

# World Nature Conservation Day, 2020

ENVIS RP on Geodiversity & Impact on Environment, School of Environmental Sciences, JNU celebrated the World Nature Conservation Day, 28<sup>th</sup> July 2020. On this occasion, a webinar was organized on the theme '**Nature Conservation**'. Time duration of the webinar was one & half hours. Panelists included international experts and professionals working in the field of Nature Conservation.

These were- 1). Prof C P Kaushik, Member EIA AC, QCI-NABET, Member Environment Committee PHD Chamber, 2). Ms. Barsha Lekhi National IP Fellow, UNDP GEF, Advisor, Earth Day Network, Nepal, 3). Professor Umesh Kulshrestha, Dean SES, JNU and ENVIS-Coordinator, 4). Dr Usha Mina, Associate Professor JNU & Co-coordinator JNU ENVIS, 5). Mr Manjul Panwar, PhD Student SES, JNU, 6). Mr Saurabh Singh, PhD Student SES, JNU, 7). Mr. Piyush Ojha, PhD Student SES, JNU. Professor Umesh Kulshrestha, Dean SES, JNU and ENVIS-Coordinator moderated the panel discussion. It was attended by more than 400 participants, through Google-Meet platform and Facebook live broadcast. Also, the participants were from different parts of the country and included university students, researchers, faculty members and professionals.



# World Nature Conservation Day

Webinar Date : 28<sup>th</sup> July, 2020 | Time : 12 Noon-1pm

## Speakers



**Prof C P Kaushik**  
Member EIA AC, QCI-NABET  
Member Environment  
Committee PHD Chamber



**Ms. Barsha Lekhi**  
National IP Fellow,  
UNDP GEF, Advisor,  
Earth Day Network, Nepal



**Prof U.C. Kulshrestha**  
ENVIS Coordinator  
SES/JNU (Dean)



**Dr. Usha Mina**  
ENVIS Co-coordinator  
SES/JNU



**Mr Manjul Panwar**  
PhD student  
SES/JNU



**Mr Saurabh Singh**  
PhD student  
SES, JNU



**Mr. Piyush Ojha**  
PhD student  
SES, JNU



**Ms. Swati Singh**  
Programme Officer  
JNU ENVIS

Registration Link- <https://forms.gle/HMGYWh67t389siqY6>  
e-certificate will be provided to all participants.

Organized by:  
JNU ENVIS Resource Partner on Geodiversity & Impact on Environment  
School of Environmental Sciences, Jawaharlal Nehru University, New Delhi  
Ministry of Environment, Forest & Climate Change, Govt. of India

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Webinar on World Nature Conservation Day July 28, 2020 (12 Noon -1:00pm)	
Speakers	Time
Welcome Address by <b>Prof Umesh Kulshrestha</b> Coordinator ENVIS and Dean,SES JNU	12:00 noon-12:05 pm
<b>Prof C P Kaushik</b> Member EIA AC, QCI-NABET, Member Environment Committee PHD Chamber	12:05-12:15 pm
<b>Ms. Barsha Lekhi</b> National IP Fellow, UNDP GEF, Advisor, Earth Day Network, Nepal	12:15-12:25 pm
<b>Dr Usha Mina,</b> Co-coordinator JNU ENVIS	12:25-12:35 pm
<b>Mr Manjul Panwar,</b> PhD Student SES, JNU	12:35-12:40 pm
<b>Mr Saurabh Singh,</b> PhD Student SES, JNU	12:40- 12:45 pm
<b>Mr. Piyush Ojha,</b> PhD Student SES, JNU	12:45- 12:50 pm
Concluding Remarks <b>Prof Umesh Kulshrestha</b>	12:50- 12:55 pm
Vote of Thanks by <b>Ms. Swati Singh,</b> Program Officer, JNU ENVIS	12:55- 1:00 pm



**JNU ENVIS Resource Partner on Geodiversity & Impact on Environment**  
 School of Environmental Sciences, Jawaharlal Nehru University, New Delhi  
 Ministry of Environment, Forest & Climate Change, Govt. of India, New Delhi



