

Travel and Accommodation

Applications invited from the interested participants for the Model Training Course (MTC) on "Advance Geospatial Technologies in Natural Resource Management in Changing Climate Scenario" from State/UTs Development Departments. Reimbursement of travelling expenses to the trainees nominated by the State/UTs development departments shall be made as per the entitlement of officials'. If entitled to travel by Air, only Economy Air fare of Air India is permissible. TA will be paid from the place of the duty to MTC location (Nagpur) and back by the shortest route. Participants are requested to produce the original tickets in support of their claim. In case, eligible participants from the other organizations viz. ICAR, SAU's KVKs etc are desired to participate in MTC, their TA/DA may be borne by their respective organization/institute. However, all the trainees may avail the lodging/boarding and other facilities at the host training institute. Facilities for boarding and lording will be made available for the participants at ICAR-NBSS&LUP, Scientist Home. Local participants are not eligible for boarding and lording, however, working lunch and tea will be provided.

How to Apply

Eligible and interested participants are requested to send their application in prescribed format duly nominated by the competent authority to the Course Director either to e-mail or Speed Post.

Important Dates

- Last date for receipt of application: **20 September, 2018**
- Confirmation of participation : **25 September, 2018**

Address for Correspondence

Course Director

Dr. G.P. Obi Reddy, Pr. Scientist, Division of Remote Sensing Application, ICAR-National Bureau of Soil Survey and Land Use Planning, Amravati Road, NAGPUR-440 033, Phone: 0712-2500545, 2500664 (Extn. 112), Mobile: 9423685210 Fax: 0712-2500534, Email: obireddygp@gmail.com

Programme Coordinator

Dr. T.K. Sen, Pr. Scientist & Head, LUP (Act.), ICAR-National Bureau of Soil Survey and Land Use Planning, Amravati Road, NAGPUR-440 033, Phone: 0712-2500545, (Extn. 503), Mobile: 8999242537 Email: tarun.sen059@gmail.com

Programme Director

Dr. S.K. Singh, Director, ICAR-National Bureau of Soil Survey and Land Use Planning, Amravati Road, NAGPUR-440 033, Phone: 0712-2500545, 2500664 (Extn. 101), Mobile : 7387109466, Email: skcssri@gmail.com

Model Training Course on

Advance Geospatial Technologies in Natural Resource Management in Changing Climate Scenario

5th-12th October, 2018

ICAR-NBSS&LUP, Nagpur, Maharashtra



Sponsored by

Directorate of Extension (DOE)
Ministry of Agriculture & Farmers Welfare
Govt. of India, New Delhi



Organized by

Division of Remote Sensing Application
ICAR-National Bureau of Soil Survey and Land Use
Planning, Amravati Road, Nagpur-440 033

www.nbsslup.in

About the Course

Globally, there is an increasing trend on application of geospatial technologies (Remote sensing, Geographic Information Systems and Global Positioning Systems) in mapping and management of natural resources. These technologies have revolutionized the natural resource inventory, mapping and enable us to generate geospatial databases on a regular basis for better planning, monitoring, and management of natural resources at various scales. ICAR-National Bureau of Soil Survey and Land Use Planning, Nagpur is engaged in soil survey and preparation of soil based thematic databases and maps at various scales through field surveys, soil analysis, cartography and mapping by adopting remote sensing, GPS and GIS. Directorate of Extension (DOE), Ministry of Agriculture & Farmers Welfare, Govt. of India, New Delhi sponsored Model Training Course (MTC) on "Advance Geospatial Technologies in Natural Resource Management in Changing Climate Scenario" is being organized by ICAR-NBSS&LUP, Nagpur during **05-12 October, 2018**.

Eligibility Criteria

As per the guide lines of MTC, the nominations invited from eligible candidates from Agriculture/Horticulture/Animal husbandry & Allied Development Departments of all States/UTs in the country. The nominations of Scientists from KVKs/SAUs/ICAR Institutes may also be accepted provided they are working at field level and involve in extension activities in State/UTs Govt. departments in the country. The total numbers of seats in the MTC will be 25 (Twenty five).

Course Content

- Overview on Geospatial technologies
- Recent trends in Natural Resource Management
- Trends in soil resource mapping techniques
- Remote sensing applications in soil survey
- Advance remote sensing techniques in land degradation
- Geospatial technologies in natural resource mapping
- RS applications in large scale mapping
- Land resource mapping at block level and impact of climate on soils
- Remote sensing and GIS in croplands mapping and monitoring
- RS and GIS applications in digital terrain analysis using DEMs
- Remote sensing and GIS in climate change studies
- Advances in GIS and GPS - Principles and applications
- Advance remote sensing and GIS in water resource management
- Principles of digital image processing
- Soil resource data interpretation
- Remote sensing and GIS in forest resource management
- Modern concepts in land use planning
- Techniques in land evaluation for land use planning
- Remote sensing and GIS applications in changing climate scenario
- Remote sensing and GIS in agricultural resource monitoring
- Trends in land use planning- Issues and challenges
- Geoportal and its applications in natural resource management

APPLICATION FORMAT FOR THE PARTICIPATION

(Send the duly filled application to the Course Director)

1. Full Name (in Black Letters) :
2. Designation :
3. Present Employer and Address :
4. Address for correspondence :
5. Mobile and Phone No. :
6. Email- id :
7. Date of birth :
8. Gender :
9. Professional experience (post held) :
10. Details of previous training programme availed if any :

11. Academic Record

Examination	Year of passing	Grade/ %	University/Institution
Bachelor's Degree			
Master's Degree			
Others			

Date:

Place:

Signature of Applicant

Recommendation of forwarding institute

Candidature of Dr./Mr./Ms/Mrs.

Working as is forwarded for inclusion in MTC.

Name and Designation:

Signature and seal of competent authority

Date: