

## April 15, 2025 Joint Methods & CI Working Group Call

Attendees: Hassan Moustahfid, Jody Peters, Brittany Barker, John Smith, Caroline Owens, Dave Durden, Will Hammond

1. EFI2025 Conference Update; <https://bit.ly/efi2025>
  - a. Spatial Forecasting Workshop - progress and next steps
    - i. There was a nice distribution of rankings of workshops by conference registrants. This workshop was highly ranked
    - ii. How is the Tutorial coming along?
    - iii. Need to check in with Chris Jones. Haven't heard from him in the last month
    - iv. Have additional sites that Brittany pulled together
    - v. Have additional variables from NEON that people can use for modeling
    - vi. Dave has pulled in different sites - will share a write up with the group
      1. Will have multiple focal sites to cater to people who work in different ecosystems. Not sure if that will be added right now, but John is writing code for pulling data from neonstore by entering the site name.
      2. Do we get one site pipeline done and then scale from there? Yes.
    - vii. Using neonstore package was a bit painful for John to install
      1. Don't want people to rely on others get neonstore
      2. Can we host on Jupyter notebook to have libraries pre-installed?
      3. Google Colab is another option - Jody will connect Will with Rachel Torres so she can help get him set up
        - a. There is an easy way to link your Google drive to it. If we create a shared Google folder then can use that to upload data in case the packages are slow
      4. Can also send out instructions to everyone 2 weeks and 1 week prior to the
    - viii. GitHub actions is running smoothly. The functions for the ARIMA baseline model is working
    - ix. How will people interact with the submissions? Will they have access to the keys? What is our goal for how people will interact with the challenge
      1. Want them to make forecast, submit, and get score back
      2. Is there an artifacts bucket with ingest with formatting checks?
      3. Quinn/Carl can help figure this out - how to operationalize for the user. Jody to ping Quinn and Carl about this in the follow up email/Slack note.
    - x. Right now, working on getting things set up. Making choices right now and will have survey to get feedback on what the next steps are
    - xi. In future would like to consider fire severity. Dave has this on his list, but he hasn't had a chance to work on this further.

1. Brittany can look into getting this information if they are in the shapefiles. Don't think they are in the shapefiles. Was planning to save in the bucket for their modeling purposes.
- xii. Option to host an online version after the conference?
1. If people are interested Jody is happy to provide the support to set up the virtual call and have a recording