

ERTD TREES Training
Desertification and Land Degradation: Monitoring,
Vulnerability Assessment and Combating Plans
Duration: March 14 - 22, 2018

| Theory | Topic | Faculty |
|---------------|---|---|
| L1 | Basics of Remote Sensing | Shri. H. P. Bhatt |
| L2 | EO Applications of Remote Sensing | Dr. S.P. Vyas |
| L3 | Land Degradation: Overview | Dr. A S Rajawat |
| L4 | Digital Image Processing | Dr. Markand Oza |
| L5 | Geographical Information System | Shri. R J Bhanderi |
| L6 | Advances in Digital Image Processing | Prof. Shirish Gedam (IIT-B, Mumbai) |
| L7 | Overview of Soils as resource and its relevance to land degradation | Dr. R Ghosh (DAIICT, Gandhinagar) |
| L8 | Discrimination of crops using digital techniques | Ms. Nita Bhagia |
| L9 | Land Degradation - Monitoring & Assessment | Shri. A K Sharma |
| L10 | Recent Trends in Satellite hydrology | Dr. R P Singh |
| L11 | Application of SAR data in Forest studies | Shri. C Patnaik |
| L12 | Object based feature extraction | Shri. Pankaj Bodani |
| L13 | Monitoring Wetlands in the context of land degradation using RS and GIS techniques | Shri. J G Patel |
| L14 | Land Degradation Vulnerability Assessment (LDVA) | Shri. KLN Sastry |
| L15 | Action plans for Combating Land Degradation using RS & GIS | Shri. Manish Parmar |
| L16 | Kachchh Resource Information System (KRIS) - Land and Water Resources Development Plans | Shri. J G Patel |
| L17 | Land and water resource development planning, implementation and monitoring impact using satellite data- Case Studies | Shri. A K Sharma |
| L18 | Quality Checking of DLD maps | Shri. A K Sharma |
| L19 | Land Degradation Identification of Indicators | Shri. Manish_Parmar |
| L20 | Desertification in NW Part of India key Issues | Dr. P C Mohrana |
| P1 | Demonstration on Image Processing & GIS | Shri. R J Bhanderi |
| P2 | Demonstration on Semi/auto extraction of DLD features | Shri. Ritesh Agrawal / Shri Sudhanshu R |