ISWAT O2-02 plans

- Action team plans
  1. Kamodo
     - I. User-friendliness to older-generation users
     - II. Develop metadata requirements for Kamodofication
     - III. Application to observational data to support visualization of obs. data and data-model comparison
  2. SPASE
     - I. Complete mapping of SPASE to data wrangling processes requirements
     - II. Enable SPASE for tagging DS/ML datasets for archiving (work with #3)
     - III. Develop SPASE tags to support searching for DS/ML datasets (work with #3)
     - IV. Filled-value specification in SPASE (yes, already exists)
  3. Archive preparation and implementation to advance ML
     - I. TBD
  4. DOI
     - I. Develop DOI best practices for models & model runs/output
     - II. Creating hpde landing pages for non NASA DOIs
     - III. Handling Expt. DOIs in SPASE
  5. HAPI
     - I. Extend to support FITS
     - II. Support data-model comparison by incorporating semantic info of parameters
     - III. Support Python clients (working with #6)
  6. Python libraries
     - I. Work on compatibility of various Python libraries for adaptation by ISWAT
     - II. HAPI is working on Python library compatibility at data model level (#5)
     - III. KAMODO is an interoperable layer (#1)

- Action team cross-fertilization
    1. Data format conversions
    2. What are the needs to support data-model comparison?

- Synergies with other ISWAT clusters
    1. What do people need?
    2. Need people to work on joint projects using common tools
    3. Can use data-model comparison as a theme to illustrate how different elements in IA&DU can be utilized
    4. Demonstrate ISWAT by showing examples of success (e.g., comparing global dB/dt)
    5. Need community to openly share data (could work on an ISWAT finding on deficiency of critical data sources due to restrictive data policies)