

	29 June - 03 July 2025				
	IASWS 2025 meeting - Le Touquet (France)				
	Sunday	Monday	Tuesday	Wednesday	Thursday
	29 June 2025	30 June 2025	01 July 2025	02 July 2025	03 July 2025
09:00	09:00 - 10:00 Welcome Word Partners & Organization (...)	09:00 - 09:40 Invited Speaker L. Naylor	09:00 - 09:40 Invited Speaker J. Middelburg	09:00 - 09:40 Invited Speaker V. Méleder	
09:20		Talk 15	Talk 32	Talk 36	
09:40		10:00 - 10:40 Invited Speaker S. Bonaglia	Talk 16	Talk 33	Talk 37
10:00		Talk 17	Talk 34	Talk 38	
10:20	Coffee	Coffee	Talk 35	Coffee	
10:40		Talk 1	Coffee	Talk 39	
11:00	Talk 2	Talk 19	11:20 - 12:20	Talk 40	
11:20	Talk 3	Talk 20		Talk 41	
11:40	Talk 4	Talk 21	Poster Session	Talk 42	
12:00	Lunch	Talk 22	Lunch	Lunch	
12:20					
12:40					
13:00					
13:20	Lunch	Lunch	Lunch	Lunch	
13:40					
14:00					
14:20	Talk 5	14:00 - 19:30 Field Trip Nausicaa The Capes	Talk 43		
14:40	Talk 6		Talk 44		
15:00	Talk 7		Talk 45		
15:20	Talk 8		Talk 46		
15:40	Coffee	Talk 26	Coffee	Coffee	
16:00	Talk 9	Coffee	14:00 - 19:30 Field Trip Nausicaa The Capes	Talk 47	
16:20	Talk 10	Talk 27		Talk 48	
16:40	Talk 11	Talk 28		Talk 49	
17:00	Talk 12	Talk 29		16:40 - 17:20 Closing Ceremony	
17:20	Talk 13	Talk 30			
17:40	Talk 14	Talk 31			
18:00					
	17:00 - 21:00 Arrival in Le Touquet and Welcome Cocktail 19:00	18:00 - 19:00 Executive Board Meeting	18:00 - 19:00 IASWS General Meeting		
19:00					
		19:00 - 23:00 Gala Dinner Les Jardins de la Matelote			
20:00					
21:00					
22:00					
23:00					

LIST OF TOPICS
Topic 1: Biogenic influence on sediment-water interactions from micro to macroscale
Topic 2: Sediment management and sediment-associated nutrients & contaminant processes
Topic 3: Assessing and restoring disturbed catchments
Topic 5: Extreme events & environments (floods, wildfires...)
Topic 8: Carbon budgets, blue carbon ecosystems and rewilding
Topic 10: Modelling and measuring suspended particles and aquatic sediments
Topic 12: The impact of sediment derived nutrients on cyanobacteria during climate change

INVITED TALKS		
	Invited Talk 1	S. Bonaglia - The benthic fusion : direct and indirect effects of sediment-dwelling organisms on biogeochemistry
	Invited Talk 2	L. Naylor - Exploring the complexities of our urban coasts: Anthropocene beaches, historic landfill risks and making space for nature to improve urban coastal resilience
	Invited Talk 3	J. Middelburg - Carbon transfers and transformation along the aquatic continuum
	Invited Talk 4	V. Mélièder - Unlocking the Role of Tidal Flats in the Global Carbon Budget: Insights from Remote Sensing and Interdisciplinary Research
TALKS		
Topic	Talk n°	AUTHOR(S) & TITLE
1	Talk 1	Van De Vyver Blackman L. et al. Benthic ecosystem functioning is dependent on the ordering of multiple pressures
1	Talk 2	Pratte X. et al. Do environmental rhythms impact the bioturbation of the polychaete Hediste diversicolor?
1	Talk 3	Jones A. et al. Impacts of electromagnetic fields from offshore subsea cables on benthic marine ecosystems
1	Talk 4	Lehuen A. et al. Multispecies macrozoobenthic seasonal bioturbation effect on sediment erodibility
1	Talk 5	Cooper J. et al. Linking benthic fluxes to macrofaunal communities: a geochemical and ecological approach to understanding sediment-seawater exchange in coastal systems
1	Talk 6	Langlet D. et al. Optopi: planar optodes on Raspberry Pi
1	Talk 7	Doutrelant M. et al. Intra- and inter-specific variabilities in sediment reworking generated by intertidal benthic foraminifera
1	Talk 8	Papadimitrakaki M. et al. Methodological approaches for assessing microphytobenthic primary production as a function of spectral light treatments
