

BOTANY DEPARTMENT, M. G. SCIENCE INSTITUTE, AHMEDABAD

INDIAN SOCIETY OF GEOMATICS-Ahmedabad Chapter

INDIAN SOCIETY OF REMOTE SENSING-Ahmedabad Chapter

cordially invite you all for

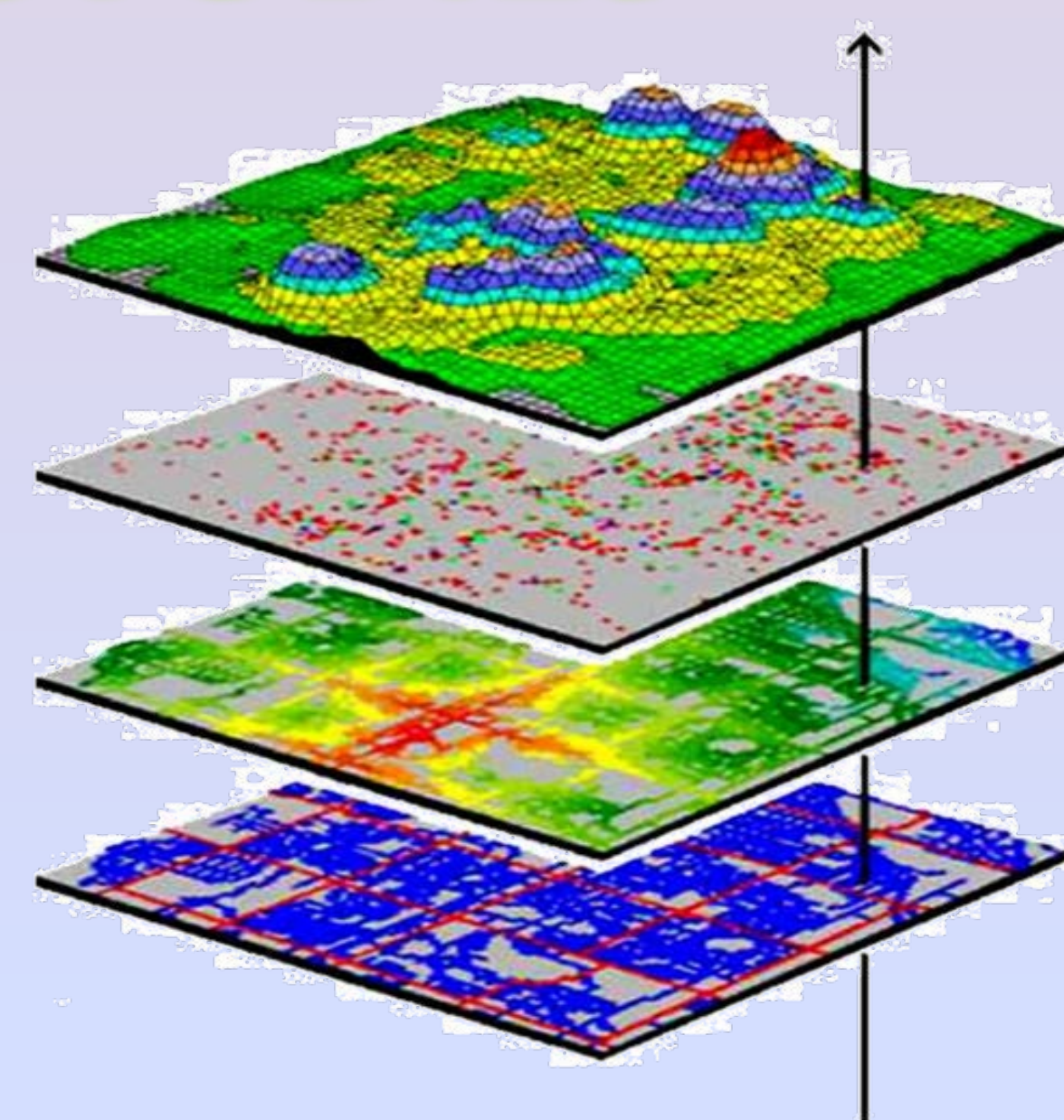
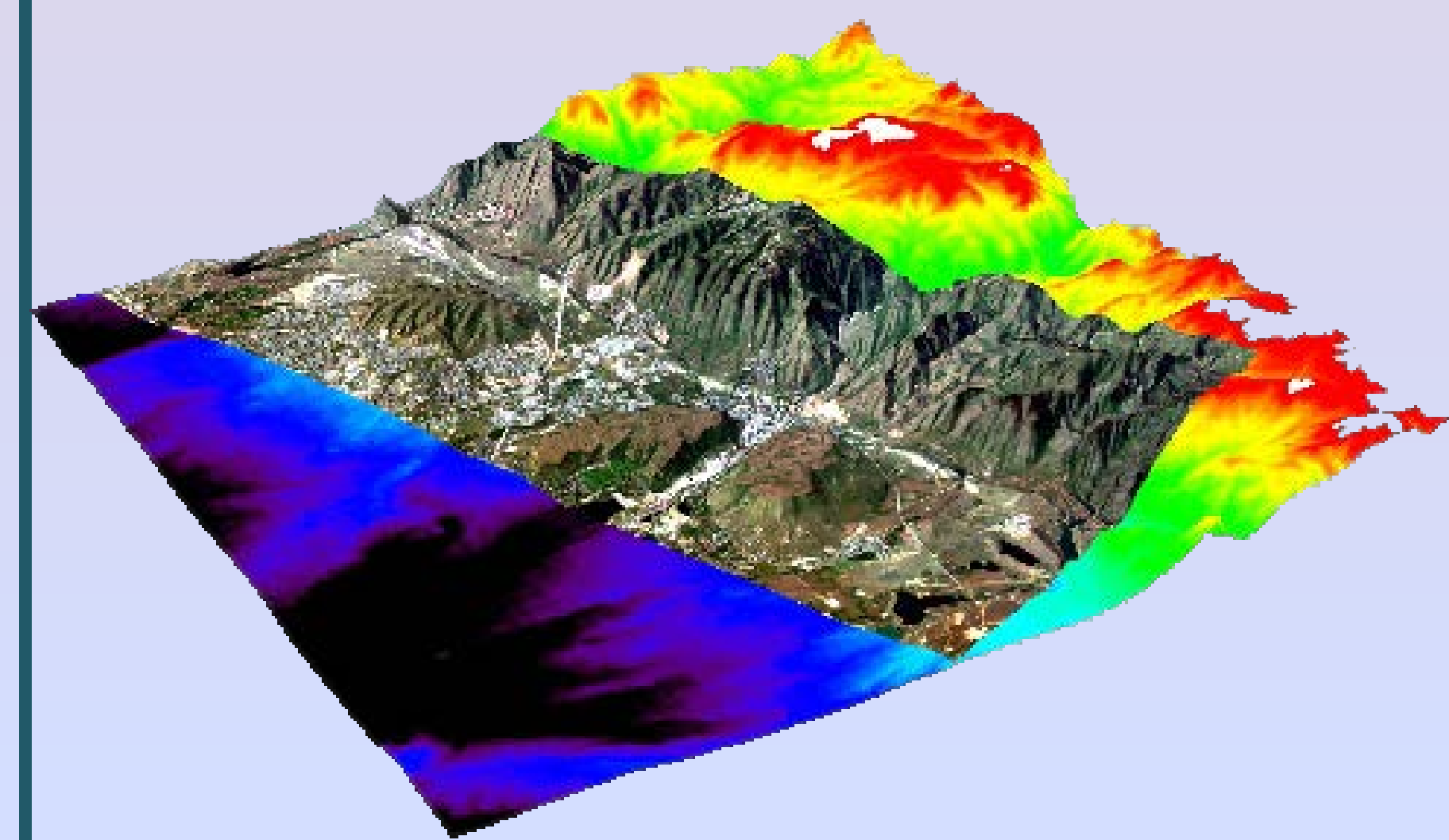
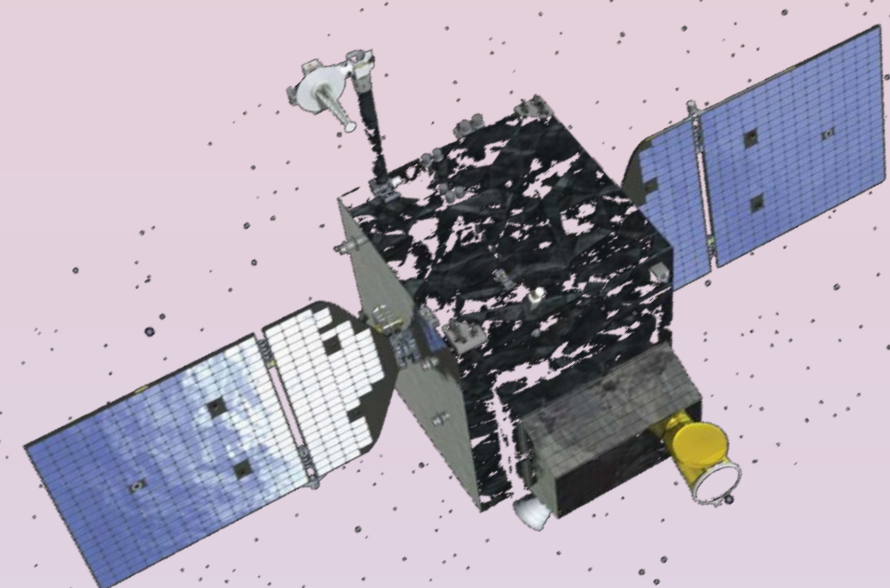
NATIONAL WEBINAR

