



3rd Paleolimnology & Limnogeology International Symposium

FRIDAY 10TH 6-10th October 2025 - Aix les Bains (France)



ROOM BOURGET

Time start - end	Session name	Speaker	Title	
08:30 ▬ 08:45				
08:45 ▬ 09:00	II-3-Sediment inorganic geochemistry: methodological developments and applications in paleolimnology	Moyle Madeleine	<ul style="list-style-type: none">Proxies, process, and pitfalls - practical applications of sediment geochemistry for reconstructing catchment-lake phosphorus dynamics using a budget approachFrom XRF to landscape P yield history: a lake mass balance model critically testedA mid-Holocene shift in sediment redox conditions evidenced by geochemical, magnetic, and lithologic dataElementome Trajectories reveal long-term ecological and biogeochemical shifts in ecosystem historyExpanding the Reach of μ-XRF: Methodological Advances for Paleo-Storm Reconstructions in Ombrotrophic PeatlandsSeeing Sediments in a New Light: Hyperspectral Imaging for Paleoenvironmental InsightsHigh-resolution prediction of sediment grain size distribution from XRF-core scanning geochemical measurements	
09:00 ▬ 09:15		Boyle John		
09:15 ▬ 09:30		Grigg Laurie		
09:30 ▬ 09:45		De La Casa Javier		
09:45 ▬ 10:00		Lachance Antoine		
10:00 ▬ 10:15		Debret Maxime		
10:15 ▬ 10:30		Francois Lemot		
10:30 ▬ 11:00	COFFEE BREAK			
11:00 ▬ 11:15	POSTER SESSION (II-3; VIII-3)			
11:15 ▬ 11:30				
11:30 ▬ 11:45				
11:45 ▬ 12:00				
12:00 ▬ 12:15				
12:15 ▬ 12:30	LUNCH BREAK			
12:30 ▬ 13:45				
13:45 ▬ 14:00	VIII-3-Coastal lakes and lagoons: archives of past extreme-wave event, climate and environmental variations	Olabayo Olaopa Samuel	<ul style="list-style-type: none">Hydrological shifts in the southern Levant during the Pliocene: a multi-proxy study of a lagoonal-lacustrine setting from the Dead SeaMultiple glacial-interglacial sequences in a Darwin-type barrier-reef lagoon: Implications for paleoclimate, sea-level changes and subsidence since the Late-PleistoceneUsing Ostracods as Indicators of Recent Coastal Environmental Change in Caribbean mangrovesHolocene Depositional Evolution of Two Coastal Lagoons in Formentera (Balearic Islands): A Multiproxy Paleolimnological ApproachVulnerability of blue carbon in coastal freshwater ecosystems to sea-level rise	
14:00 ▬ 14:15		Hosmann Siro		
14:15 ▬ 14:30		Boissière Coralie		
14:30 ▬ 14:45		Galofré Penacho Marcel-Saïd		
14:45 ▬ 15:00		Ghosh Suvrajit		
15:00 ▬ 15:30	COFFEE BREAK			
15:30 ▬ 15:45	VIII-3-Coastal lakes and lagoons: archives of past extreme-wave event, climate and environmental variations	Hess Katharina	<ul style="list-style-type: none">Coastal lake sediments as archives of extreme overwash events - A 1500-years multi-proxy record from the Shetland Islands, UKSand, Mats and Mud--A 5ka Climate and Hurricane Record from of a Coastal Lake Basin on Eleuthera, The BahamasSedimentary records of paleo-tsunamis and paleo-storms from two coastal lagoons in Guadeloupe, Lesser Antilles.Detecting tsunami beyond the limit of sand deposition in the sedimentary archives of coastal lakes and plainsEfficacy of the Echoes 10 000 sub-bottom profiler for imaging sediment layering in ultra-shallow lagoons	
15:45 ▬ 16:00		Park Boush Lisa		
16:00 ▬ 16:15		Tallon Marie		
16:15 ▬ 16:30		Paris Raphaël		
16:30 ▬ 16:45		Brocard Gilles		
16:45 ▬ 17:00				
17:00 ▬ 17:30	SYMPOSIUM AWARDS			