12	Talk 9	Nurnberg G. et al. What is the impact of sediment derived nutrients on cyanobacteria during climate change?
12	Talk 10	Tammeorg O. et al. Internal phosphorus loading in a shallow hypertrophic lake: long-term trends and short-term deviations
12	Talk 11	Castillo F. et al. Water residence time as an important predictor of internal phosphorus load effects for water quality in lakes
12	Talk 12	Shi Y. et al. Effects of phosphorus and nitrogen supply on the growth and toxicity of <i>Microcystis aeruginosa</i> by adding geo-engineering materials
12	Talk 13	Jaeger C. <i>In situ</i> stabilisation of contaminated sediments by fine-bubble aeration: monitoring data from Germany and China
12	Talk 14	Rabiet M. et al. Role of colloidal fraction in phosphorus release from lake sediments under oxic and anoxic condition: a laboratory study
2	Talk 15	Dung T. et al. Ecological risk assessment of trace metal(loid) sediments in the coastal zone, Mekong delta, Vietnam
2	Talk 16	Wang H. et al. Exploring salt marshes as archives of historical contamination: assessing pollutant distribution and ecological risks from coastal landfills
2	Talk 17	Li G. et al. Mobilization and distribution of trace elements in the Scheldt sediment
2	Talk 18	Koiter A. et al. Characterizing sediment source variability: landscape and land use influences on fingerprint properties
2	Talk 19	Nait-Hammou H. et al. Sediment provenance and distribution on the Northwest African continental shelf
2	Talk 20	Delaporte M. et al. Pesticide concentrations in an elementary agricultural catchment and the link of hydro-sedimentary fluxes with downstream transfer
2	Talk 21	Constant M. et al. Prospective study on plastic waste in the sediments of several canals in the Hauts-de-France region
2	Talk 22	Sedrani M. et al. Microplastic pollution in the Gulf of Morbihan: a first assessment
3	Talk 23	Randall L. Amphitheatre gully erosion explored with a conservative event-based model
3	Talk 24	Roberts M. Supporting gully rehabilitation and erosion management with the MERGE model
3	Talk 25	Cuello-Ulobell F. et al. Effects of wildfire recurrence on soil erosion in a terraced burned Mediterranean catchment
3	Talk 26	Delaporte M. et al. Estimation of the impact of soil water saturation on the significance of erosion events (Hauts-de-France)
3	Talk 27	Owens P. et al. Sediment fluxes and sources following a severe wildfire in the Deadman watershed in British Columbia, Canada
3	Talk 28	Hancock G. et al. Designing and assessing the stability of a geomorphically reconstructed post-mining landscape: a case study of the Santa Engracia mine, Spain
3	Talk 29	Braune L. et al. Inflow-based flocculant dosing: a climate-resilient strategy for drinking water reservoirs
3	Talk 30	Caiola N. et al. Ecological implications of restoring sediment fluxes in regulated rivers
3	Talk 31	Scherbaum S. et al. Effects of a wave protection fence concerning sediment mobilization and perspectives for macrophyte restoration: a case study
10	Talk 32	Alekseenko E. et al. Modeling high-resolution hydrosedimentary dynamics and sedimentary eddy formation near Cap Gris-Nez
10	Talk 33	Tan F. et al. How good are sediment measurements? Quantifying total uncertainty in sediment yield observations through Monte Carlo simulations and machine learning
10	Talk 34	Ntangyong J. L. et al. Variations in suspended particulate matter and sedimentation rates in the Nokoué lagoon (Benin): a tropical ecosystem study.
10	Talk 35	Masson J. et al. Assessing spatio-temporal variability of water quality in the lower Mekong using high spatial resolution remote sensing
8	Talk 36	Koschorreck M. et al. Temporal dynamics of CO2 emissions from a reservoir drawdown area
8	Talk 37	Lopes V. et al. Assessing salt marsh contributions to coastal carbon sequestration: a case study from two contrasting portuguese estuaries: Minho vs. Sado
8	Talk 38	Plegue K. et al. The role of tidal cycle on the global carbon budgets in 'Blue Carbon' ecosystems: the case of the Canche salt-marsh.
