Key Issues

- Stress-parameter
  - Median for M4-5 from data
    - Value will be dependent on the method (FFS) and assumed GS & Q (PS)
  - Magnitude dependence?
    - Does mag scaling in WUS apply to CENA?
    - Strong mag scaling in small mag in Swiss data
    - Effect of source finiteness (or below aslo)
  - Do differences in stress-parameter for small mag between regions imply differences in stress-parameters for large magnitudes?
    - Chiou study of CA data showed difference between Central and Southern CA for small mag, not seen in large mag
    - May just be attenuation differences and sampling
      - Check using the nga-west2 small mag data set
  - Depth dependence?
    - Depth dependent with small aleatory
    - Depth independent with larger aleatory

- Point source models
  - Plan to have several alternative shapes
    - Scaling for 2nd corner (using FFS as a guide)
    - Mag/freq dependence of GS?
  - Validation for same sets of events as FFS?
    - How much worse is PS validation compared to FF validation?
  - Validation against NGA models
    - General test of the ability of PS models to mimic empirical models

- Finite-fault simulations
  - Stochastic FF
  - Deterministic for low freq
- Need to clearly define optimized (free) parameters and fixed scaling in the model
  - Need method to develop inputs for forward modeling
- Validation with NGA west?