

Earth Ecosystem Research and Training Division (ERTD)  
VEDAS Research Group (VRG), EPSA/SAC  
**“Remote Sensing & Geo-Informatics – Basics”**  
**With Special emphasis on marine Applications**  
Date: 13 – 16 June, 2017  
Training and Research in Earth Eco-system (TREES)



A Four-day training programme was conducted on **“Remote Sensing & Geo-Informatics – Basics” with Special Emphasis on Marine Applications**. The training programme was attended by 18 participants from 7 institutes / organisations from all over country.

In all, 14 lectures covering various aspects of Remote sensing and Geo-Informatics were delivered. The lectures on remote sensing covered Basic principles of Remote Sensing and its broader Applications. Digital Image processing, Specific Applications of remote sensing for Agriculture, Hydrosphere, were covered. Regarding Marine Applications, ocean Biology, Ocean colour, Sea truth, Profitable fishing etc. Besides optical remote sensing, microwave and hyperspectral applications were included addressing potential research areas. The basic Geographic Information System (GIS), its applications in field of Web-GIS, Global Positioning Systems (GPS) and mobile applications were explained and practical demonstrations were conducted. Eight hours of hands with special emphasis on marine applications training was given to participants so they can relate the theoretical aspects covered. The participants were given certificates by Dr. Arundhati Misra, Group Director, AMHTDG.