

Sprint 28 1906-02

Overview

Duration: 24 Jun - 5 Jul

completed	in progress	on hold	review	to do
47	6	2	4	4

(vs record 61 completed sprint 19)

Epic	Story	Owner	Deliverables	Link
Validation	Help Sarah /Robin as needed			
Cybershake	Complete CS19p5 Cybershake pseudo validation	Jonney	Simulations of Hossack, Alpine and Moonshine to compare 5.4.5.1 & 5.4.5.2 And a point source with VM >250 km to see the path duration cap in practice.	
Slurm Workflow	<ol style="list-style-type: none"> Complete SRF2Stoch to use target-dx /dy and comparison Refactor pre-processing / install (low priority) Tidy up workflow script for IM_plot & plot_stations create workflow for plot_srf_square & plot_srf_map Test extended DEM (ethans changes) 	<ol style="list-style-type: none"> Jason James 3-4: Melody 	<ol style="list-style-type: none"> Done - Can only use target dx and dy for point sources (doesn't matter), finite faults and single segment type 4 ruptures. As HF can only have one dx per stoch file. <ol style="list-style-type: none"> Finite Fault Rounding in NHM2SRF - if the fault is larger than Mw7.5, then round to the nearest 500m otherwise round to the nearest 100m. Minor to no changes for IM plots. Feature branches for pre-processing and install refactor created. <ol style="list-style-type: none"> Database installation refactor complete. Installation refactor, srinfo2vm refactor and nhm2srf refactor mostly done. Minor changes required to each. Workflow integration waiting on these changes. <ol style="list-style-type: none"> Need discussion about potential Data directory refactor & 4: workflow scripts for IM_plot & plot_stations , plot_srf_square & plot_srf_map created and tested. Currently under review regarding python2 & 3 environments. To do: Update plot_stations.py & plot_srf python scripts to python3 Simulation work fine. Uncovered an issue with sim duration for large offshore ruptures. 	2) Pre-processing and installation refactor Cybershake data directory structure

SeisFin der	Implement skeleton business layer with different target groups Separating a standalone Disagg app	Viktor, Sung	Can produce separate Hazard curves before merging into ensembled one Disagg web app completed (site location is hard-coded) Portal framework is completed with access control To dos: Integration test of Disagg web app and portal framework: confirm functionality and access level control Design/implement site selection + project + user dashboard
Test			
IM_Cale	Prepare advanced-IM run?	Jason	Have the code from Vahid. Just getting it ready. Looking to do a small magnitude point source run with only <10 stations.
Bug fixes	srinfo2vm rake issues for multi segment faults with multiple rakes	James	Fix implemented. May need to create a more in depth one if issues arise.
Seismic risk	Infrastructure data points for LS /LIQ for Kaikoura, Darfield & ChCh	James	Completed, submitted to Liam
Misc	Run Hik Subduction + GMSimViz (low priority) QCAM Poster abstracts	Jason / Sung	Hik Subduction LF all done. HF needs investigation. Abstracts all done

Disaggregation

Options

[Disagg by Type](#)
[Disagg by Epsilon](#)
[Top Contributing Faults](#)

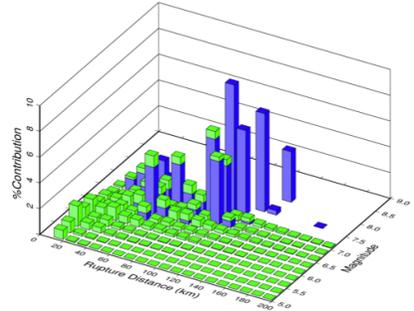
Data
Cybershake 2018.06

Site
CCCC

Intensity Measure
SA_1p0

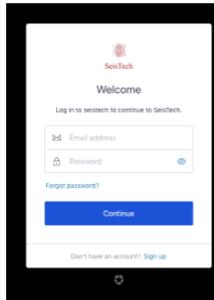
Exceedance
6 5

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 Fault
  Distributed Seismicity

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