ROOM ANNECY

Time start - end	Session name	Speaker	Title	
08:30 ▀ 08:45	VI-2-Identifying climate extremes from lake archives	Tyler Jonathan	<ul style="list-style-type: none">Hydroclimate variability in Australia through the last 2000 years: a critical review of archives and trendsIncreased dust input in the southern Zagros Mountains during North Atlantic cold events: evidence from Lake Parishan, SW IranHolocene environmental dynamics from interdunal wetland archives from Kanem (northern Sahel, Chad)The 8.2 kyr drought event during the African Humid Period suggests potential return of severe drying of the SaharaDetermination of Late Holocene Climate Changes in Sedimentary Records of Salda Lake (Burdur)Temporal dynamics of valve size evolution in an endemic diatom from Lake OhridOne million years of Mediterranean climate dynamics revealed by Lake Ohrid's pollen recordFrom single site to spatial reconstructions: using European lake records to explore Common Era decadal climate variability through space and time.	
08:45 ▀ 09:00		Safaierad Reza		
09:00 ▀ 09:15		Hoelzmann Philipp		
09:15 ▀ 09:30		Sylvestre Florence		
09:30 ▀ 09:45		Yilmaz Serra Selen		
09:45 ▀ 10:00		Zaova Dušica		
10:00 ▀ 10:15		Peyron Odile		
10:15 ▀ 10:30		Boyllal Laura		
10:30 ▀ 11:00	COFFEE BREAK			
11:00 ▀ 11:15	POSTER SESSION (VII-1, VI-3)			
11:15 ▀ 11:30				
11:30 ▀ 11:45				
11:45 ▀ 12:00				
12:00 ▀ 12:15				
12:15 ▀ 12:30	LUNCH BREAK			
12:30 ▀ 13:30				
13:30 ▀ 13:45	VI-2-Identifying climate extremes from lake archives	Larsen Darren	<ul style="list-style-type: none">A lake sediment record of Holocene hydroclimate variability in the northern Great Basin, USA from Summit Lake, NVHolocene Glacier Surge Frequency at Kongsbreen Reconstructed from Threshold Lake Sediments in Sarsvatnet, Svalbard	
13:45 ▀ 14:00		Bakke Jostein		
14:00 ▀ 14:15	VII-1-(Sub)Antarctic lakes as recorders of local to global environment and climate changes	Buffoli Marina	<ul style="list-style-type: none">Post-glacial colonization, community assembly and taxonomic turnover in an East Antarctic lakeHolocene climatic changes on Kerguelen archipelago (South Indian Ocean) based on marine and lacustrine paleoclimatic archivesHigh-amplitude hydroclimatic variability on the Kerguelen archipelago in the early Holocene: $\delta^{18}O$ isotopes from leaf waxes suggest rapid movement of the Southern Westerly Belt	
14:15 ▀ 14:30		Bellet Emeline		
14:30 ▀ 14:45		Schneider Tobias		
14:45 ▀ 15:00				
15:00 ▀ 15:30	COFFEE BREAK			
15:30 ▀ 15:45	VII-1-(Sub)Antarctic lakes as recorders of local to ...	Bakke Jostein	<ul style="list-style-type: none">Common Era sub-Antarctic glacier variations modulated by the southern westerlies and sea surface temperatures in the Southern OceanA full-Holocene record of vegetation change in the northwest of Kerguelen mainland	
15:45 ▀ 16:00		Revéret Aloïs		
16:00 ▀ 16:15	VI-3-Understanding southern South America (SSA) climate: local to regional climate signals with modern and paleo data	Gomez Carolina	<ul style="list-style-type: none">Reconstruction of Westerly Winds Intensity Variability in Southwestern Patagonia: A Multiproxy Approach in Lake Sediments Since the Late PleistoceneA 15 kyr lake sediment record and past changes in the westerly winds from the Madre De Dios archipelago (50°S) in PatagoniaExploring the last two Millennia of Climate & Environmental Change in Central Chile: Insights from Lago NN Tantauco (42.8°S), Isla Grande de ChiloeAndean lake and bog sediment as archive of late Holocene climate change, volcanism and mining activities (Parinacota area, Chile, 4380 m a.s.l.)	
16:15 ▀ 16:30		Honiat Charlotte		
16:30 ▀ 16:45		Werne Josef		
16:45 ▀ 17:00		Guédrón Stéphane		
17:00 ▀ 17:30	SYMPOSIUM AWARDS			