Fig.1: Poster and Schedule of the Webinar widely circulated on JNU ENVIS Website & Social media platforms

**Prof. Umesh Kulshrestha, Dean & ENVIS Coordinator, SES, JNU** - He welcomed all the eminent speakers and the participants. He mentioned in brief about the speakers. He highlighted the importance of the World Nature Conservation Day, specially during Corona Virus Pandemic time when new normals are experienced. He presented his publication suggesting the policy makers about **'Creation of Huge Lakes as a Holistic Solution to Control Air Pollution in Delhi NCR'**. He advocated for holistic solutions and solutions which are close to nature. In order to control dust air pollution in NCR, he has suggested to create at least two huge lakes of around 5-7 km diameter in NCR.. This waterbody adds moisture to the atmosphere and helps to form clouds followed by occasional rains. When rainfall is high over an area dust will naturally settle down to the surface and dust pollution problem is solved. He mentioned that this suggestion was taken up by Delhi Government very seriously and it helped not just dust pollution problem but at the same time led to ground water recharge and greening of the area. He encouraged participants to think so such holistic and environment friendly solutions to problems. He then invited Prof C P Kaushik, Member EIA AC, QCI-NABET, Member Environment Committee PHD Chamber to deliver his talk.

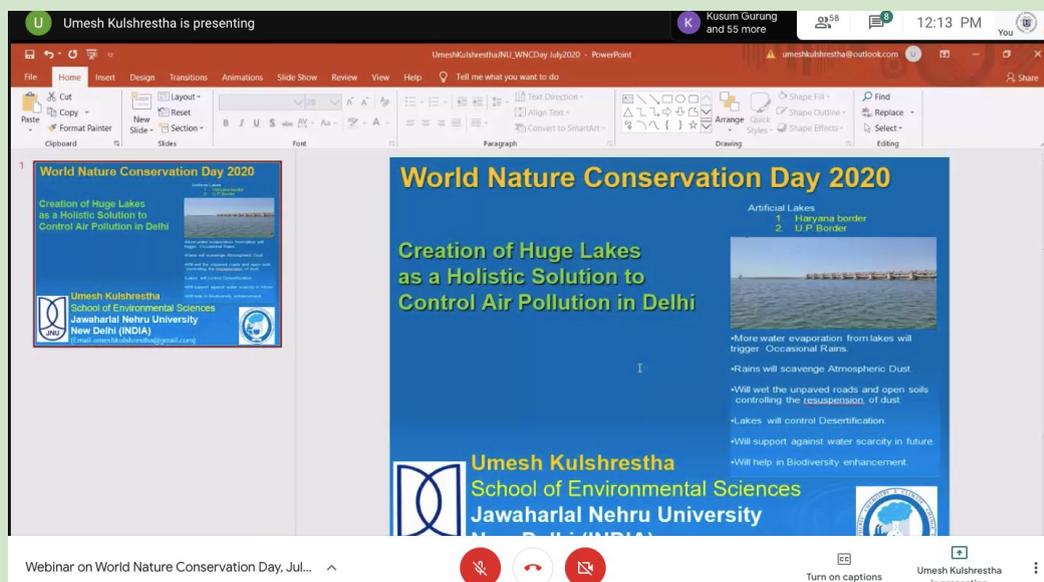


Fig.2: Prof. Umesh Kulshrestha, Dean & ENVIS Coordinator, SES, JNU

**Prof C P Kaushik, Member EIA AC, QCI-NABET, Member Environment Committee PHD Chamber**- He talked about many changes that are taking place in Nature, said 99% lives have become extinct. We are heading towards Sixth Mass Extinction and anthropogenic effects have made it 100% faster. He gave various examples how nature is affected by human activities.

In India Tigers are becoming extinct, so the concept of National Parks to protect them, as this organism is very important for entire ecosystem.

When ever a big tree is cut down, under growths and soil organisms are also lost in the process.

Polar & glacial ice is melting, we need to keep temperature below 1°C and if the global average temperature will reach above 2°C, earth will burn.

