

राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी

राजेन्द्रनगर, हैदराबाद - 500 030, भारत

NATIONAL ACADEMY OF AGRICULTURAL RESEARCH MANAGEMENT

Rajendranagar, Hyderabad-500 030, INDIA

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Dr. D. Rama Rao  
Director

F.No.GIS/PDS/2015  
6<sup>th</sup> July, 2015

Sub : Training Programme on "Geospatial Analysis of Natural Resources Management using Statistical Tools," 2 to 11 September, 2015 - reg.

Dear Sir,

A Training Programme on "**Geospatial Analysis of Natural Resources Management using Statistical Tools**," is being conducted at ICAR-NAARM, Hyderabad from **2 to 11 September, 2015** for scientists of ICAR Institutes and the faculty of State Agricultural Universities. The objective is to enhance the competency level of NARS professionals in understanding GIS, GPS, and RS alongwith geostatistical tools and techniques. The training programme flyer with all details is attached. We request you to nominate and sponsor suitable candidates. The last date for receiving the nominations is **August 15, 2015**. A copy of the flyer has also been sent by email to you.

With best regards.

Yours faithfully,

  
(D. Rama Rao)

Encl: As above.

41.	The Director ICAR - Indian Institute of Spices Research, Marikunnu P.O., Calicut-673012, Kerala
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HRD  
21 July 15

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in HRD page  
9-7-15  
22/7/15



ICAR - National Academy of Agricultural Research Management  
Rajendranagar, Hyderabad 500 030



## Nomination Form

1. Name of the Programme and Date: **Training Programme on Geospatial Analysis of Natural Resources Management using statistical tools (September 2-11, 2015)**

2. Full Name (in block letters):

First name

Middle name

Last name

3. Date of birth and age:

4. Sex:

5. Nationality:

6. Designation:

7. Present employer and address :

8. Address for communication (in block letters):

Landline :

Cell :

E-Mail:

Fax:

9. Teaching/Research/Professional experience (including post held) during the last five years (attach additional sheets if required)

10. Academic record (start from Bachelor's Degree)

Exam	University or Institution	Year	Subjects	Class/ Rank	Another Information
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(Signature of the applicant)

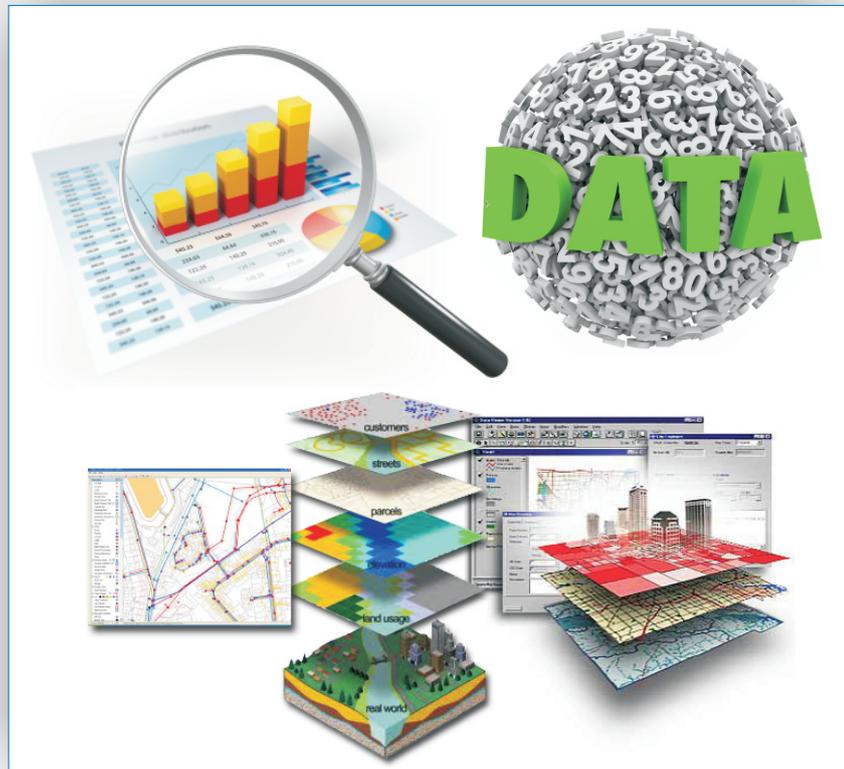
Date:

