

Dr. Sisir Kumar Dash

Scientist-F

National Centre for Coastal Research (NCCR)

Ministry of Earth Sciences, Government of India



EDUCATIONAL QUALIFICATIONS

Ph.D. (Image & Information Sciences) – Mar, 2006 – “*Two-direction method on atmospheric correction in ocean color algorithm: Direct estimation of surface reflectance and aerosol optical thickness.*” - Graduate School of Science & Technology, Chiba University, JAPAN.

Post Graduate Diploma in Computer Science – 1996-1997 – C, C++, ORACLE 8.0, Unix etc. – Lakhota Computer Center.

M.Phil. (Oceanography) – Jul 1996 -- Chemical Oceanography -- Berhampur University, Berhampur, Odisha, INDIA

M.Sc. (Oceanography) – Nov 1994 -- Chemical Oceanography -- Berhampur University, Berhampur, Odisha, INDIA

EMPLOYMENT RECORDS

1. **Scientist-F**, National Centre for Coastal Research, Jan 2023 to till date
2. **Scientist-E**, National Centre for Coastal Research, 2018-2022
3. **Scientist-D**, ICMAM-Project Directorate, Ministry of Earth Sciences, 2014-2017
4. **Scientist-C**, ICMAM-Project Directorate, Ministry of Earth Sciences, 2009-2013
5. **Project Manager**, iWave Japan, 2008-2009
6. **Assistant Professor**, Yamaguchi University, 2006-2008
7. **Researcher**, Graduate School of Science & Technology, Chiba University, 2002-2006
8. **Senior Research Fellow**, National Remote Sensing Agency, Department of Space, 2001-2002
9. **Junior Research Fellow**, National Remote Sensing Agency, Department of Space, 1999-2002
10. **Project Scientist**, Remote Sensing Map and Information Services(RSMIS), Hyderabad, 1999
11. **Project Scientist**, Remote Sensing Instruments (RSI), Hyderabad, 1998-1999

MAJOR PROGRAMS & ACHIEVEMENTS

- Involved in Ecosystem Modelling for Chilika Lagoon, SW coast of India
- Conducted Coastal Vulnerability studies for Tamil Nadu coast
- Involved in the development of operational integrated Flood Warning System (iFlows) for the coastal cities of Chennai and Mumbai
- Involved in the development of Atlas of Bio-shields of Coastal Tamil Nadu
- Involved in the development of Marine Spatial Plans for two areas namely Puducherry and Lakshadweep
- Involved on the development of Thoondil app for the safety of fishing community of

- Tamil Nadu during times of coastal hazards
- Training and capacity building activities of NCCR and have conducted about 60+ training programmes to the coastal stake holders

AWARDS

Awarded Certificate of Merit for his outstanding contribution in the field of Ocean Science in the year 2015.

PUBLICATIONS

- 20+ publications in national and international referred journals.
- 15+ publications in national and International proceedings.
- 3 Technical reports
- 10+ Delivered talk in workshops and International Working Groups