

Space Enabled Geoinformation for Disaster Management



Space technology has immense capabilities in supporting Disaster Risk Management in the country addressing all natural disasters in all phases. Considering its importance, under ISRO's Disaster Management Support Programme, National Remote Sensing Centre (NRSC) organises capacity building programme for the State, Central, and other concerned DMS organisations for the effective utilization of Space Technology. This course is designed to address the role of remote sensing (optical and microwave) and geo-informatics in Floods & Cyclones, their Monitoring, Mapping and Hazard Assessment, flood forecasting, Forest Fires Monitoring & Stubble Burning, in conjunction with the field data on early warning, Agricultural Drought Assessment, Geological Disasters (Landslides & Earthquakes), Cyclogenesis and Cyclone Forecasting Systems, Glacial Lake Mapping, Risk Assessment, Monitoring the Atmospheric Lightning from Disaster Perspectives and the National Database for Emergency Management (NDEM).



Introduction to Remote Sensing



Space Technology Applications



Satellite Data processing



Hands-On Training



Collaboration Opportunities

ISRO-DMS Programme

National Remote Sensing Centre
Indian Space Research Organisation
Department of Space, Govt. of India



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The training programme is intended for Govt. officials working for Disaster Management Support Activities at State, Central level.