

DR.M.THANIKACHALAM

Professor



Dr.M.Thanikachalam earned his Ph.D degree from the Institute for Ocean Management (IOM), Department of Civil Engineering, Anna University in the year 2001. In his doctoral research, he was working on Management of Coral Reef in Gulf of Mannar, using remote Sensing and GIS Techniques-With Reference to Coastal geomorphology and Land use. After his PhD, he joined as Research Scientist in IOM, Anna University. During this period he acts as project leader and successfully completed the following research projects:

- “Identification of Ecologically Important Areas in Indian Coast”, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- “Creation of Coastal Regulation Zone Information System for Effective Management of the Coastal Zone of Tamil Nadu”, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- “GIS Based Information System for Coastal Critical Habitat of Indian Coast”, Sponsored by Department of Ocean Development, Govt. of India, New Delhi.
- “Application of Remote Sensing Techniques to Coastal Wetland Ecology of Tamil Nadu with Special Reference to Mangroves”, Sponsored by Ministry of Environment and Forest, Govt. of India, New Delhi.
- “Coastal Wetland and Regulation Zone Mapping of Andaman and Nicobar Islands using Remote Sensing”, Sponsored by Space Application Cente, ISRO, Govt. of India, New Delhi.

After three years of research scientist, he has worked various engineering colleges (MepcoSchlen Engineering College, Sona College Technology, Adhiyamman Engineering College, Velammal Engineering College and Prathyushalinstitute of Technology and Management) as professor. Presently he is working as professor in S.A. Engineering College. He has around 22 years of teaching and research experience. Presently, he is a recognized supervisor of Anna University, Chennai, and supervising one part-time and one full-time Ph.D scholars in the area of remote sensing and GIS for Coastal Zone Management.

Dr.M.Thanikachalam’s areas of research include remote sensing and GIS applications in CZM, coastal processes and disaster management. He has published about 30 research papers in his area of research both in international journals and conference proceedings.

Research Project:

Detection and Discrimination of Coral Reefs Using Hyper Spectral Data, Sponsoring by Department of Science and Technology (DST), under the scheme of Inter Disciplinary Cyber Physics System (ICPS), Government of India, New Delhi, with the amount of **Rs. 26.58, 700.**