3rd Paleolimnology & Limnogeology International Symposium

FRIDAY 10TH 6-10th October 2025 - Aix les Bains (France)



ROOM LÉMAN			
Time start ■ end	Session name	Speaker	Title
08:30 ■ 08:45 08:45 ■ 09:00 09:00 ■ 09:15 09:15 ■ 09:30 09:30 ■ 09:45 09:45 ■ 10:00 10:00 ■ 10:15 10:15 ■ 10:30	VIII-6-Imprints of natural and anthropogenic environmental changes in crater lakes	Tahri Anaïs	<ul style="list-style-type: none">Contribution of fossil diatoms to the reconstruction of the environmental history of the maars of the Massif Central: a comparative study
		Rantala Marttiina Fagel Nathalie Safaierad Reza Verschuren Dirk Mouhamed Amin Nsangou	<ul style="list-style-type: none">Increasing primary production and sediment carbon burial in five tropical crater lakes spanning Central MexicoEnvironmental evolution of Lake Santa Maria del Oro (Mexico) over the last 1500 years inferred from mineralogical and geochemical proxiesClimate change and human impact over the past 2,300 years in Central Mexico: a multi-proxy record from crater Lake TeremendoRecovery from mid-Holocene drought in the Lake Victoria basinEvidence of limnic eruptions in the sedimentary record of lake Monoun, Cameroon
10:30 ■ 11:00	COFFEE BREAK		
11:00 ■ 11:15 11:15 ■ 11:30 11:30 ■ 11:45 11:45 ■ 12:00 12:00 ■ 12:15 12:15 ■ 12:30	POSTER SESSION (VII-2, IX-1)		
12:30 ■ 13:15	LUNCH BREAK		
13:15 ■ 13:30 13:30 ■ 13:45 13:45 ■ 14:00 14:00 ■ 14:15 14:15 ■ 14:30 14:30 ■ 14:45 14:45 ■ 15:00	VII-2-Lakes in the Neotropics: Archives of paleoclimate and environmental change	Ramirez Giannina Martinez-Dyrzo Haydar Martinez-Abarca Rodrigo Unkel Ingmar	<ul style="list-style-type: none">Biomarker-based reconstruction of climate and land use change in Mid-Late Holocene sediments of Laguna Encantada, Chetumal, MexicoNew Evaporite Marker in Lake Kaná (Muyil Region, Mexico): Evidences for Early Maya Climate Stress and Abandonment during the Preclassic-to-ClassicTemperature reconstruction and biogeochemical signatures of limnological change in lowland Central America since the Last Glacial MaximumMonsoon variability and paleo-droughts during the Late Holocene at la Bang Lake, Central Highlands of Vietnam
	IX-1-Beyond just research data: The value of outreach...	Pérez Liseth E.galindo Paula	<ul style="list-style-type: none">Shaping the future of inclusion in limnogeology and paleolimnologyFostering Inclusion and Confidence: The Pre IAL-IPA 2022 & 2025 Virtual Meeting Experience
15:00 ■ 15:30	COFFEE BREAK		
15:30 ■ 15:45 15:45 ■ 16:00 16:00 ■ 16:15 16:15 ■ 16:30 16:30 ■ 16:45 16:45 ■ 17:00	IX-1-Beyond just research data: The value of outreach, education, equality, diversity and inclusion around lakes	Marchegiano Marta Smol John Achaga Romina Montade Vincent Giesecke Thomas	<ul style="list-style-type: none">ICDP Early Career Researcher Initiative: Fostering Collaboration, Mentorship, and Career DevelopmentLooking backwards: Braiding information from paleolimnology and Indigenous knowledge holders to address key environmental issuesConnecting Communities and Science: A Collaborative Paleoenvironmental Project in La Barrancosa lake, ArgentinaActive collaboration with people to collect paleoecological sediment core: Lessons learned from a participatory and interdisciplinary research project in Madagascar (CAROTRIP)Research, nature conservation, outreach and education need open, community-curated data
17:00 ■ 17:30	SYMPOSIUM AWARDS		