On

REMOTE SENSING & GIS

FOR

PLANT & ENVIRONMENTAL STUDIES



GoToMeeting link to join the webinar:
<https://global.gotomeeting.com/join/832276053>

Or watch it live on our official
YouTube channel
<https://www.youtube.com/channel/UCHi65VHXHaPwz3HCTBJ9UoQ>

Keynote Speaker:

Dr. Prakash Chauhan

Director, IIRS, Dehradun

“Space Technology for Environmental Studies”

Guests of Honour

Prof. Abhijit Sen,

Chairman, Advisory Body, AES

Prof. A. H. Kalro, Academic Advisor,

Ahmedabad Education Society

Sh. Nilesh Desai, President, ISRS

Associate Director, SAC-ISRO, Ahmedabad

Dr. Raj Kumar, President, ISG

Deputy Director, EPSA, SAC-ISRO

Knowledge Sharing by:

1. Dr. Shibendu Ray, Director, MNCFC, New Delhi

“Satellite Remote Sensing for Agricultural Applications”

2. Dr. C. P. Singh, Scientist-SF, SAC-ISRO, Ahmedabad

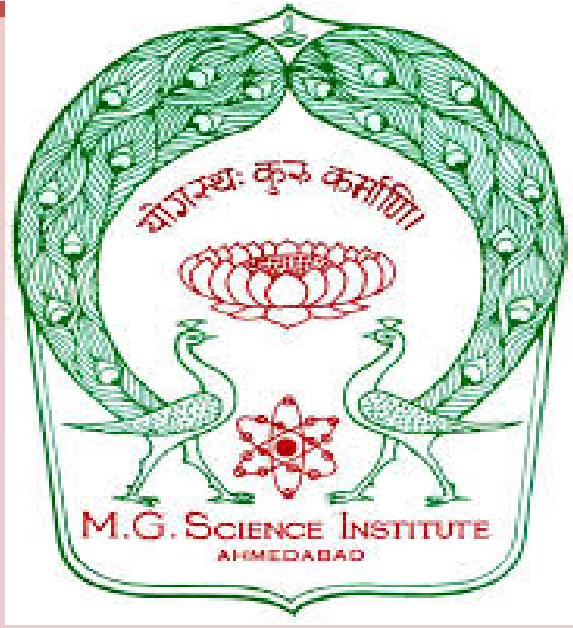
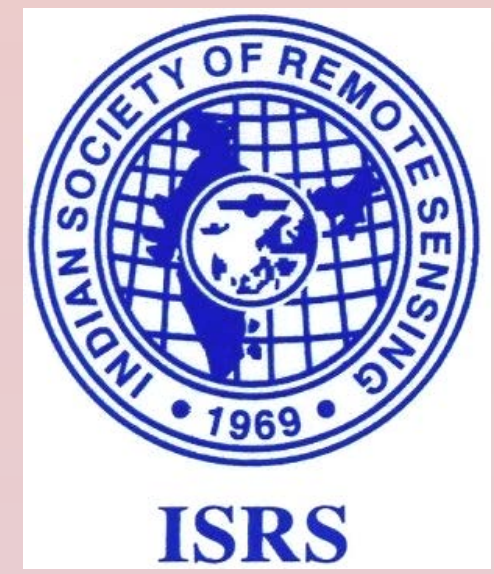
“Geomatics for Ecosystem Management”

