

Sprint 14 1811-03

Overview

Duration: 26 Nov - 7 Dec (10 days)

completed	in progress	to do
49	3	13

(vs record 49 completed sprint 12)

Epic	Story	Owner	Deliverables	Link
SeisFinder	(Complete prototype mid-Dec) 1. Merge 'hazard' & 'deagg' code a. KT/BB to confirm script workflow b. extend to add GM selection 2. Finalize GM selection integration (incl. plotting) a. benchmark problem b. CS18.6 inputs 3. Several test cases to check usability	Karim Sung	1) Done 2/3) Pending IMDB indexing / performance evaluation	
SRF generation /randomisation	Basic development to extend existing functionality SRFgen HFparams	Viktor	?	
SimWorkflow	1. Folder hierarchy - use 18.9 to verify 2. Params.py -> params.yaml: determine separation of params into 3 types. (a) via wiki discussion, (b) implement 3. Metadata: use 18.9 as testcase, work with BB (give pandas) to determine generic plots 4. Empirical automation: test with 18.9, vary 'acceptance criteria', create validation-params file 5. Versioning : develop discretised plan for implementation 6. Cybershake : srf and stoch matching	Melody Jason Jonney	1) 18p9 has not run again yet. But in all of our independent tests the folder change seems stable - Needs full verification of results 3) Mitigated due to higher priority work 4) Automatic workflow has been manually tested- few known bugs and dependancy on verification not created 5) Plan hasn't been formalised but foundations of plan have been discussed a) select version during 6) Developed codes to analyse current version n random waveform plots	1 – Simulation Folder Structure 2 – 3.Remove params*.py from the new Cybershake install structure 3 – Plotting Meta Data 4 – Empirical Verification Automation
Ground Failure	BB/JM			
Misc	Providing csv files for Xavier File cleanup on NeSI		One Darfield simulation was provided to Xavier to check formats as required Waiting on Hoby for which Kaikoura/Darfield srf/vm is the best to use. Hypocentre location file	