

SKILL DEVELOPMENT TO USE SPATIAL DATA FOR NATURAL RESOURCES MANAGEMENT IN AGRICULTURE

Spatial Data Analysis using R and GeoDa

(24th Jan 2023 – 14th Feb 2023)

Organized by
Department of Agricultural Economics and Farm
Management
&
Department of Extension Education
In collaboration with



Centre for Advanced Agricultural Sciences and Technology



**NATIONAL AGRICULTURAL HIGHER EDUCATION
PROJECT COLLEGE OF AGRICULTURAL ENGINEERING,
JAWAHARLAL NEHRU KRISHIVISHWA VIDYALAYA
JABALPUR, MP, 482004**

Project website: www.nahep-jnkvv.org

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About Jawaharlal Nehru Krishi Vishwa Vidyalaya, Jabalpur

Jawaharlal Nehru Krishi Vishwavidyalaya established on October 2, 1964, is a forerunner university located in Jabalpur, Madhya Pradesh. The university is awarded Sardar Ballabh Bhai Patel Outstanding University Award for the year 2018 by the Indian Council of Agricultural Research, New Delhi. The university has various constituent colleges, Agricultural Research Stations, and Krishi Vigyan Kendra's. The University offers Bachelor's, Master's, and Doctoral degrees in the Faculty of Agriculture and the Faculty of Agricultural Engineering. The University also offers diploma courses of two years in "Seed Production" and "Nursery Management" at Horticulture Vocational Education Institute, Garhakota, Sagar, MP.

About NAHEP

NAHEP is designed to strengthen the national agricultural education system in India with overall objective to provide more relevant and high-quality education to agricultural university students. This programme has been promoting efficiency and competitiveness through changes in working mechanism of agricultural universities, raising the teaching and research standards through improved research and teaching infrastructure and enhanced faculty competency and commitments, and making agricultural education more attractive to talented students. There are four key components under NAHEP, namely; Institutional Development Plan (IDP), Centers for Advanced Agricultural Sciences and Technology (CAAST), ICAR to support excellence in agricultural universities (AUs), and ICAR Innovation Grants to AUs

Skill Development to use Spatial Data for Natural Resource Management in Agriculture

Objectives:

- To build basic capacity for using RS & GIS techniques applied for betterment of Natural Resource Management particularly in Agriculture and allied sectors.
- To identify appropriate techniques for integration of spatial and ground data to realize problems related to land, water and vegetation.
- To develop user friendly spatial data products using identified technologies for policymakers, researchers, field workers and farmers.

About the 21 Day Spatial Data Analysis using R and GeoDa

This offline training is intended to cover the basics of spatial data analysis. The well-known open source software R and GeoDa shall be used to impart training on spatial data analysis. The training programme aims to make trainees skilled in not only in preparation of thematic maps but also in analysis and interpretation of spatial data.

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Participants

University PG & PhD students of final years /Teachers/Faculty Members/Scientists are invited to participate in this offline training program for 21 days. The participants have to nominate themselves from their **Head of the Institution/ Department**.

Registration Details:

The candidates have to confirm their interest for attending the training on following link, Participants also have to upload their nomination to the given link:

<https://forms.gle/1LKjys79Giuk7hY67>

In case of any difficulty in uploading the Nomination, The interested candidate can send their nomination at sdnahep@jnkvv.org .

The last date to fill this registration form will be 18th Jan 2023 at 10.30 am. After that, applications will not be considered.

Terms and Conditions

- **Only nominated candidate will be considered for this 21-Days training program.**
- **Training seats are limited, the selection of participants will be finalized by project administration based on their eligibility and experience.**
- **NO TA/DA will be provided by NAHEP Project. The candidates will have to bear any travel cost to attend this training.**