

Sondi Sudheer

Scientist-C

National Centre for Coastal Research (NCCR)

Ministry of Earth Sciences, Government of India



KEY EXPERTISE

- Oceanographic and Morphological field Data Collection and Analysis
- Numerical Modelling of near shore processes and ecosystems
- Hydro dynamics of Gulf and tidal inlets
- Develop Shoreline Management Plans
- Design and Execution of Marine components

EDUCATIONAL QUALIFICATIONS

- **M.Tech.** (2018) from National Institute of Technology - Surat, Gujarat.
- **B.Tech.** (2015) from GMR Institute of Technology, JNTUK, A.P.

EMPLOYMENT RECORDS

- **Scientist – C**, National Centre for Coastal Research, Ministry of Earth Sciences, 2023 – Till Date
- **Project Scientist**, National Centre for Coastal Research, Ministry of Earth Sciences, 2021- 2023
- **Project Scientist**, National Institute of Ocean Technology, Ministry of Earth Sciences, 2019 – 2021
- **Engineer**, Morison Hershfield, 2018 – 2019

MAJOR ACHIEVEMENTS

- Numerical Modeling of hydro dynamics for Gulf of Khambhat.
- Numerical modelling of coupled wave and hydro dynamics for ecosystems like Coringa.
- Development of shoreline management plans for Puducherry, Tamil Nadu and Andhra Pradesh.
- Establishment of Autonomous Beach Monitoring Systems (ABMS) at two locations of SHAR Island and Puducherry
- Preparation of Detailed Project Report of Kalpasar Project, Gujarat.
- Field data collection, deployment and monitoring of the coast to understand coastal processes and determine suitable protection and management schemes.
- Establishment of desalination plant in Lakshadweep Island.

PUBLICATIONS

- 01 Text Book Chapter
- 05 Journals/ Conferences
- 10+ Technical reports.