



WEBINAR CLOSURE REPORT

ON

“HYDRO- METEOROLOGICAL DISASTERS: IN THE CONTEXT OF GLOBAL WARMING”

“जलीय-मौसम आपदाएं: वैश्विक तापमान वृद्धि के सन्दर्भ में”

(25TH JANUARY 2023, TIME: 4.30 P.M.)

**INVITED GUEST SPEAKER: PROF. SUNEET KUMAR DWIVEDI,
(ALLAHABAD UNIVERSITY)**

Organized By

**DEPARTMENT OF ENVIRONMENTAL SCIENCES,
CENTRAL UNIVERSITY OF HIMACHAL PRADESH
Shahpur Campus, District Kangra, H.P.**

(GOOGLE MEET LINK: [HTTPS://MEET.GOOGLE.COM/APY-JBQC-RGE](https://meet.google.com/APY-JBQC-RGE))

2023



हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय



पृथ्वी एवं पर्यावरण स्कूल

शाहपुर अकादमिक परिसर, शाहपुर कांगड़ा, हि. प्र. - 176206



निमंत्रण

हिमाचल प्रदेश केन्द्रीय विश्वविद्यालय स्थापना

दिवस समारोह सप्ताह के अंतर्गत

पर्यावरण विज्ञान विभाग

आचार्य सत प्रकाश बंसल

माननीय कुलपति,

हि.प्र.के.वि.वि.

एक आमंत्रित व्याख्यान आयोजित कर रहा है।

विषय:

“जलीय-मौसम आपदाएं : वैश्विक तापमान वृद्धि के संदर्भ में”



आचार्य प्रदीप कुमार

अधिष्ठाता अकादमिक

हि.प्र.के.वि.वि.



मुख्य वक्ता:

आचार्य सुनीत कुमार द्विवेदी,

इलाहाबाद विश्वविद्यालय



आचार्य ए के महाजन

अधिष्ठाता छात्र कल्याण

हि.प्र.के.वि.वि.

दिनांक: 25.01.2022 **समय:** 16:30 बजे **स्थान:** गूगल मीट

Google Meet link: <https://meet.google.com/apy-jbqc-rge>

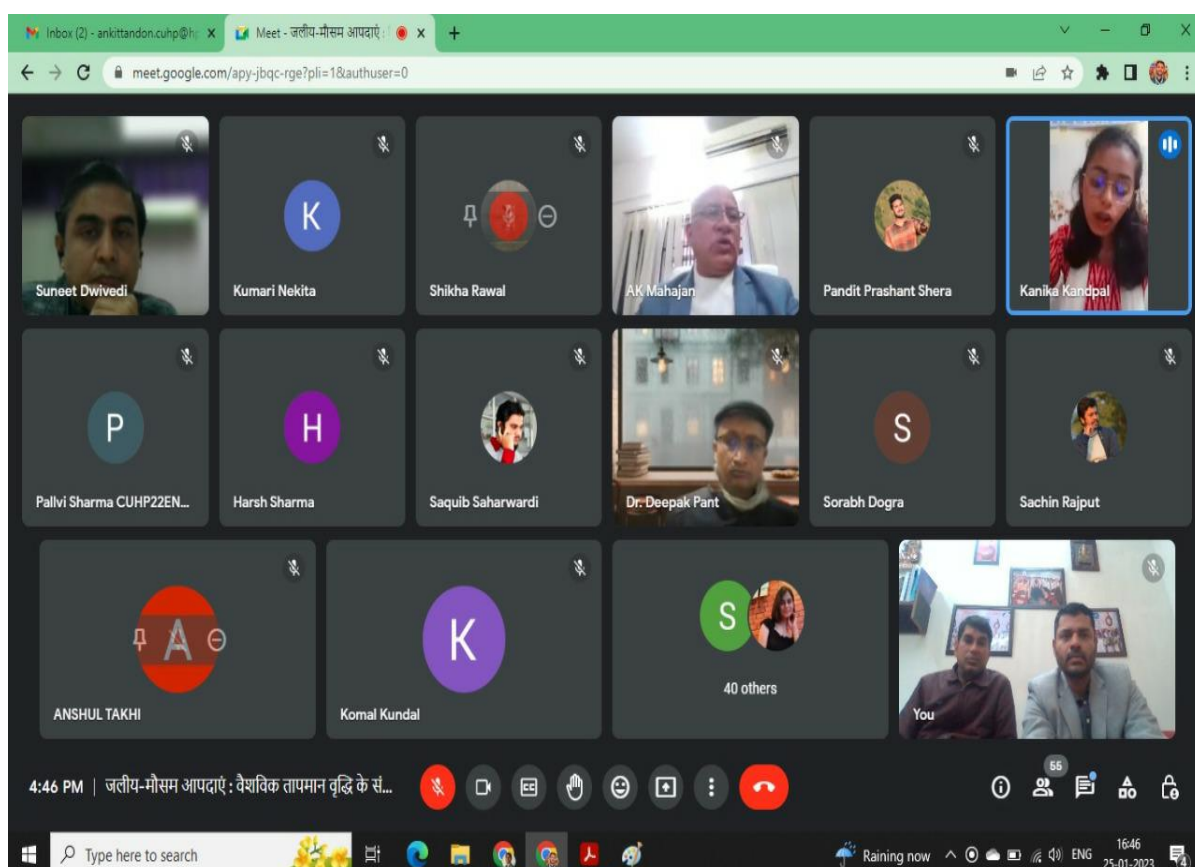
ABOUT THE WEBINAR

The Department of Environmental Sciences, School of Earth & Environmental Sciences, Central University of Himachal Pradesh, Shahpur Campus, organized a webinar on 25th January, 2023, to commemorate the foundation week of Central University of Himachal Pradesh. The topic or theme of the webinar was “**Hydro- Meteorological Disasters – In the Context of Global Warming**”. **Prof. Suneet Kumar Dwivedi** from Allahabad University was the Chief invited speaker of the webinar. Prof. Dwivedi is a renowned scientist and currently holding the position of Professor at **K. BANERJEE CENTRE OF ATMOSPHERIC AND OCEAN STUDIES**, University of Allahabad, India.

