

GLEON 2024 Virtual Meeting Poster Session April 9-10

Type	Lead author	Title	Location	Presentation day
Poster	ADEBUKOLA ABORIGHO	Investigating the Impacts of Heatwaves and Salinization on the Respiratory Rates of Freshwater Crustacean Zooplankton	Blue1	Tuesday
Poster	Arif Ahmed	Effects of multiple stressors on freshwater quality and growth of microalgae, <i>Selenastrum Capricornutum</i> : A microcosm assay	Blue2	Tuesday
Poster	Daniel Atton Beckmann	Resolving chlorophyll-a using Planet SuperDove imagery in a small, shallow lake	Blue3	Tuesday
Poster	Husnah Azmi	Sounds of the Water: Studying the influence of Macrophyte Removal on the Underwater Soundscape in Lake Scugog, Ontario	Blue4	Tuesday
Poster	Ingrid Chorus	Controlling cyanobacterial blooms through nutrient load reduction: evaluating experience from around the globe	Blue5	Tuesday
Poster	Ingrid Chorus	Partitioning potential productivity through the water column across time and space in US lakes	Blue6	Tuesday
Poster	Julia Golebiowska	Quantifying the role of aggregate-associated microbial processes and interactions for C-cycling and aquatic terrestrial coupling in the Elbe Estuary	Blue7	Tuesday
Poster	Megan Klutts	How different New Jersey zooplankton communities respond to natural and anthropologically derived saltgradients – a microcosm study	Blue8	Tuesday
Poster	Sofia La Fuente	Increasing warm-season evaporation rates across European lakes under climate change	Blue9	Tuesday
Poster	Fatima Laraib	Are Water Treatment Plant Intake Samples Representative of the Epilimnion?	Blue10	Tuesday
Poster	Abigail Lewis	Ecological memory of spring air temperature drives summer water quality dynamics across 615 temperate lakes	Blue11	Tuesday
Poster	Yike Li	Modeling of carbon emissions from inland waters: a systematic literature review	Blue12	Tuesday
Poster	Zohreh Mazaheri Kouhanestani	Winter impacts on water quality and cyanotoxin dynamics in dimictic versus warm monomictic lakes: Climate change implications	Blue13	Tuesday
Poster	Ma Cristina Mercado	Assessing Central European Lake Dynamics: Mapping, Hydrology, and Environmental Influences	Blue14	Tuesday
Poster	Ma Cristina Mercado	Climate and land use shape the water balance and water quality in selected Central European lakes	Blue15	Tuesday
Poster	Veronica Nava	Enhanced heterotrophy in aquatic ecosystems linked to plastic pollution	Blue16	Tuesday
Poster	Iuliia Novikova	Changes of temperate lake ice due to climatic variability: critical contribution of snowfall in early winter	Blue17	Tuesday
Poster	Ulrike Obertegger	Inter-year and inter-season variability of zooplankton of a mountain lake with a special emphasis on under-ice communities	Blue18	Tuesday
Poster	Rachel Pilla	Shifts in carbon emissions versus sequestration from hydropower reservoirs	Blue20	Tuesday
Poster	Ils Reusen	CAPITAN TAKI – CLIMATE ADAPTATION PLANNING THROUGH WATER MONITORING IN THE LAKES TANGANYIKA AND KIVU	Blue21	Wednesday
Poster	Jenna Robinson	Understanding the effects of a Poly Aluminium Chloride treatment on lake ecology	Blue22	Wednesday
Poster	Sai Hariharan Sankara Subramanian	Spatial and Temporal metagenomic analysis of the microorganism community in the Oder after the appearance of the toxic brackish water alga <i>Prymnesium p</i>	Blue23	Wednesday
Poster	Anna Schmidt	Freshwater zooplankton diel vertical migration and carbon flux under varying levels of planktivory: a mesocosm-based approach	Blue24	Wednesday
Poster	Bryant Serre	Assessing the Impact of Dynamic Chloride Exposures on Zooplankton in Toronto’s Inner Harbour	Blue25	Wednesday
Poster	Tommy Shannon	Drivers of Algal Metacommunity Assembly and Resilience in a Subtropical Wetland	Blue26	Wednesday
Poster	Ludmila Silva Bighenti	Rapid responses of tropical plankton communities to nutrient and light manipulations	Blue27	Wednesday
Poster	Claire Stevens	Nuanced connections between ice phenology and summer phytoplankton blooms	Blue28	Wednesday
Poster	Xinyu Sun	Mapping human impact: A multivariate index for lakes across the conterminous US	Blue29	Wednesday
Poster	Maria Tereshina	Observed and simulated future climate-related changes in thermal regime of a small lake in European Russia	Blue30	Wednesday
Poster	Rosan van Halsema	Citizen Science: Ecological Water Quality Monitoring of Small Waters in the Netherlands	Blue31	Wednesday
Poster	ELIZABETH WANDERI	Drivers of water quality and biogeochemistry of waterpans in Afrotropical arid and semi-arid lands	Blue32	Wednesday
Poster	Caitlin Williams	Investigating how winter algal growth facilitates summer algal growth	Blue33	Wednesday
Poster	Clayton Williams	A Low-Cost, Customizable Water Quality Sensing System for the Detection of Algae and Cyanobacteria in Lake Monitoring	Blue34	Wednesday
Poster	Qing Zhan	LTER-LIFE: where you build digital twins of ecosystems	Blue35	Wednesday