ROOM CÔME			
Time start ■ end	Session name	Speaker	Title
08:30 ■ 08:45 08:45 ■ 09:00 09:00 ■ 09:15 09:15 ■ 09:30 09:30 ■ 09:45 09:45 ■ 10:00 10:00 ■ 10:15 10:15 ■ 10:18 10:18 ■ 10:21 10:21 ■ 10:24 10:24 ■ 10:27 10:27 ■ 10:30	VIII-8-Arctic paleolimnology across permafrost - limnoscapes -	Thienpont Joshua Cameron Emma Jennifer Korosi Cosyn Wexsteen Lucile Schneider Tobias * Armstrong Isaac * Emery Baptiste * Pascaud Loek * Roman Matej * Tuccillo Mia	<ul style="list-style-type: none">A permafrost-lake-landscape framework for understanding trajectories of environmental change across Canada's Northwest TerritoriesLakes as archives of environmental impacts near legacy drilling mud sumps in the Mackenzie Delta uplands, Arctic CanadaSmall, shallow lakes in sporadic discontinuous permafrost peatlands exhibit threshold responses to permafrost thawLate Holocene evolution of peatland ponds and lakes in Wapusk National Park, western Hudson Bay Lowlands, CanadaA Promising Archive Of High Arctic Holocene Temperature Variability: Lake Sediments From Lake SW, Peary Land (82°N)Setting the (eco)tone: can chironomids reliably reconstruct temperature in subarctic treeline lakes?Colloidal forms of organic carbon, major and trace elements along a bog-fen gradient of thawing permafrost during early spring in arctic SwedenEmergent thermokarst lakes as sentinels of permafrost thaw in a High Arctic landscapeMid-Late Holocene environmental sedimentary archive in landslide-dammed Garmaksla Lake, SvalbardPhotosynthetic pigments across boreal to tundra permafrost lakes in northwest Canada: Modern observations of pigment sources, environmental drivers, and sedimentary preservation
10:30 ■ 11:00	COFFEE BREAK		
11:00 ■ 11:15 11:15 ■ 11:30 11:30 ■ 11:45 11:45 ■ 12:00 12:00 ■ 12:15 12:15 ■ 12:30	POSTER SESSION (VIII-8, III-8)		
12:30 ■ 13:30	LUNCH BREAK		
13:30 ■ 13:45 13:45 ■ 14:00 14:00 ■ 14:15 14:15 ■ 14:30 14:30 ■ 14:45 14:45 ■ 15:00	III-8-Anthropocene lake ecosystem dynamics in fast-changing Asia	Chen Guangjie Joannin Sebastien Gao Yuesong Lone Aasif Mohmad Zhao Yanjie Du Chenliang	<ul style="list-style-type: none">Sediment signals of the Anthropocene from an ecological perspective in lakes of Southwest ChinaVegetation and climate reconstructions from sedimentary archives in the Circum-Caspian region.A synthesis study on the Holocene wildfire dynamics in the Indian monsoonal region of Southwest ChinaAnthropogenic forcing and watershed disturbance leads to an abrupt shift to lacustrine productivity dominance in the Ahansar Lake, western Himalaya, IndiaEcological stability and biodiversity dynamics in alpine lake ecosystems of Southeastern Tibetan Plateau in the AnthropoceneRapid ecological change outpaces climate warming in Tibetan glacier lakes
15:00 ■ 15:30	COFFEE BREAK		
15:30 ■ 15:45 15:45 ■ 16:00 16:00 ■ 16:15 16:15 ■ 16:30 16:30 ■ 16:45 16:45 ■ 17:00	III-8-Anthropocene lake ecosystem dynamics in fast-changing Asia	Zeng Linghan Walton Richard Huang Shixin Jin Yuan Ren Junming Lin Qi	<ul style="list-style-type: none">Influences of anthropogenic hydrological infrastructures on sub-tropical floodplain lake ecosystemsDiverging effects within two modified shallow lakes, Ninh Binh, VietnamDynamics of algal community and ecosystem changes in shallow lakes of the Huai River Basin in eastern China during the AnthropoceneAquatic community synchrony dynamics in response to multi-trophic regime shifts: paleolimnological insights from a shallow lakeAquatic Vegetation Dynamics in Shallow Lake Liangzi (Central China) over the Past 5,000 Years Revealed by Sedimentary Ancient DNASedimentary DNA and paleoenvironmental analyses reveal transient social-ecological dynamics in Anthropocene watersheds
17:00 ■ 17:30	SYMPOSIUM AWARDS		