

**Subtheme 9**  
**Coastal protection and restoration of coasts**  
**Session 1 Time & Date: 14:00- 15:30 IST, 27 February 2024**  
**Oral presentations: 5; Poster+Flash presentation: 2; Poster presentation:2**  
**Venue:**

**Oral presentation**

| Sno | Abstract Id      | Abstract Title  | Author Name   | Co Author Names  |
|-----|------------------|---|---------------|--|
| 1   | WOSC/2024/ABS/24 | Geotube-based dunes to protect low-lying coastal areas from inundation  | Namitha B     | S Dhanalakshmi, Preethi Sekhar, Satya Kiran Raju Alluri, V Ramanathan, M V Ramana Murthy |
| 2   | WOSC/2024/ABS/29 | Design of layout of suitable anti erosion bund for development of the fishing harbour   | R.K.Chaudhari | S.K. Kori, Prabhat Chandra   |
| 3   | WOSC/2024/ABS/43 | Dynamics, Challenges, and Strategies for Sustainable Management of Chavara  | SHILPAMARY B  | Dhanalakshmi Silamban, Satya Kiran Raju Alluri   |
| 4   | WOSC/2024/ABS/84 | SUSTENANCE OF EMBANKMENTS IN PROTECTING THE COASTAL ISLANDS- A CASE STUDY IN BAKKHALI, INDIAN SUNDERBANS  | Shreya Das    | Srirupa Saha,Karabi Das, Kanailal Bhattacharyya  |
| 5   | WOSC/2024/ABS/86 | Comparative Analysis of Coastal Hydrodynamic Conditions and Sediment Transport with Various Coastal Protection Structures along the South West Coast of India | Princy James  | Rajamani and L. Sheela Nair  |

**Poster+ Flash presentation**

|   |                   |  |                       |   |
|---|-------------------|--|-----------------------|---|
| 1 | WOSC/2024/ABS/68  | Microplastics Distribution in the Sediment of Pattinapakkam Beach, Chennai city, TamilNadu, India                        | Sudharson G           | Kumuta Selvam, M. Krishnaveni and Sudharson G                                     |
| 2 | WOSC/2024/ABS/115 | A study on rip current Investigation by Smartphone based camera and Numerical Model.                                     | Chintam Venkateswarlu | Surisetty V V Arun Kumar, B Gireesh, M Ramesh, C V Naidu, Rashmi Sharma           |
| 3 | WOSC/2024/ABS/162 | Identification and Assessment of shoreline changes using sentinel imagery and RTKGPS along Visakhapatnam-Kakinada coast. | Baggu Gireesh         | Surisetty V. V. Arun Kumar, Ch. Venkateswarlu, Naidu C.V, S. S. V. S. Ramakrishna |
| 4 | WOSC/2024/ABS/454 | Concept of Sustainable shore protection through chrysopogon zizanioides (vetiver)  | Shankar Ganesh M      |   |
| 5 | WOSC/2024/ABS/350 | Assessing the coastal vulnerability of Indian cities to sea level rise under current and future climate scenarios        | Anushiya.J            | Sai Venkat Ramana, Pradeep. MS, Vidya. S  |

**Poster presentation**

|   |                  |  |                |   |
|---|------------------|--|----------------|---|
| 1 | WOSC/2024/ABS/66 | Shore protection measures along Chennai Coast using GIS and Modelling Techniques | Vijaya Kumar G | Jaya Kumar Seelam, Vinay Kumar Yadav banagani, M. Krishnaveni ; Sudharson Gopal |
| 2 | WOSC/2024/ABS/70 | coastal vulnerability and environmental risk assessment of Chennai coast         | ponmozhi A     |   |