

Sprint 47 2004-01

Overview

Duration: 8 Apr - 17 Apr (5 day (Late start plus Easter Friday, Monday, Tuesday))

completed	in progress	on hold	review	to do

(vs record 61 completed sprint 19)

Epic	Story	Owner	Deliverables	Link
Validation	Run simulations for validation dataset (400m 200m/100m)	Jason/Robin		
Cybershake	Monitor runs update the status every morning Generate SRFs VMs for subduction sources (400m)	Jason Jonney James	1) Cybershake SC Done 2) 3) Subduction srf and vm sources generated	
Slurm Workflow	1. GeoNET code Python3-ize (LP) 2. Getting ready for 200m on Maui/KISTI a. HF/BB are the same. Should we run LF on KISTI and transfer data for BB? 3. KISTI: So far only confirmed LF/HF/BB working in non-automated way) a. PBS auto-generation b. CH estimation c. Getting extra accounts	1) Jason (background) 2) Sung 3) Jonney	2. Decided to run all LF/HF/BB on KISTI 3. a. PBS is fully integrated into slurm workflow. b. Tensorflow built c. account shared. (To do: workflow, qcore code changes to be generalised)	
SeisTech	1. GM Selection for Empirical 2. Automate documentation 3. Front-end a. Finalize Milestone #1 b. Milestone #2 i. authentication. ii. user access to individual tab controlled by authentication iii. User data managed by API, and additional user data kept in a separate db iv. Data integrity and consistency between Auth0 and separate db maintained.	1) Daniel 2) Background task (Jason) 3) Andy	4) Generating site-source DBs for new non-uniform grid	Roadmap (scientific functionality list) Production - TODO (longer term tasks)
Automated Broadband waveform from Geonet	(LP)	Viktor		
IM Calc				
Bug fixes				
Seismic risk				
Machine Learning	1) NN - GMM ■ Implement an initial basic pipeline with some NN config + flexible feature selection & preprocessing 2) GM Classifier – see link	Claudio		GM classifier - progress

Empirical engine	To discuss: What do we do with output from empirical auto workflow? (currently csv files)			
Misc	<ol style="list-style-type: none"> 1. SimAtlas simulation+animation: : Test auto workflow with batch 4. (total 100 faults) 2. Hikurangi geometry 3. Finalize Vs30 4. Misc. plotting/visusalisation for Brendon 	<p>Sung/Jonney</p> <p>2. James</p> <p>3/4. Viktor</p>	<ol style="list-style-type: none"> 1. . 2. Interpolations of Charles' hikurangi surfaces completed 3. Easy to follow GitHub readme. 4. As posted on Slack. 	<ol style="list-style-type: none"> 1. SimAtlas simulation+animation 2. Hikurangi surface geometry 3. https://github.com/ucgmsim/Vs30