Cybershake Run Manual

A more up to date run manual is available here: Ground motion simulation run manual (20p07)

Here are the sequential steps to run Cybershake NZ:

Step 1: Determine the list of faults considered

Step 2: Determine the number of simulation jobs for a given fault

Step 3: Create SRFs for all realisations of the considered faults

Step 4: Generate velocity models for the considered faults

Step 5: Run input verification and core-hour estimation

Step 6: Submit simulation jobs to HPC

Step 7 and onwards needs to be added once the codebase for the IM verification part of the workflow is stabilised.

IM *calc* and *IM*agg

Verify IM based on epsilon

Plot IM, and empirical median

Calculate hazard

Plot for a list of sites

visualization tools