

FIFTH COURSE ON APPLICATION OF GEOINFORMATICS FOR DISASTER MANAGEMENT

ANNOUNCEMENT

Geological Survey of India (GSI) Training Institute in collaboration with ISRO proposes to conduct the Fifth training course on '**Application of Geoinformatics for Disaster Management**' for four weeks from **15 April to 16 May 2009** at Hyderabad. The course will cover three modules, viz.: (i) Fundamentals of Remote Sensing, (ii) Introduction to GIS and (iii) Application of Geoinformatics in Disaster Management. The course content includes:

- Overview of environmental and natural disasters: causative factors, manifestations, analyses
- Study of various environmental disasters – recognition, mapping, zonation, etc.; landslides, earthquakes, cyclones, floods, mining hazards, soil and forest disasters
- Application of remote sensing in disaster management
- Application of Geoinformatics in disaster management – Generation of DEM from aerial photographs, CARTOSAT and ALTM data
- Disaster management – mitigation measures, prioritization, etc.
- Case studies on individual disasters like landslides, earthquakes, cyclones, floods, mining hazards and drought
- Project work

State-of-the-art image processing and photogrammetry softwares, Arc GIS tools and other equipments will be used during the training.

The Course is targeted for geoscientists of State/Central govt organizations, State Remote Sensing Centres, Institutes of Disaster Management, Faculty of Administrative Staff Colleges and University, Officers of Border Security Force/Army.

The candidate should be postgraduate in Geology/Geography/Geoinformatics or graduates in Civil Engineering/Environmental Engineering or equivalent degree in the relevant field. Candidates who are familiar with using Remote Sensing and GIS techniques will be preferred. **There is no course fee. Limited fellowships, to the extent of covering Sleeper class return fare and living expenses in Training Institute Hostel, are available. Modest hostel facility is available in the GSI Campus.** No leave will be permissible during the training.

Interested candidates may send in their application with the following details: (1) Name of the organization/Institute/University; (2) Name of the candidate; (3) Designation; (4) Sex; (5) Date of birth; (6) Academic qualification; (7) Area of specialization & professional experience; (8) Relevance of the training to your present job; (9) Computer background; (10) Address for communication including phone/mobile number/e-mail ID.

Consent letter: This is to recommend and forward the application of Dr/Shri/Ms _____ of this Department for the fifth course on 'Application of Geoinformatics for Disaster Management' to be conducted by GSI Training Institute, under NNRMS programme sponsored by Indian Space Research Organization.

Place:

Date:

(Signature of Sponsoring Authority)

The completed applications may be sent to the Dy. Director General, Geological Survey of India Training Institute, GSI Complex, Bandlaguda, Hyderabad 500 068 by **28 February 2009** (Ph: 040-24220681, 24220682; Fax: 040-24220680); E-mail: ddggsiti@gmail.com

For more details please visit the GSI website: www.gsi.gov.in