Ecosystems provide various services live cultural, ecological, biological, aesthetical etc. When ever a species becomes extinct its gene pool is lost forever. A species becomes extinct when no representative of the species is available in the wild for the last five years. Some of the extinct species are Dodo, Passenger Pigeon etc.

Drop Cat Operation- due to excessive usage of DDT, cats got killed this lead to increase in number of rats. Increased population of rat lead to diseases like plague, thus cats were air dropped to control population of rat and thus control on plague, so a missing link in food chain can affect whole ecosystem.

Penguins feeds on krill, due to global warming and melting of ice population of Krill is decreasing. Due to this penguins are moving towards land masses which is not their original habitat.

Decreasing Whale population affects whole marine ecosystem, as Whale uptakes food from deep layers of ocean and bring it to surface in form of their dropouts. Many marine organisms depends on these dropouts of Whale for nutrition.



Fig.3: Prof C P Kaushik, Member EIA AC, QCI-NABET, Member Environment Committee PHD Chamber,

**Ms. Barsha Lekhi National IP Fellow, UNDP GEF, Advisor, Earth Day Network, Nepal** - She said the first step for any conservation plan is to understand which and what components needs to be protected. She talked about her work in Nepal. Individual and Institutional efforts both were mentioned. On individual efforts daily choices in sustainable manner were talked about, like reduced plastic products, reduce-reuse-recycle to be promoted, growing organic vegetables, adopting sustainable fashion and basic lifestyle etc.

At institutional level she talked about various projects (around 165) taken up by UNDP Small Grant projects in Nepal. Focus to protect biodiversity, Forest Management,

prevent land degradation, stop PoPs, Community level approaches and livelihood options (like Hydraulic water pumps, Cardamon dryer etc.) for long term and sustainable nature conservation.

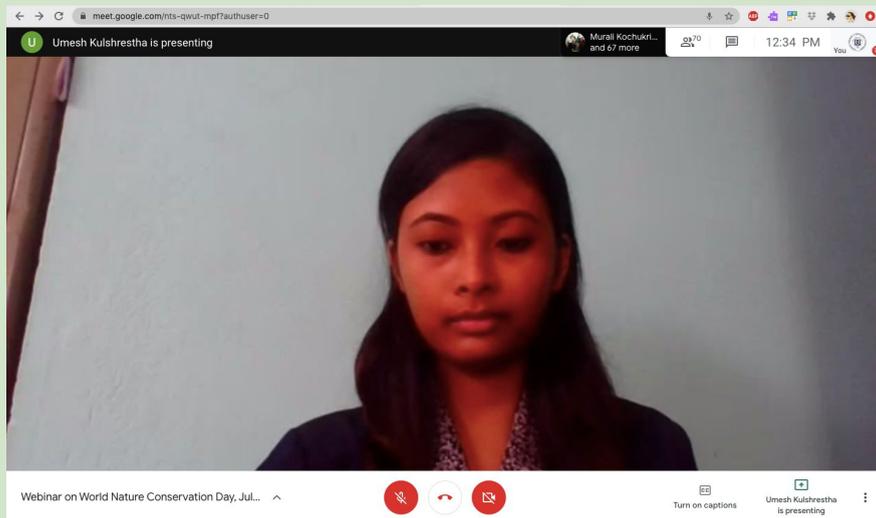


Fig.4: Ms. Barsha Lekhi National IP Fellow, UNDP GEF, Advisor, Earth Day Network, Nepal

**Dr Usha Mina, Associate Professor JNU & Co-cordinator JNU ENVIS-** Commenced her discussion by asking to develop an emotional bond with nature. A cognitive and spiritual bond should be developed with nature. She mentioned various text which mentions importance of nature in our lives. All beings should be treated equally. Nature gives us strength and mental peace. She also talked about Nature Deficient Disorder - where people lose respect for nature, meaning for life and leads to depression. Children should be connected to nature with Reconnect with Nature should be promoted. She also talked about various conversationalist like Gaura Devi who lost her life to protect forests. She advocated Rights to Nature, recognise that ecosystem have rights just like humans have and holistic recognition. Also talked about one planet concept, decide better choices, nature based solutions, harness power of nature. Also with 3R's Reduce-Reuse-Recycle, time to add two more R's Respect & Reconnect with Nature. Reduce Carbon, Ecological and Water footprint.



