
| Craig Willis          | <p>General: Getting back in the swing of things</p> <p>TERRA:</p> <ul style="list-style-type: none"> <li>Condor prototype</li> <li>Fullfield analysis</li> </ul> <p>Whole Tale</p> <ul style="list-style-type: none"> <li>Backup PR</li> </ul> <p>NDS</p> <ul style="list-style-type: none"> <li>CSSI proposal</li> <li>PI4 instance?</li> </ul>                                                                                                                                                                                                                                                                                                                                                              | <p>TERRA</p> <ul style="list-style-type: none"> <li>Identified issues with fullfield process</li> <li>Initial fix for scaling globus-uploader</li> </ul> <p>Whole Tale:</p> <ul style="list-style-type: none"> <li>Submitted PR for backup process</li> </ul> <p>NDS</p> <ul style="list-style-type: none"> <li>Submitted CSSI</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Gowtham Naraharisetty |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Htut Khine Htay Win   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Indira Gutierrez Polo | JLESC Meeting - Clowder Presentation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>JLESC Meeting - Clowder Presentation</p> <p>InCore</p> <ul style="list-style-type: none"> <li>Separated the jupyterlab extensions of fragility and data explorer into two different extensions</li> <li>Updated the data viewer in jupyterlab extensions to use react instead of plain javascript. First pass mainly of functionality - No styling.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Jing Ge               | <ul style="list-style-type: none"> <li>KnowEng <ul style="list-style-type: none"> <li>Combine and refactor common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline</li> <li>Redesign phenotype expander and implement it to have logic on data type <ul style="list-style-type: none"> <li>binary data {0,1} or {True,False}</li> <li>data with only two categories</li> <li>data with more than tow categories</li> </ul> </li> <li>Investigating issues regarding Signature_Analysis_Pipeline</li> </ul> </li> <li>In-Core <ul style="list-style-type: none"> <li>Implement optimized memory version of multiprocessing and added to buildingdamage.py</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>KnowEng <ul style="list-style-type: none"> <li>Combined and refactored common logic between Gene_Prioritization_Pipeline and Feature_Prioritization_Pipeline</li> <li>Redesigned phenotype expander and implement it to have logic on data type <ul style="list-style-type: none"> <li>binary data {0,1} or {True,False}</li> <li>data with only two categories</li> <li>data with more than tow categories</li> </ul> </li> <li>Built new docker images for Data_Cleanup_Pipeline</li> <li>Investigated issues regarding Signature_Analysis_Pipeline and working on new logic for phenotype in Signature_Analysis_Pipeline</li> </ul> </li> <li>In-Core <ul style="list-style-type: none"> <li>Implemented optimized memory version of multiprocessing and added to buildingdamage.py, currently under review.</li> </ul> </li> </ul> |
| Jong Lee              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Kenton McHenry   | <ul style="list-style-type: none"> <li>Finalize CSSI proposals</li> <li>Backlog of tasks</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>CSSIs submitted</li> <li>Backlog of tasks</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Luigi Marini     | <ul style="list-style-type: none"> <li>Clowder 1.4 and 2.0 refactoring</li> <li>Geodashboard PRs</li> <li>Syngenta meetings and tasks</li> <li>SMM Clowder previewer</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>GDB/Clowder pull request reviews</li> <li>Clowder landing page</li> <li>Meetings</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Marcus Slavenas  | <ul style="list-style-type: none"> <li>vbd <ul style="list-style-type: none"> <li>finish daylight hours for new states</li> </ul> </li> <li>gltg <ul style="list-style-type: none"> <li>create deploy v3 branch for pointing to clowder geostreaming api</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Maxwell Burnette |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Michal Ondrejcek | <ul style="list-style-type: none"> <li>MDF <ul style="list-style-type: none"> <li>continue with Read the docs for the Sphinx deployment</li> <li>continue with NDS Workbench and Forge examples</li> <li>outreach, materials</li> <li>script for FF pipeline</li> </ul> </li> <li>Farmdoc <div>  <b>FD-12</b> - Jira project doesn't exist or you don't have permission to view it. </div> <div>  <b>FD-13</b> - Jira project doesn't exist or you don't have permission to view it. </div> </li> <li>VM for the presentation, contact Ms. Lombardo again</li> </ul> | <ul style="list-style-type: none"> <li>MDF <ul style="list-style-type: none"> <li>not on Forge</li> <li>yes</li> <li>Chad yes</li> <li>no</li> </ul> </li> <li>Farmdoc <ul style="list-style-type: none"> <li><b>done</b> and graphs only in the output.</li> </ul> </li> <li>presentation prep.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sara Lambert     | <ul style="list-style-type: none"> <li>NDS <ul style="list-style-type: none"> <li>Get back into our planning/development cycle</li> <li>Discuss any open CSSI/PI4 concerns</li> </ul> </li> <li>Crops in Silico <ul style="list-style-type: none"> <li>Continue collecting feedback and iterate until satisfied</li> <li>Start preparing slides for Spring update meeting</li> </ul> </li> <li>Industry <ul style="list-style-type: none"> <li>Ramping up / onboarding</li> </ul> </li> </ul>                                                                                                                                                                                                                                            | <ul style="list-style-type: none"> <li>NDS <ul style="list-style-type: none"> <li>Revisited after a long absence: <div>  <b>NDS-1127</b> - Rethink Grunt build process <b>RESOLVED</b> </div> </li> <li>Set up Globus Auth demo instance</li> </ul> </li> <li>Crops in Silico <ul style="list-style-type: none"> <li>Discussed upcoming spring demo with PIs</li> <li>Started adding <b>fakeplant</b> example models to UI</li> </ul> </li> <li>Industry <ul style="list-style-type: none"> <li>Learning Scala - made first PR to Clowder</li> <li>Started writing an endpoint for Clowder that will proxy HTTP requests</li> </ul> </li> </ul> |

