Confluence 2023 Tentative Agenda

	Thursday 19th October 2022 11:00-15:00 Venue: University House - Woodhouse Suite and St George's Room
10:45	*Registration*
11:00 **10 min**	Welcome- Directors water@leeds Office introduction
11:10 **50 min**	**water@leeds Lightning Talks Session 1** • Cathryn Birch (E&E) - Understanding and predicting extreme weather • Daniel Colson (SoG) - Open-water pools on a concentric-patterned raised bog – a window into six decades of change • Carolina Montoya Pachongo (Civil Engineering) - No water, no coffee. • Jan Selby (POLIS/Social Sciences) - Water, Climate Change and Security • Wentao Yang (SoG) – TBC • Addi Manolopoulou (Business Faculty) - Leadership lessons from the water • Madison Wright (Civil Engineering) – TBC • Steve Carver (SoG)- TBC • Mirsya Mulyani (E&E) - Material production and its risk of pollution • Cheng Wen (E&E) - Can Free Soil Sampling Schemes Motivate Persistent Behavioural Change in Soil Nutrient Management for Water Quality Protection? Evidence from Northern Ireland • Qiuyu Zhu (SoG) - A quantitative review of Nature Flood Management • Eric Atwell (Computing) - ChatGPT, Large Language Models and Generative AI for water research? • Taylor Maavara (SoG) - Finding the leaks: Carbon loss and greenhouse gas emissions along river networks • Geoff Goodwin (POLIS) -The Politics of Drinking Water Fountains • Fiona Middlebrook (KEN) – Knowledge Equity Network • Adam Booth (E&E) - Warming groundwater: geophysical surveys to monitor aquifer thermal energy storage
12:00 **30 min**	water@leeds Mission-led initiatives **Mission 1 & Mission 2**
12:30 **40 min**	**Networking lunch**
13:10 **30 min**	water@leeds Mission-led initiatives **Mission 3 & Mission 4**

13:40 **45 min**	**water@leeds lightning talks Session 2** • Miller Alonso Camargo-Valero (Civil Engineering/ FEPS) - Circular economy powered by solar energy: the use of photosynthesis for nutrient recycling • Devakunjari Vadibeler (SoG) - Sensor based soil analysis • Nick Sheppard (Library) - Wikimedia and Open Research - the PEATMAP dataset • Jiaqi Ge (SoG) - A proposal to develop a framework to coordinate flood risk management behaviours • Danielle Robinson (E&E) - Drivers of abundance and spatial distribution of reef-associated sharks across an oceanic atoll • Thitipoom Chailert (Civil Engineering) - Enhancing flash flood forecasting accuracy via machine learning • Andy Turner (Research IT) - ResearchComputing@Leeds • Hang Wu (Civil Engineering) - Multi-hazard landslide dams on the global scale: distribution, characteristics, and formation • John Nightingale (SoG) - Pharmaceutical uptake into Zea mays - a model validation • Joshua Cohen (E&E) - Doing Riverkinship • Radhika Borde (SoG) - A critical perspective on tasking women for SDG 6 implementation • George Aivaliotis (Mathematics) -Recent research overview • Josie South (Biology) - Bettas of Bangka Island • Anna Mdee (POLIS) - SDG 6.5.1. - opening the black box of a nonsense indicator
14:25	Closing- • Announcements and opportunities