Fig.5: Dr Usha Mina, Associate Professor JNU & Co-cordinator JNU ENVIS

**Mr Manjul Panwar, PhD Student SES, JNU** - He talked about human relation with nature. He differentiated Conservation as protection with anthropogenic motives and Preservation as protection with non-anthropogenic motives. He shared various success stories like Gaura Devi, Forest Man of India etc. He suggested that we should take steps like plant more trees, go vegan and meatless atleast once a week. He ended his talk with beautiful message from Dr. Sonam Wangchuk “Please live Simple, so that we can Live Simply”.



Fig.6: Mr Manjul Panwar, PhD Student SES, JNU

**Mr Saurabh Singh, PhD Student SES, JNU** - Discussed about his experiences in nature conservation. Talked about conservation of natural resources. Also mentioned various conservation organisations. Related how religion advocates for conservation of nature and said we should first let go of our ego to initiate any conservation efforts. He also said conservation efforts should not be with any biased motive for human benefit, but it should be purely for the benefit of nature and all species.



Fig.7: Mr Saurabh Singh, PhD Student SES, JNU

Mr. Piyush Ojha, PhD Student SES, JNU- He talked about his field of study and how nature conservation can be adopted in rural areas and low income societies. He gave various examples like energy efficient bulbs and techniques for carbon saving.

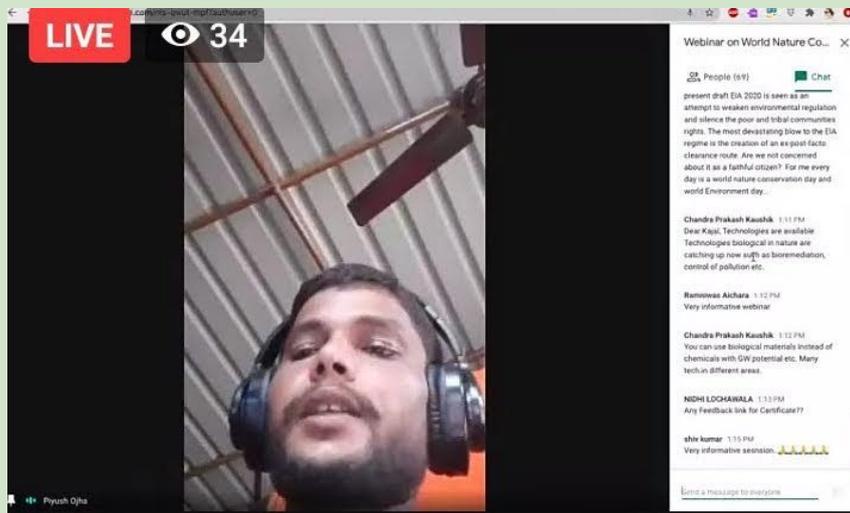


Fig.8: Mr. Piyush Ojha, PhD Student SES, JNU

Concluding remarks by Prof. Umesh Kulshrestha, Dean & ENVIS Coordinator, SES, JNU

E-Release of Awareness Poster prepared by JNU ENVIS RP on 'Step to Conserve Nature' by guest. Vote of Thanks was extended by Ms. Swati Singh, Programme Officer, JNU ENVIS RP.



Fig.9: E-Release of Awareness Poster on 'Step to Conserve Nature' by guests : Prof. C.P. Kaushik & Ms. Baesha Lekhi.

# World Nature Conservation Day | 28<sup>th</sup> July, 2020

## STEPS TO CONSERVE NATURE



Using Alternative & Renewable Source of Energy (eg. Solar, Wind, Hydro etc.)