|                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Michelle Pitcel                 | <ul style="list-style-type: none"> <li>GLTG <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <del>GEOD-1076</del> - Groups of Layers - Turn Layer On and Off<br/>DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-427</del> - Update Python Model Code to Use Clowder<br/>Data DONE</li> </ul> </li> <li>IMLCZO <ul style="list-style-type: none"> <li>Re-run Parsers for Flux Tower and Allerton non-Decagon</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-226</del> - Install loggernet on imlczo-parsers<br/>DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-228</del> - Mahomet Ingestion Script to pygeotemporal-parsers<br/>DONE</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>GLTG <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> <del>GEOD-1076</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-422</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-423</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-424</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-426</del> DONE</li> <li><input checked="" type="checkbox"/> <del>GLGVO-431</del> DONE</li> </ul> </li> <li>IMLCZO <ul style="list-style-type: none"> <li>Re-ran Parsers for Flux Tower and Allerton non-Decagon</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-224</del> DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-228</del> DONE</li> <li><input checked="" type="checkbox"/> <del>IMLCZO-229</del> DONE</li> </ul> </li> </ul> |
| Omar Elabd                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Pramod Rizal                    | <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> <li>KnowEnG Platform AWS Cloudformation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <ul style="list-style-type: none"> <li>Industry - Pix4D Extractor</li> <li>k8s dev setup/test for KnowEnG (W.I.P.)</li> <li>KnowEnG Platform AWS Cloudformation</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Rob Kooper                      | <ul style="list-style-type: none"> <li>PEcAn <ul style="list-style-type: none"> <li>update VM with LPJ Guess binary</li> </ul> </li> <li>LSST <ul style="list-style-type: none"> <li>collect information about operators</li> </ul> </li> <li>Industry <ul style="list-style-type: none"> <li>extractors per space</li> </ul> </li> <li>NCSA/ISDA <ul style="list-style-type: none"> <li>review PEARC Papers</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Sandeep Puthanveeti I Satheesan | <ul style="list-style-type: none"> <li>BD <ul style="list-style-type: none"> <li>Sprint tasks</li> <li>JCDL Abstract</li> <li>Quarterly report</li> </ul> </li> <li>CCROP <ul style="list-style-type: none"> <li>Complete modifications on tool for generating experiment file based on user input.</li> <li>Review pull requests</li> </ul> </li> <li>JUDEL <ul style="list-style-type: none"> <li>Improve quality of images to get better OCR results using Tesseract</li> <li>Start work on quarterly report</li> </ul> </li> <li>IARP <ul style="list-style-type: none"> <li>Start work on final report</li> </ul> </li> </ul>                                                                                           | <ul style="list-style-type: none"> <li>BD <ul style="list-style-type: none"> <li>Contributed text for JCDL abstract</li> <li>Reviewed pull requests</li> </ul> </li> <li>CCROP <ul style="list-style-type: none"> <li>Completed modifications on tool for generating experiment file based on user input.</li> </ul> </li> <li>JUDEL <ul style="list-style-type: none"> <li>Working on improving image quality to get better OCR results from Tesseract.</li> </ul> </li> <li>IARP <ul style="list-style-type: none"> <li>Started work on final report.</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                               |
| Shannon Bradley                 | Just sick ...                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Yan Zhao                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <ul style="list-style-type: none"> <li>BD <ul style="list-style-type: none"> <li>meangray upgrade to pycowder2</li> <li>look into silloute on clusterman, it remove the cookie with redeploy, no answer to fix this.</li> </ul> </li> <li>GLM <ul style="list-style-type: none"> <li>bin for geostreams-api-v3, copy from clowder.</li> <li>ingest USGS data for one sensor &amp; create config file on V2</li> </ul> </li> <li>CC <ul style="list-style-type: none"> <li>use the new design, finish half of it.</li> <li>review exp file PR</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                          |

|                  |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yong Wook<br>Kim | <ul style="list-style-type: none"> <li>• Figure out how to secure the connection to geoserver</li> <li>• Work on web mapping in jupyterlab</li> <li>• Update incore jupyterlab docker</li> <li>• Update kuberenetes with newer docker</li> </ul> | <ul style="list-style-type: none"> <li>• Worked on finding out the method of securing geoserver and clowder but the issue has been transfered to Mike</li> <li>• Made new jupyterlab instance including newer version of jupyterlab extensions and deployed to kubernetes</li> <li>• Tested PyCSW extractor in actual docker envrionement.</li> <li>• Supported incore demo preparation.</li> </ul> |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|