

Sprint 35 1910-01

Overview

Duration: 07 Oct - 18 Oct

completed	in progress	on hold	review	to do
49	3	5	1	9

(vs record 61 completed sprint 19)

Epic	Story	Owner	Deliverables	Link
Validation	<ol style="list-style-type: none">1. Generate VM perturbation file using binary from Rob Graves2. Use transect plotter on perturbation file if possible3. Generate workflow diagram of how VM perturbations integrate with the rest of the workflow	James	<ol style="list-style-type: none">1. Initial perturbation file created for Moonshine.2. Plots generated from custom plotter, transect plotter didn't seem suitable for the task3. Generated	Velocity Model perturbations Emod3d version comparison
Cybershake	<ol style="list-style-type: none">1. Final results for v18.6 & v19.52. Confirm old & new give consistent results3. Extract desired benchmarks for SeisTech cross-comparison4. Sim/animation/PGV with new offshore basin NZVM (2.03)	Jonney	<p>Hazard maps, ratio plots of simulation 18.6 over 19.5 done</p> <p>4) Sim&animation are done. slice-plotting scripts needed fixing (needs a script from Robin)</p>	Cybershake Checklist
Slurm Workflow	<ol style="list-style-type: none">1. GMSimViz for Hikurangi2. Sim Atlas : Requested items3. sbatch'4. Create mean and standard deviation im plots	<ol style="list-style-type: none">1) Viktor2) Sung3) Jonney4) James	<ol style="list-style-type: none">2) Running on rccvm. But animation with topo seems to have issues (suspected Ghostscript)3) Done4) Created	
SeisTech	<ol style="list-style-type: none">1) Finish flt / ds calculation script2) Write script to create parametric db3) Profile empirical calculation script<ol style="list-style-type: none">a. Numba for Bradleyb. Numba for Zhao (in progress)4) Create IM csvs for Hikurangi and create 18p6 and 19p5 IMDBs5) Investigate hazard curve differences6) First stage of combining workflows	Claudio, Jason	<ol style="list-style-type: none">1) Script finished. Ran for 13 benchmark stations2) In progress - encountered bug.3) Looking at ways to speed up empirical calculation.5) On hold4) Done for 18p66) Done(ish), ongoing	
Test		Sung		
Bug fixes				
Seismic risk				
Empirical engine				
Misc	<p>KISTI/TACC access</p> <p>Sim Atlas</p>	Sung	5x 200m simulations done and animations produced (in progress)	

Example plot empirical plot with mean and standard deviation shown.

