

Sprint 109 - Validation

Aims

1. [Git and codebase tutorial \(Joel\)](#)

Added mid sprint

Highlights

Completed

1. Git and codebase tutorial (Joel)

Outstanding

Issues

Initial Plan for next sprint

1. NeSI CH burn simulations
2. Plan Kisti HC burn simulations
3. Vahid:
 - a. CS timeseries for building response
4. [Median events in automated workflow](#)
 - a. Add median vs rel switch to dependencies (all set to rel for now).
 - b. Prepare code to add median tasks to db for all events

Tasks pending

1. Update SDOF rotd calculation
2. North Island tomography
 - a. Run small magnitude validation (execution)
 - b. Run moderate magnitude validation (execution)
 - c. Run HikWgttnmax curved 100m (James, execution)
3. Site specific
 - a. Run small magnitude validation (execution)
 - b. Run moderate magnitude validation (execution)
 - c. Run HikWgttnmax curved 100m (James, execution)

Refactor wishlist

1. Add srf generation steps to automated workflow - In progress
2. Add median source generation - In progress
3. rel2vm_params logic refactor
4. timeseries.py - Make abstract Seis class and make automatic seis loader
 - a. Add versioning for HF/BB seis files?
5. MPI IM_calc

Other