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Vinjanampadu (Vil), Vatticherukuru (Md), Guntur (Dt), A.P. India –17.

IGS-STUDENT CHAPTER

A Webinar Lecture on

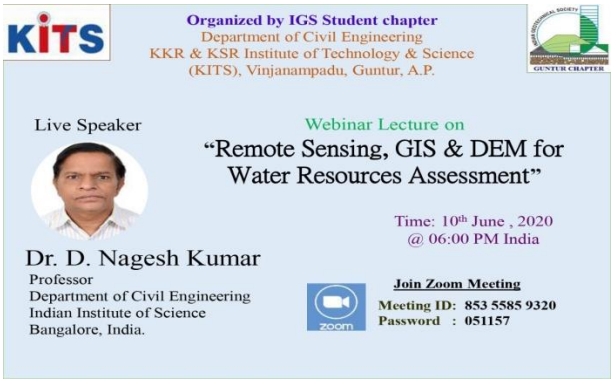
Remote Sensing, GIS and DEM for Water Resources Assessment

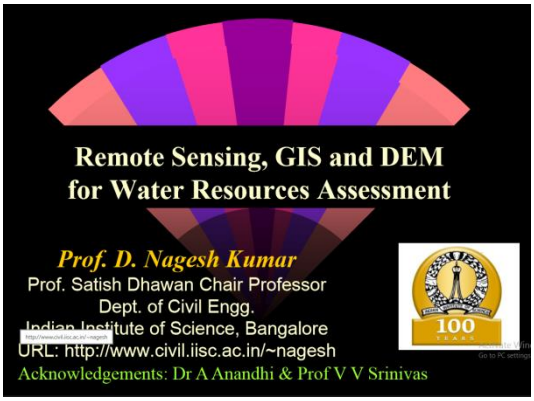
By

Prof. D. Nagesh Kumar
Dept. of Civil Engg.
Indian Institute of Science, Bangalore

Date: 10-06-2020, 06:00pm Ist

Organized by
Department of Civil Engineering





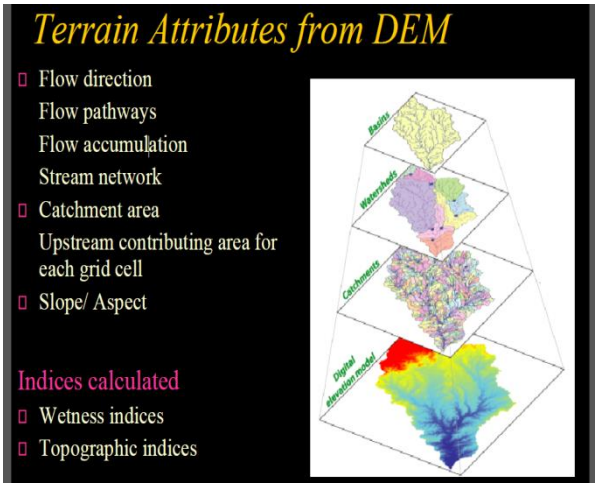
e-POSTER

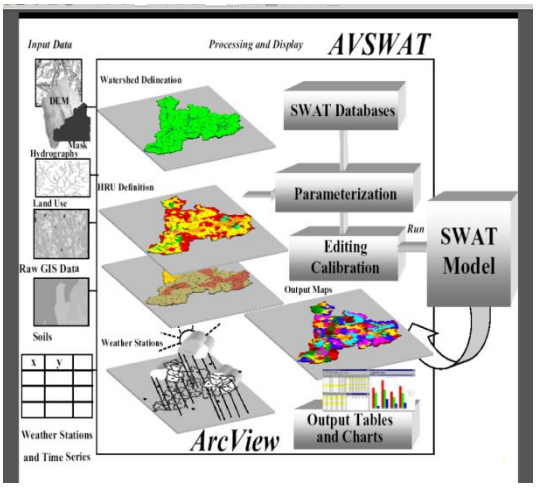
TOPIC

The IGS- Student Chapter of Department of Civil Engineering has conducted a webinar lecture on Remote Sensing, GIS and DEM for Water Resources Assessment on 10th June 2020. The lecture was delivered by Dr.D.Nagesh Kumar, Professor, Department of Civil Engineering, Indian Institute of Science, Bangalore.

In this webinar lecture more than 200 participants have attended from various institutes and industry. The participants gained knowledge in assessing water resources using DEM.

In his lecture Dr.Nagesh demonstrated integration of RS, GIS, DEM and Hydrological Models. He also covered AVSWAT analysis on Malaprabha River Basin.





He concluded that there is a Strong potential for use of RS, GIS & DEM for Modeling water resources planning and management. Also he said, proper image processing of remotely sensed data, DEM and Spatio-temporal analyses with GIS would be very effective for Water Resources Assessment & Management.

The webinar took place in online platform.After the lecture Dr.Nagesh Kumar answered a few questions posted by the participants.