Lab meetings

Someday

Cho's goals

- ROSES
  - Work with the research office to improve the proposal
- ERDC
  - Start a pre-proposal
- SWE
  - Literature review
- AGU abstracts
  - POSE
  - SWE
- Dr. Srini for SWAT

2024-06-24

Mahesh

- SWE
  - Complete the training (8 hours spent)
  - Literature review & summary (0 hours spent)
  - NSE (12 hours spent, 8 hours)
  - Forecasting for the proposal (12 hours, plan to finish it by Wednesday)
    - Expected output: A text file with observed and predicted SWE time series

Asad

- CAMP
  - Regression raster calculations (5 hours spent)
    - Done in GRASS GIS
  - Documentation (0 hours spent, 4 hours)
    - Spent time on publication (NO! NMDOT doesn't pay for your publication and thesis)
    - This time is for the CAMP *report*.
  - Frequency analysis (8 hours)
  - Calculate the culvert capacity (0 hours spent waiting for q*.tif, 8 hours)
- Publication ⇒ Thesis
  - Important
- AGU abstract

Abdullah

- WRRA
  - Prepare VIC inputs (30 hours)
    - Completed

                - Soil
                - LAI
            - Working and TODOs
                - Weather forcing
                - Global parameters
                - Elevation in soil: Aggregate USGS 10m DEM and replace the elev column in the soil input file
        - Literature review for the proposal (0 hours)
            - 2-3 hours last week
- DISES: Documentation (10 hours)
    - On Overleaf
    - Last week's work
        - Issue documentation
        - How to reproduce everything
- HEC-RAS 2D floodway (wants to publish it this year)
    - Basic model ready
        - 1m DEM
        - Chattahoochee River (250m-long river section)
    - TODOs
        - Encroachment
        - Hydrograph
        - Study rhdf5 (R library)
- AGU abstract

2024-06-17

Cho's goals

- NSF ROSES
    - Complete section 3a
- ERDC
    - Select an appropriate program
    - Start a literature review
- POSE
    - macOS CMake

Abdullah's goals

- WRRA
    - Prepare VIC inputs (25 hours)
    - Literature review for the proposal (5 hours)
- DISES: Documentation (10 hours)
- HEC-RAS 2D floodway (wants to publish it this year)
    1. Identify the study area and resolution
    2. Make a HEC-RAS 2D model

Asad's goals

- CAMP
    - Complete the regression raster calculations (2 hours)

    - Documentation (10 hours)
    - Calculate the culvert capacity (8 hours)
- Publication ⇒ Thesis
    - Important

Mahesh's goals

- SWE
    - Complete the training (5 hours)
    - Literature review & summary (15 hours)