8	Talk 39	Décultot C. et al. Blue carbon in a context of dike removal: seasonal variations of carbon exchanges and sequestration in surface sediments of the Authie estuary
8	Talk 40	Denis L. et al. Ploughing in estuarine salt marshes: impact on carbon mineralisation rates
8	Talk 41	Evans T. et al. Marine protection as a tool for enhancing carbon cycle functionality in coastal soft sediment ecosystems
8	Talk 42	Sedrani M. et al. From conventional to hybrid and nature-based solutions for coastal protection: the case of Gâvres beach management, France
5	Talk 43	Porto P. et al. Exploring the use of 7Be measurements to estimate soil erosion rates associated with extreme rainfall events in Southern Italy
5	Talk 44	Petticrew E. Watershed response to wildfire, flooding and changing water temperatures: implications for sustaining salmon stocks.
5	Talk 45	Douss N. et al. Sedimentary and bio-geochemical investigations in the Antarctic hypersaline lake Don Juan pond: clues from an environment at the edge of life.
5	Talk 46	Haqdad T. et al. The impact of canopy height on sediment flux under natural rainfall and controlled simulation conditions
5	Talk 47	Murillo L. et al. Evaluation of the hysteresis effect between flow and suspended sediment concentration in extreme rainfall event.
5	Talk 48	Magri M. et al. Extreme precipitation-driven erosion and its role in riverine particulate phosphorus export
5	Talk 49	Kuksina L. Sediment-water interactions and volcanism (by the example of Kamchatka, Russia)

POSTERS		
Topic	Poster n°	AUTHOR(S) & TITLE
1	Poster 1	Polauke E. et al. Successful restoration of a eutrophic lake using lanthanum-modified bentonite clay (Phoslock)
1	Poster 2	Verpoorter C. et al. Use of hyperspectral imaging by drone vector in the intertidal zone
12	Poster 3	Ciappa M. et al. Impact of lake sediment drying on the transfer of sedimentary phosphorus to the water column
12	Poster 4	Kamlarczyk S. Estimating the ecological impact of withholding vs. continuing oxygenation on the phosphorus release and accumulation in Lake Furesø, Denmark, using a sequential extraction method and anoxic efflux experiments
12	Poster 5	Nguyen N.D. et al. Phosphorus dynamic from watershed to reservoir: major role of reservoir sediment
2	Poster 6	Gilliers C. Management of chemical pollutions in MPAs: open and highly diffusive areas: a challenge for marine managers: the example of the Habisse project.
2	Poster 7	Madec L. et al. Metals distribution in river sedimentary banks : the example of the Aulne (Brittany, France), a mine-contaminated macro-tidal estuary
2	Poster 8	Philippe S. et al. Isotopic composition of lead in leaching experiments with acids: a tool for assessing anthropogenic lead mobility in estuarine sediments?
2	Poster 9	Udresny C. et al. Thousand tons of ammunition lying on lake floors: relics of the 20th century, but current or future environmental threat?
2	Poster 10	Nguyen N.D. et al. Spatial distribution of water-mobilizable colloids from dam sediment and the risk of water-level fluctuation on phosphorus release
2	Poster 11	Rabiet M. et al. Statistic analyze of phosphorus level in reservoir sediment in France: proposition of a qualification grid.
3	Poster 12	Conrado-Silva L. et al. Adaptive restoration planning to enhance water security in a changing climate
8	Poster 13	Bernhard V. et al. Spatial heterogeneity of sediment properties affects methane concentrations in an impounded river
8	Poster 14	Denis L. et al. Spatial variability of the estuarine microphytobenthic photophysiology and primary production in the eastern English Channel (Canche estuary, France)
8	Poster 15	Goulard F. et al. Carbon fixation dynamics in estuarine mudflats: a study of exopolysaccharides and their ecosystem role in Canche estuary
8	Poster 16	Versaevl E. et al. The influence of ploughing activity on primary production in the salt marshes: example of the Somme estuary
8	Poster 17	Dalour L. et al. Nature-based and hybrid solutions for coastal risks: an overview of the current state in France
10	Poster 18	Tarres M. et al. Aggregate dynamics in the Lake Grevelingen: insights from particle size distribution
10	Poster 19	Verpoorter C. et al. Monitoring water quality in the lower Mekong basin using high spatial resolution satellite observations (Sentinel-2 and Landsat): a case study of Tonle Sap lake (Cambodia).
10	Poster 20	Youmbi Tchaewo L. C. et al. Spatio-temporal dynamics of Suspended Particulate Matter (SPM) in the estuary-coastal sea continuum: integrating high-frequency <i>in situ</i> observations and high-resolution satellite data