

Subtheme 9
Coastal protection and restoration of coasts
Session 3 Time & Date: 11:30- 13:00 IST, 28 February 2024
Oral presentations: 6; Poster+Flash presentation: 9; Poster presentation:2
Venue:

Oral presentation

Sno	Abstract Id	Abstract Title	Author Name	Co Author Names
1	WOSC/2024/ABS/233	Hydrodynamic assessment of a pair of pile-restrained H-shaped floating breakwater	Aparna Panda	Manu, D. Karmakar
2	WOSC/2024/ABS/223	EVALUATION OF DEPTH OF CLOSURE OFF-GOA & SOUTH MAHARASHTRA COASTS	Deepthimol M	Anil N R, Gomathi S, Athul C R, Jaya Kumar Seelam
3	WOSC/2024/ABS/412	Novel multi-satellite based assessment of the coastal water quality: An operational approach for continuous monitoring	Jayaraj Dilipkumar	Palanisamy Shanmugam
4	WOSC/2024/ABS/475	Machine learning approach for Mapping Coastal Bio-shields Pondicherry: A Case Study	T.Mayamanikandan	G. Arun, S.K. Nimalan, S.K. Dash
5	WOSC/2024/ABS/476	Coastal Bio-geo Information System for Tamil Nadu coast using Geo server (Slippy map)	Sujith Kumar S	S.K.Nimalan T. Mayamanikandan, G. Arun, G. Gopinath, S.K.Dash
6	WOSC/2024/ABS/417	FEM Model for the Analysis of Ocean Wave Characteristic on Arbitrary Shaped Domain	Prashant Kumar	Rupali, Rajni

Poster+Flash presentation

1	WOSC/2024/ABS/477	Development of WebGIS based Coastal Inundation Risk Atlas for Tamil Nadu	Immanuel A	Maya Manikandan T, Sujith Kumar S, Gopinath G, Dash SK
2	WOSC/2024/ABS/36	Heavy metal contamination and its ecological implications along an urbanised river-ocean continuum on the southwest coast of India.	Camey Monica Furtado	Gireeshkumar T.R., Emil John, Snigtha, Abdul Jaleel
3	WOSC/2024/ABS/55	Dissolved and particulate matter-bound polycyclic aromatic hydrocarbons from Coral reef ecosystems of the Lakshadweep Archipelago: Contamination status and ecological implications	VIGNESH E R	Gireeshkumar T.R., Arya K.S., Midhun M. Nair, Rakesh P.S.
4	WOSC/2024/ABS/248	Assessment of Shoreline Changes of West Bengal Coast, India	Jatisankar Bandyopadhyay	Amrit Kamila, Sourav Maity and Soumyakanti Panda
5	WOSC/2024/ABS/328	Microplastics in the sediments along the eastern Arabian Sea shelf: Distribution, governing factors and risk assessment	Priyansha Gupta	Mahua Saha, V. Suneel
6	WOSC/2024/ABS/329	Unraveling the land-based discharge of microplastics from sewers to oceans – A comprehensive study and risk assessment in wastewaters of Goa, India	Chayanika Rathore	Mahua Saha, Jacob de Boer, Aniket Desai
7	WOSC/2024/ABS/336	Comparative assessment of microplastics ingestion by pelagic, benthic and accumulation in its surrounding environment	Mahua Saha	Chayanika Rathore, Priyansha Gupta
8	WOSC/2024/ABS/335	A detailed investigation of macro to microplastic pollution in the Rivers Ganga and Yamuna: Unveiling the seasonal, spatial, and risk assessment	Mahua Saha	Priyansha Gupta, M. Manish Kumar

9	WOSC/2024/ABS/401	Invisible Invaders Threatening the Coastal Livelihoods: Exploring the Perceptions of Microplastics among the Coastal Communities of Malabar, Kerala	Geethika Gopinathan	Jithu Das P. P., Yadhukrishna K
Poster presentation				
1	WOSC/2024/ABS/120	Monitoring Geophysical Changes in Chilika Lake: A ML approach Using Global Surface Water Mapping	Fawaz Parapurath	
2	WOSC/2024/ABS/181	Indian coastal vulnerability: Risk assessment and mitigation plans	Karankumar Yerrawar	Pushpalatha T, Gopi Krishna P, Anuj Gupta, Sreenivas Pentakota