Place:

Recommendation of the Sponsoring authority

(Signature and Designation of the Nominating Authority)

# Training Programme on Geospatial Analysis of Natural Resources Management using Statistical Tools 2 - 11 September, 2015



## Programme Directors

P.D. Sreekanth  
A. Dhandapani



भाकृअनुप - राष्ट्रीय कृषि अनुसंधान प्रबंध अकादमी  
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**ICAR-National Academy of Agricultural Research Management**  
Rajendranagar, Hyderabad-500030, Telangana, India  
<http://www.naarm.ernet.in>



The ICAR-National Academy of Agricultural Research Management (NAARM), Hyderabad announces a Training Programme on “Geospatial Analysis of Natural Resources Management using Statistical Tools” during September 2-11, 2015 at NAARM, Hyderabad. We invite you to participate in the programme, and to forward this information to those who would be interested.

### Background

This training programme is the latest in the series organized by the Academy on the use of Geographic Information System (GIS) and Remote Sensing (RS) in Agricultural Research using statistical tools. GIS plays an important role in managing natural resources such as land, water and soil health. With the availability of hand-held GPS, high resolution satellite images and high performance computers, collecting and acquiring spatial data have become easy. However, such data is routinely used for visualization. Use of modern geo-statistical tools are also minimal and in early stage adoption in Indian National Agricultural Research System.

The training programme aims at enhancing competency levels of NARS professionals in understanding GIS, GPS and RS along with the geo-statistical tools and techniques to extract maximum information from spatial data. The geo-statistical tools to be covered in the training programme include geospatial analysis, spatial autocorrelation, variograms, spatial modeling, spatio-temporal models and spatial sampling.

### Methodology and Content

The programme consist of a blend of lectures, self-exploration instruments, case analysis and hands on exercises. The course content broadly covers topics on:

- Introduction to GIS/RS and spatial data management
- Visualization of Spatial Data using GIS/Other software
- Basic Geo-statistics
- Geospatial Analyses
- Spatial/spatio-temporal models
- Geo-sampling
- Applications of Geo-statistical tools - Case studies

### Programme Fee

Rs 10,000/- for non-ICAR participants (which includes board and lodging charges). For ICAR participants, TA and DA, board and lodging charges have to be met by the participants. Participants are requested not to bring any family member with them. The programme fee may be

paid through a demand draft drawn in favour of “ICAR Unit-NAARM”, payable at Hyderabad; sent along with the Nomination Form or Submit at the time of registration. The information should be mentioned on the reverse side of the Demand Draft: Programme Title; Name of the Participant & Office Address. Payment through NEFT/RTGS also accepted, the details of which are provided at <http://www.naarm.org.in/training>.

### Programme Dates, Duration and Last Date for receiving nominations

September 2-11, 2015 (10 days). Participants should arrive latest by the evening of Sept. 1, 2015, and can leave after 1700 hrs on Sept. 11, 2015.

*Last Date:* August 15, 2015.

### Who should attend?

Assistant Professors / Scientists and above cadre working in the area of Natural Resource Management are eligible. Participants should possess some prior knowledge of GIS, statistics and computers.

### Address for sending nomination(s)

All applicants are advised to fill their nominations using the Training Management Information System (<http://www.naarm.org.in/training>). After registration, please download the application form, sign and forward it through official channel to:

### Officer In-charge, Academic Cell

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### Programme Directors

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