LINK FOR FREE REGISTRATION :

https://docs.google.com/forms/d/e/1FAIpQLSeYp_a-VNegovVPf8n73aB42o3xIZbF6mfXAhTl62ctjO_mIDA/viewform?usp=pp_url

Date: Saturday, 19th
September, 2020
Time: 10.30am

E-certificate for those
who registered and
participate



Brief Biodata of Speakers



Dr Prakash Chauhan, Director, Indian Institute of Remote Sensing, Dehradun

Dr. Prakash Chauhan obtained his postgraduate degree in Applied Geophysics from Indian Institute of Technology (IIT), Roorkee and Ph. D. in Physics from Gujarat University, Ahmedabad. Prior to joining Indian Institute of Remote Sensing (IIRS), Dehradun, he was Group Director at Space Applications Centre, (ISRO), Ahmedabad since 2014. He joined Indian Space Research Organisation (ISRO) in year 1991 as scientist and since than working for the applications of remote sensing technology for natural resources management for ocean and land resources.

His major achievements are in the area of earth observation applications including development of algorithms for ocean colour parameter retrieval, marine living resource assessment, aerosol remote sensing for space based air quality monitoring, river and reservoir water level estimation using space borne altimeters and coastal zone management. He has done lead work in using the hyperspectral data for lunar surface composition mapping using HySI and Moon Mineralogical Mapper (M3) instruments of Chandrayaan-1. He has been the Principal Investigator for Infrared Imaging spectrometer (IIRS) instrument on-board Chandrayaan-2 mission. He also led a team scientists for scientific analysis of data from Mars Orbiter Mission (MOM) instruments. He has published more than 100 research papers in both National and International Journals.

He is executive member of International Ocean Colour Co-ordination Group (IOCCG) and representing ISRO. He has also represented ISRO at CEOS as Co-Chair for Ocean Colour Virtual Constellation (OCR-VC). Currently he is a member of prestigious NASA-ISRO Planetary Science working group. He has been awarded prestigious Prof. P.R. Pisharoty memorial award for the year 2004 by Indian Society of Remote Sensing, Hari Om Ashram Prerit Dr. Vikarm Sarabhai Research Award by Physical Research Laboratory (PRL), Ahmedabad for 2009, ISRO merit award by Indian Space Research Organisation in 2010 and Satish Dhawan award by ISRS, Dehradun for 2016. He is also fellow of National Academy of Sciences (NASI), Allahabad, India.

Dr Shibendu Shankar Ray, Director, MNCFC

Dr Shibendu Shankar Ray is currently the Director of Mahalanobis National Crop Forecast Centre (MNCFC) of Ministry of Agriculture & Farmers' Welfare, since its inception in 2012. Prior to this Dr Ray had 22 years of experience in the Space Applications Centre of Indian Space Research Organisation, Ahmedabad on Remote Sensing Applications. He obtained his Masters and Doctorate degree in Agricultural Physics, from the Indian Agricultural Research Institute, New Delhi. At MNCFC, he is leading a team of scientists and analysts for national level programmes on agricultural assessment using space technology.



Dr. C. P. Singh, Scientist-SF, SAC-ISRO

He is Scientist – SF in Biological and Planetary Sciences and Applications Group of Space Applications Centre. He has played key role in various prestigious projects related to satellite remote sensing applications in the field of environment, ecology and forestry. A first of its kind Himalayan Alpine Dynamics Research Initiative (HIMADRI) for long term ecological monitoring in Indian Himalaya has been established under his leadership. He has worked as Senior System Associate in ESRI India, New Delhi till 2002 before joining SAC, ISRO as Scientist in year 2002.

He has represented India in EUMETSAT's workshop of drought & fires at Turkey during 2011 and represented India in "Probing Vegetation Conference" in year 2013 at Belgium. He was part of the recent 39th Indian Scientific Expedition to Antarctica conducted in year 2019-20. He is active member of many professional societies including Indian Society of Geomatics, Indian Society of Remote Sensing, Indian National Cartographic Association, Indian Lichenological Society, Indian Meteorological Society, Astronautically Society of India, Indian Science Congress Association and Indian Society of Systems for Science and Engineering. He has delivered many invited talks in national and international forums.