

REPORT OF WEBINAR ON WATERSHED PRIORITIZATION
on 30-05-2020 conducted by Department of Chemistry, School of Arts and
Science, AV Campus, VMRF, Paiyanoor



The poster features the logos of Vinayaka Mission's Research Foundation and the School of Arts and Science. It is organized by the Department of Chemistry. The speaker is Dr. Rahul Jaiswal, Scientist 'D' at the National Institute of Hydrology, Roorkee, India. The webinar is titled "WATERSHED PRIORITIZATION" and is scheduled for 30-05-2020 at 5-6 p.m. An e-certificate will be issued to participants. A registration link is provided at the bottom right. The poster also includes a photo of a pond and a Zoom logo.

SCHOOL OF ARTS AND SCIENCE
VINAYAKA MISSION'S RESEARCH FOUNDATION
AV, CAMPUS, CHENNAI - 603 104

DEPARTMENT OF CHEMISTRY

ORGANISING
A
WEBINAR ON
**"WATERSHED
PRIORITIZATION"**

Dr. Rahul Jaiswal
Scientist 'D'
Ministry of Jal Shakti
Department of Water Resources
National Institute of Hydrology
Roorkee, India.

**E-
Certificate
will be
issued**

**Registration
link**

**Dated on
30-05-2020
@ 5-6 p.m.**

https://docs.google.com/forms/d/e/1FAIpQLSeHBWraOB6TJILtp23PFItMxHaOjRvoT_a9hNa3o40rFGPV1Q/viewform

WJTH
ZOOM

With the blessings of SAS Management, having persistent inspirations of our beloved Director Dr. R. Shanmugavalli, a WEBINAR on **WATERSHED PRIORITIZATION** on 30.05.2020 conducted by the Department of Chemistry through online mode.

About the Resource person:Dr. Raghul Jaiswal is an eminent Scientist working at National Institute of Hydrology, Regional Centre – Bhopal, Under Ministry of Jal Shakthi, Government of India from 1991 onwards.

He has completed his UG degree at Government Engineering College, Rewa. M.Tech at IIT, Roorkee. Completed his Ph.D. from Maulana Azad National Institute of Technology, Bhopal.

He is having more than 20 years of experience in Water Resource Management and Modelling, Climate change and Watershed management. He has published more than 150 papers in International, National journals and conferences.

Description: The Eminent Scientist Dr. Raghul Jaiswal given importance of Watershed management with neat presentation. This will enable the participants to build responding to the growing needs of sustainable development, water resource management and Watershed management to achieve environmental sustainability.

Program: For this Webinar, registration link using **Zoom** ID and password was created. The link was circulated among students and faculty members of various institutions. YouTube link also circulated to participants to view live streaming.

Around **800 participants** have registered and participated in this webinar. Using zoom id, 100 participants have joined and remaining participants joined in **YouTube** live streaming.

At the beginning, Dr. R. Shanmugavalli, Director (SAS) given welcome address to the participants, Prof. I. AmeethBasha, HOD, Dept. of chemistry introduce the resource person and after the presentation, Questionnaire session conducted. Resource person given the answer to them. Online Feedback form posted in chat

box, filled in Feedback form received from the participants and e-certificates issued to the participants. Prof.I. AmeethBasha delivered the vote of thanks.

Screenshots of the Webinar presentations:

Watershed

- ▶ A **watershed** is that geographic area through which water flows across the land and drains into a common point call outlet.
- ▶ Watershed also has socio-political-ecological entity plays crucial role in determining food, social, and economical security and provides life support services to rural people.

From gowri ramachandran to Everyone
good evening to everyone

Classification of Watersheds

SN	Category	Size (ha)	No. (India)
1	Region	More than 300,00,000	6
2	Basin	30,00,000-300,00,000	35
3	Catchment	10,00,000-30,00,000	112
4	Sub-catchment	2,00,000-10,00,000	500
5	Watershed	50,000-2,00,000	3237
6	Sub-watershed	10,000-50,000	12000
7	Milli watershed	4000-10,000	72000
8	Mini watershed	1000-4000	-
9	Micro watershed	100-1000	-

From SAIKTHIVEL K to Everyone
Good evening to all

Zoom Meeting | You are viewing Dr R K Jaiswal's screen | View Options

Recording... | LIVE on YouTube | Speaker View

Soil Erosion and Stressed areas depend on

- Climatic Parameters**
 - Rain, wind
- Topography**
 - Slope, slope length
- Soil Characteristics**
 - Depth, structure, texture, organic carbon, sp. gravity, porosity etc.
- Cropping Management**
 - Type of Land, Land use
- Conservation Practices**
 - Conservation measures, intensity

These factors vary spatially & temporally

Participants (100)

Find a participant

- AB AMEETH BAS... (Co-host, me)
- AVIT Campus (Host)
- DR Dr R K Jaiswal (Co-host)
- JUSTIN ANTANY (Co-host)
- SR Shanmugavalli R (Co-host)
- Hya
- 1 1bbc3e25
- 1 1hX3oTZjg63ALFP50_9015CnP9x...
- 3 30d11e4e
- 4 402fb306
- 7 796313
- AC A. CHELLADURAI
- A A.GOMATHI
- AS AKANKSHA SONI

Unmute | Start Video | Security | Participants 100 | Chat | Share Screen | Pause/Stop Recording | Reactions | Leave

Type here to search | ENG | 17:24 | 30-05-2020

Zoom Meeting | Recording... | LIVE on YouTube

Land use Map

S.N	Land use	Area (sq. km.)	Percentage
1.	Agriculture	243.86	79.39
2.	Dense Forest	48.38	15.75
3.	Scrub	1.22	0.40
4.	Settlement	7.88	2.57
5.	Water body	5.81	1.89
6.	Total	307.17	100.00

LEGEND

- Dense Forest
- Scrub
- Agriculture
- Settlement
- Water body

Participants

- Nokia 1
- AMEETH BAS...
- Dr R K Jaiswal
- AVIT Campus
- Dr. Mahesh T...
- Dr. Rathakris...
- M. Ramesh
- VIJAYA KUMAR A
- Dr. Manjunat...
- Dr. Rajayapra...

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Model e-certificate

