

How Scientific Programmers at NeSI are growing researcher capability



The Power Behind Researchers

Growing the computing capability of New Zealand researchers to ensure our future prosperity

Delivering value through eScience services



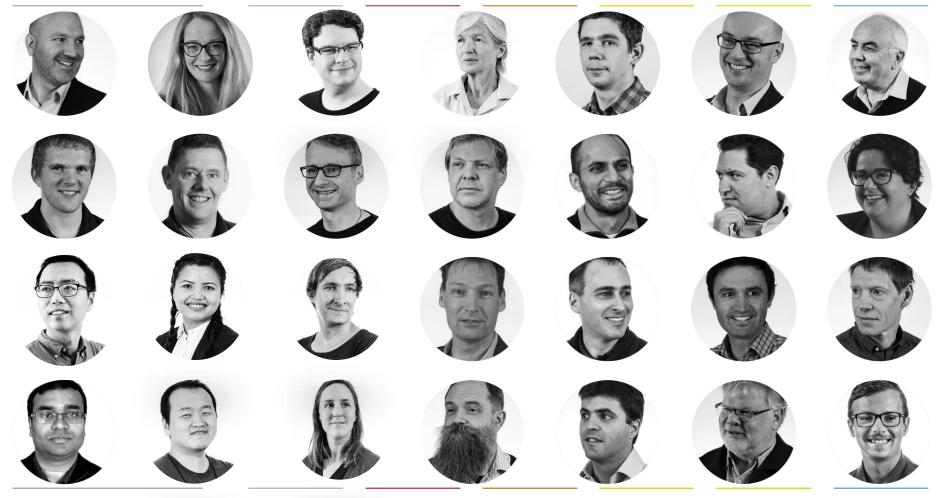
High Performance Computing – computation and analytics



Consultancy Training



Data transfer



New Zealand eScience Infrastructure



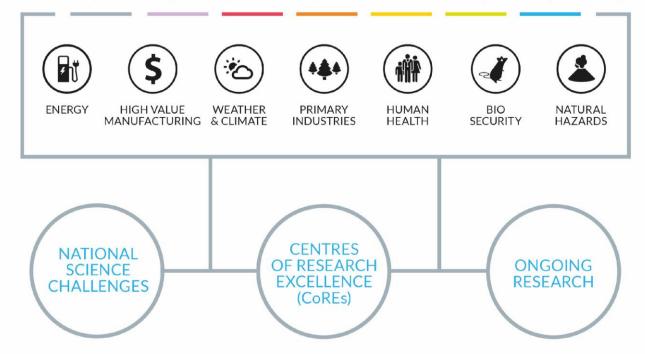




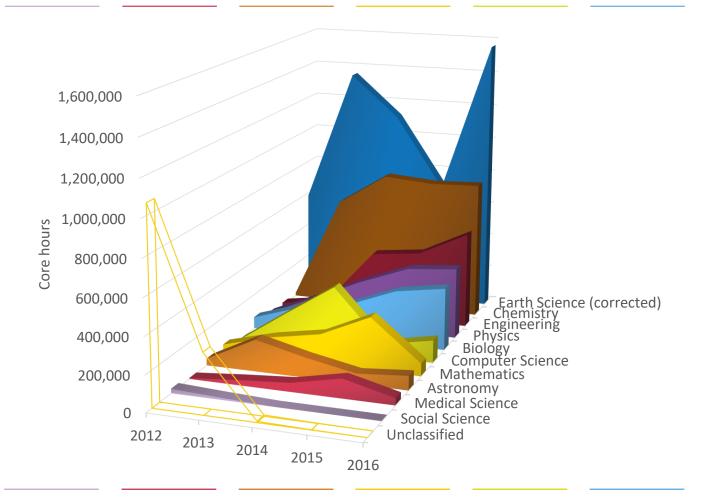




Computing capability for future prosperity



HPC utilisation by discipline



Growing the computing capability of NZ researchers



NeSI's Scientific Programmers



+ Data Science Specialist



+ Data Science Specialist



+ Data Science Specialist







Delivering value through eScience services



High Performance Computing – computation and analytics



Consultancy Training



Data sharing and transfer

Need to run better/faster on NeSI platforms? Are you currently developing custom software for your research needs?

Do you think you could be using NeSI more efficiently or the code you are using could be running faster?

Could you benefit from custom visualisation for extra impact in

your research outputs?



Consultancy

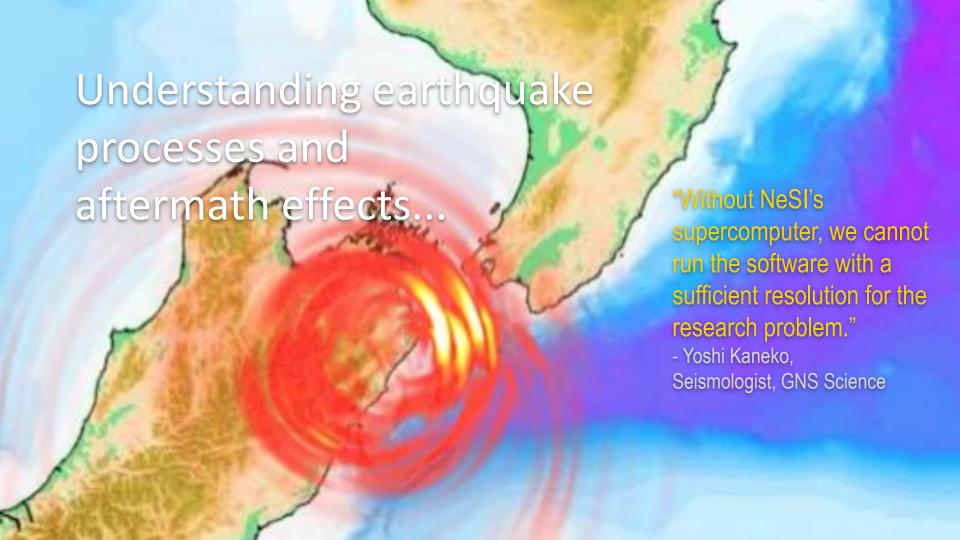
Consultancy Service



- A service offered to NeSI platform users, generally at no cost to the researcher
- Research group granted access to one or more of NeSI's Scientific Programmers
- Projects offered ~90h over 3 months
- Goal is raise the capability of the research group so emphasis is on transferring skills



Challenge – identifying projects which would benefit from a Consultancy Project









Training

https://www.nesi.org.nz/services/training/overview/training-strategy

Enabling researchers to do better research...

by supporting communities: digital skills and capability building



Plant and Food: Software Carpentry







Scion: Software Carpentry



CRI Coding Conference 2016



Winter bootcamp: University of Auckland Software Carpentry workshop









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SAVE THE DATE

eResearch NZ 2019

