Slurm workflow misc logs

Unsolved In-progress Solved

User Name	Issue	Possible solutions	Status
Jonney Karim	Legacy params left in params.py (e.g nproc)	complete remove it and use the new way of deciding non-default nprocs (by parsing it to submit_*.py) or make the submit code read params.py for default values, but also keeping the parsing feature.	Unsolved
Jonney Robin	Pathing Error if using old simulation files from Fitzroy	Bash script to replace desired file and value	Solved
Jonney Karim	Misleading message for choosing station list when installing simulation. Script as the user if they want to use "real stations?", but if user wants to use non-uniform grid, they have to choose "yes"	reclassify the station list, and modify the message(question) shown	Unsolved
Jagdish	Job terminated due to not enough memory	Increase number of cores (for simulation of Canterbury region use 160 cores - Jonney's suggestion).	Solved
Jonney Karim	Post-EMOD3D(win-bin) failed when given core numbers that are less to the number used for EMOD3D.	1.the default value of cores is set to be the same as EMOD3D's default. 2.Temporary solution: edit the slurm script to use the same ntask as EMOD3D used. (if the ntask of EMOD3D is not using default value) 3. permanent solution: adjust the winbin-aio-mpi.py to make it more robust.	Unsolved
Jonney	Special characters (e.g &) will crash the whole workflow	probably a script to check for special characters when generating models.	Unsolved