NZHS Technical Workshop

2024 Data Workshop Programme

10th April 2024 – Queenstown

Managing Expectations: Quality, Quantity, Resources, Resilience

Wednesday 10th April - DATA WORKSHOP PROGRAMME			
Time	**Item**	**Speaker**	**Organisation**
08:30	**Arrival Tea & Coffee**		
09:00	Workshop Welcome & Introduction	Angela Perks	BOPRC
09:10	An Introductory Overview to Hydrologic Information Systems for Aquatic Sensor Data	Amber S. Jones	USGS
09:30	Machine Learning and AI Speed up Data Validation for Quality Assurance	Sean Quereshi	Aquatic Informatics
09:50	Session One Topics	Group Discussion	
10:20	**Morning Tea**		
10:50	Community Based Monitoring	Juliet Milne	Traverse Environmental
11:10	Session Two Topics	Group Discussion	
11:40	**Interactive Session:** A Python Package for Automating Aquatic Data QA/QC	Amber S. Jones	USGS
12:30	**Lunch**		
13:30	How to ~~lower~~ manage expectations and meet annual data targets	Shontelle Milne	Environment Canterbury
13:50	What is happening with my data?	Darren Gerretzen & Jas Robb	NIWA

14:10	Groundwater Quality Metadata: Problems, Solutions & Outcomes	Jennifer Tregurtha	Environment Canterbury
14:30	Session Three Topics	Group Discussion	
15:00	Data Workshop Wrap Up & Feedback	Angela Perks	BOPRC
15:05	**Data Workshop Close and Afternoon Tea**		

Please Note:

To make the most out of the interactive Python Session, you will need the following:

- A laptop with internet connection
- A test time-series of your choice in csv format
- An account set up on the HydroShare system

More information relating to this session will be provided prior to the Data Workshop.