Planting & preserving trees



Place water bowls or tanks for birds and animals



Replace lightbulbs with LEDs, Unplug chargers, appliances & light when not in use



Judicious use of water, reuse waste water



Reduce Reuse Recycle  
Using biodegradable products & recycling wastes



Using cloth or paper bags



Promote walking/ cycling for short distances, public transport / car pool for long distances



Promote Local/country produced goods



Promoting Environmentally Friendly Agriculture, Forestry & Fisheries



Preservation of natural environment, forest resources, biodiversity reserves, national parks & sanctuaries



Installing water-efficient appliances, shower & rainwater harvesting structures

“Earth provides enough to satisfy every man’s needs, but not every man’s greed.” - Mahatma Gandhi

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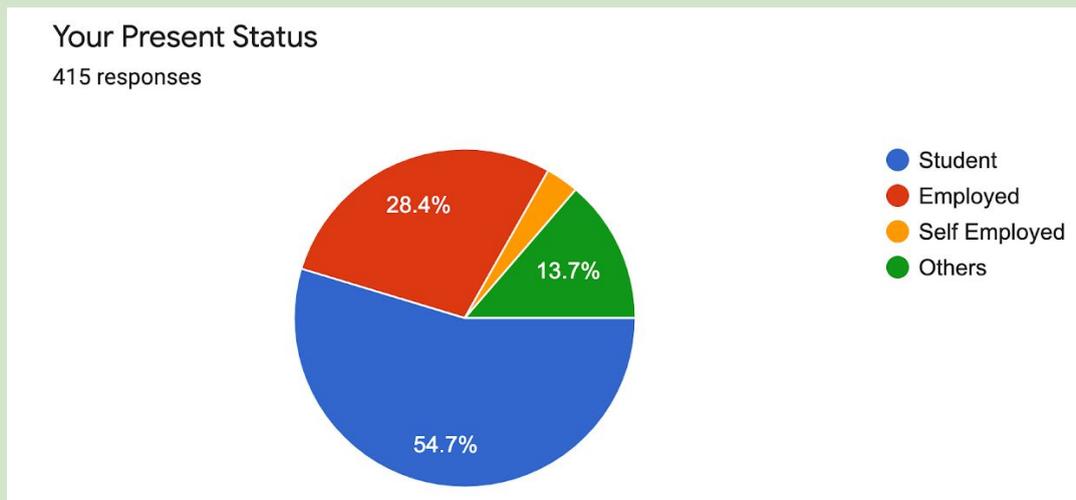
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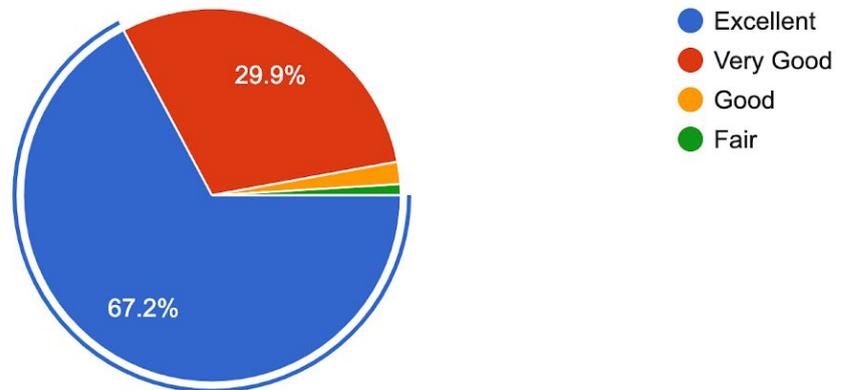
Fig.9: Awareness Poster on ‘Step to Conserve Nature’ can be downloaded on <http://jnuenvis.nic.in/>

Session came to an end with distribution of e-certificate to all the participants. Very positive feedback was received from the participants.



## How would you rate this Webinar?\*

415 responses



Questions **Responses** 415

### Your Short Line Feedback

349 responses

Very informative session, appreciate if more event to be organised in same line

THE WEBMINAR WAS VERY INFORMATIVE AND SHOWS INDIAN CULTURE AS VERY SCIENTIFIC WAY AS IT REVEALS OUR CULTURE ENVIRONMENT PROTECTIVE.

The program was well organised and it was done within the timeframe.  
Over all i enjoyed the various presentations

That's a excellent webunar, I got experience form the best Faculty, and scholar.

Very good for future prospects

I also helpful.

Very resourceful

Very systematic, organized and insightful

Fig 10: Graph on Feedback