HIGHLIGHTS OF THE WEBINAR

The webinar started at 4:30 p.m. through the virtual platform (Google meet link: <https://meet.google.com/apy-jbqc-rge>). The webinar was started by welcoming all the distinguished guests and audience by Kanika Kandpal, a M.Sc. 1st Semester Environment Sciences, student. The Vice Chancellor of CUHP, **Prof. Sat Prakash Bansal**, Academic Dean **Prof. Pradeep Kumar**, Dean of Student Welfare **Prof. A.K. Mahajan** along with all the faculty members of the department was present.

Prof. AK Mahajan gave a warm welcome to the speaker and gave the audience a brief overview of webinar in his opening remarks. More than 50 participants joined the webinar.

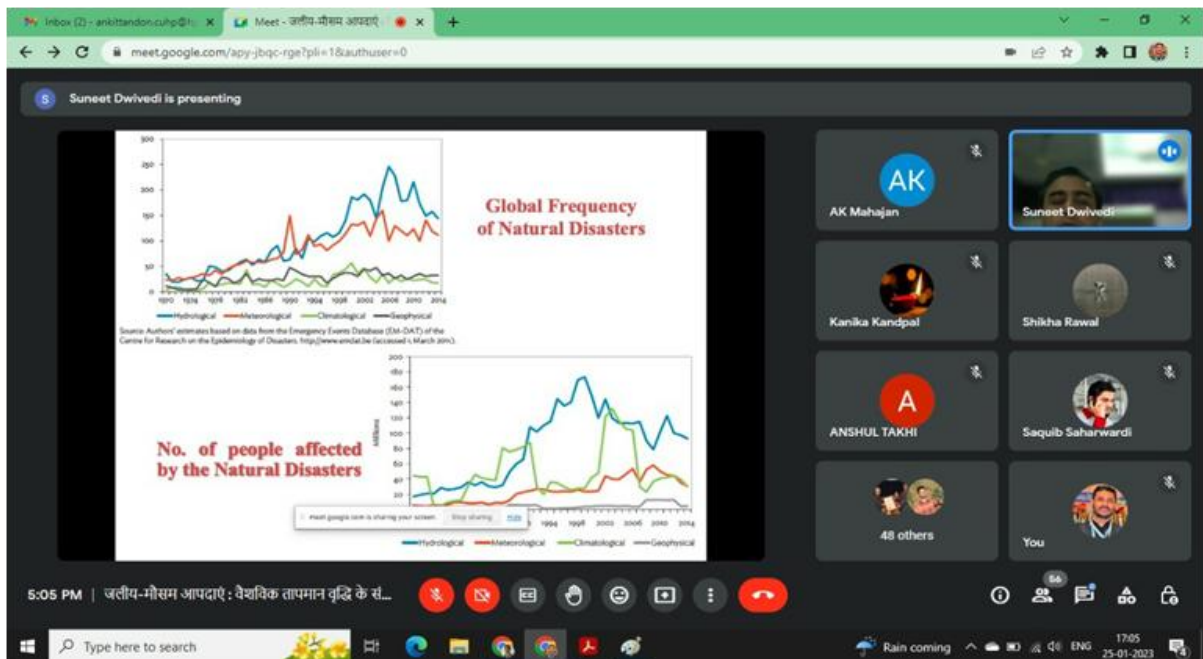


Prof. Dwivedi began the presentation at about 4:40 p.m. He started by giving a brief introduction about **DISASTERS** and **NATURAL HAZARDS**. He explained how natural phenomenon can potentially trigger a disaster. Then he talked about the current problem of **CLIMATE CHANGE** due to global warming. He explained to audience about how the increasing level of greenhouse gases concentration in atmosphere due to human activities is causing climate change. With the help of graphs and diagrams he explained about the topics like Global Frequency of natural disasters, observed changes in temperature and many others.



In his lecture, Prof. Dwivedi talked about the cascading effects of rising atmospheric CO₂ concentrations. The Changes in annual rainfall in India over a period of 50 years due to climate change was also covered by him. He said that deforestation is one of the main reasons behind this whole scenario.

A complete analysis of the **IPCC AR5 CMIP5** Models in the context of very heavy and extremely heavy rainfall was done by him.



He also discussed about the Vulnerability of hazards by giving the example of California. He told that increasing level of sea is dangerous for world. He said that the increasing level of sea is an irreversible process which is a major threat for Earth. Several other environmental problems were also discussed by him.

At last, he ended the lecture by telling the audience about all the consequences of climate changes, and how can it be prevented from increasing. At around 6 p.m., the lecture was finally concluded with a vote of thanks.

