

Sub-theme 5
Harnessing of marine minerals and other resources: Exploration and EIA perspectives
Session 2 Time & Date: 16:00- 17:30 IST, 27 February 2024
Oral presentations: 7; Poster+Flash presentation: 0; Poster presentation:6
Venue:

Oral presentation

Serial No	Abstract Num	Abstract Title	Author Name	Co-Authors Name
1	WOSC/2024/ABS/16	SMS & Chemical Grade Limemud Deposits in Indian Offshore, Carbon Credit Potential and Blue Economy	Dinesh. AC.	Praveen Kumar.P
2	WOSC/2024/ABS/57	COASTAL MINERAL RESOURCES OF INDIA – AN OVERVIEW.	C.V.GOPALAN	N. M. Shareef, Sarath L. G., Subhankar Dutta, Sajesh P. V, A. C. Dinesh, Basab Mukhopadhyay
3	WOSC/2024/ABS/466	Image Processing and Enhancement Techniques for underwater Object detection	Nidhi Varshney	P.Nirmalkumar, K.Prabhakaran, P.Muthuvel, K. Gopakumar
4	WOSC/2024/ABS/217	Cold seep induced enhanced water column methane concentrations in Krishna-Godavari basin, Bay of Bengal	Aditya Peketi	G. Sriram, S. Ramesh, P. Dewangan, A. Mazumdar, V.B.Subin Raj, M.A.Sarun Lal, N.R.Ramesh
5	WOSC/2024/ABS/222	Exploration of polymetallicsulfide deposits in the Eastern SWIR: Sediment geochemistry evidence	Deepak K. Agarwal	Parijat Roy, John Kurian P.
6	WOSC/2024/ABS/203	Evidence for two new hydrothermal fields (at 24°49'S and 24°55'S) over the southern Central Indian Ridge, near Rodriguez Triple Junction	Surya Prakash L	Kurian J. P.; Srinivas Rao A.; Tsunogai U.; Baumberger T.; Walker S.; Linsy P.; Anoop T. R.; and Roy P.
7	WOSC/2024/ABS/207	Polymetallic Hydrothermal Sulphide (PMS) deposits: Geology and Exploration aspects	Parijat Roy	Koushick Sen, John Kurian P.

Poster presentation

Serial No	Abstract Num	Abstract Title	Author Name	Co-Authors Name
1	WOSC/2024/ABS/141	Enhancing the growth conditions of the marine bacterium, Bacillus cereus, a valuable source of the biopolymer, poly- hydroxy butyrate/co-valerate at fermenter level	Shibin S P	G Madhu, Roy M Thomas, I S Bright Singh
2	WOSC/2024/ABS/273	Simulation of Gas Hydrate Production in KG Basin Sediments via Depressurization	D.Gobichandhru	C.S.Sandhya, S.Ramesh, G.A.Ramadass
3	WOSC/2024/ABS/312	A new theory for the origin of the enigmatic 85°E Ridge	Desa Maria Ana	Jacob Jensen, Khan Saif Ali, Carlier, B.D.
4	WOSC/2024/ABS/445	Harnessing Marine Cyanobacterial Exo polysaccharides in view of Environmental clean up process	Rashmi V	L. Uma, D. Prabakaran, G. Muralitharan

5	WOSC/2024/ABS/447	Development and optimization of seaweed based bioplastic with enhanced durability and tensile strength using chitin derived from prawn waste	S A Marathaka Rani	Navinraj T I
6	WOSC/2024/ABS/460	Comparative study of Encapsulated Peppermint & Clove oil in chitosan nanoparticles: Encapsulation efficiency, Thermal stability, Invitro release, Antioxidant activities.	Sona Biju	Navinraj T I