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# #मंथनहिमालय

Himachal Pradesh  
Climate Change Conclave  
2021

# RESOLUTION-21



Regional Conference

## "SECURE HIMALAYA - SAFE INDIA"

Reducing Climate Change Induced Risks & Vulnerabilities GLOF-Glacial Lake Outburst Floods in Himalayas

18-19 December, 2021

Darbar Hall, Hotel Peterhof, Shimla, Himachal Pradesh, India

#act4himalaya

Organized by

Government of Himachal Pradesh  
Department of Environment, Science & Technology



Shimla / 18-19 December 2021

# RESOLUTION-21

Development of  
Concept Note for  
Himalayan Region on  
climate and disaster  
risk reduction

Develop a state level  
climate resilience  
strategy that  
addressed the  
capacity development  
needs at multiple  
levels

Prioritize climate  
hazard vulnerability  
assessment with  
relative risk index

Community level Plan  
and preparedness on  
climate and disaster  
risk

Development of  
original, fundamental  
solutions for  
mountainous regions

Foster climate  
research at state level  
and identify district  
wise climate and  
disaster risks

Subnational level/State  
governments to be made  
partners for the issue of  
warnings and dissemination  
of meteorological data

Develop framework  
for climate research at  
subnational level  
based on agro-  
climatic zones

Enhance capacities of  
existing institutions in  
Himalayan region to  
integrate research on  
local climate context  
with practical  
solutions.

Integrate eco-literacy  
and climate literacy  
into the education  
system of Himalayan  
Region focusing on  
youth engagement

Development of Early  
Warning System protocol as  
a short term-measure and  
infrastructure development  
as long-term measure in  
region for building disaster  
resilience and effective  
response to climate change  
risk

Multihazard warning  
system framework for  
entire himalayan  
region

Conceptualize a joint  
program on climate  
financing and insurance for  
risk reduction and  
community resilience

Foundation of climate  
insurance solution for  
subnational level with  
specific crops and initiate for  
state specific pilots

Creation of special  
fund for Indian  
Himalayan Region on  
climate change  
mitigation and  
adaptation and  
development of  
mechanism to aid  
climate response.

सुदृढ़ हिमालय सुरक्षित भारत  
जलवायु परिवर्तन  
हिमाचल प्रदेश सम्मेलन-2021

Secure Himalaya – Safe India  
Himachal Pradesh Climate Change Conclave 2021



# Contributors

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11. Dr. S.S. Negi, IFS, Vice-Chairman, Uttarakhand RD & Migration Commission, former Director General Forest, Spl. Secretary, MoEFCC, Gol
12. Dr. Jonathan Demenge, Head Swiss Development Cooperation, Delhi

## SPEAKERS/EXPERTS-TECHNICAL SESSION

### TS 1: Climate hazard, Risk and Vulnerability in North Western Himalayas

1. Dr. Akhilesh Gupta, Senior Advisor, DST, Gol
2. Dr. Anil Kumar Gupta, Prof. & Head of NDMA, New Delhi
3. Dr. Ashish Chaturvedi, Director, GIZ
4. Prof. A.K. Gosain, Emeritus Prof. IIT Delhi
5. Dr. Kamna Sachdeva, Associate Professor, TERI
6. Prof. Rajesh Kumar, Head of Environment Science Department, Central University of Rajasthan

### TS 2: Glacial Lake Outburst Floods in Himalayas (GLOF)

7. Dr. Anil Kulkarni, Divecha Centre for Climate Change, IISc. Bangalore
8. Dr. Saibal Ghosh, Director, GHRM Centre, Geological Survey of India

9. Dr. S. S. Randhawa, Principal Scientist, HIMCOSTE, Shimla
10. Dr. D. G. Shrestha, Director, Science & Technology Department, Govt. of Sikkim
11. Dr. Parmanand Sharma, NCPOR, Goa
12. Dr. Vikram Gupta, Scientist (F) Wadia Research Institute, IHR, Dehradun

### TS 3: Approaches for Mainstreaming CCA and DRR at Sub-national level

13. Ms. Vidya Soundarajan, Director, WWF
14. Dr. Shiraz Wajih, President, Gorakhpur Environmental Action Group
15. Dr. Hari Kumar, Regional Coordinator, Geo Hazards International
16. Sh. Harjeet Singh, Senior Advisor, Climate Action Group
17. Dr. Sher Singh Samant, Director, HFRI, Shimla, H.P.
18. Sh. Sanjay Kumar, Founder & CEO Geospatial World, New Delhi

### TS 4: Risk Preparedness and Community Response

19. Dr. Anand Sharma, Former DDG, IMD
20. Dr. Irrfan Rashid, Coordinator, Geo informatics Department, Kashmir University
21. Gp. Captain Dr. Sanjay Srivastava, Ex-Head & Joint Director, Indian Air Force
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23. Sh. Himmata Ram Bhambhu, Padma Shri
24. Dr. Majid Farooq, State Coordinator (CC), Department of Environment & Remote Sensing, J&K
25. Sh. Shwetal Shah, Technical Advisor, Climate Change Department Gujarat
26. Dr. Sonam Lotus, Director, IMD Ladakh

### TS 5: Financial Instruments for Climate and Disaster Risks

27. Sh. Manoj Kumar, Advisor, GIZ
28. Ms. Girija Biyani, Client Manager (Asia) Swissre



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## ORGANISING TEAM

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## DOCUMENTS RELEASED:

1. State Action Plan on Climate Change (2021-2030)
2. CAFRI project Factsheet
3. Report/guidelines on Knowledge Network on Climate Change & Disaster Risk Reduction
4. CAFRI Project Activity Brochure
5. CAFRI project activity Poster
6. SAPCC-SDG linkages poster
7. Foundation Stone Laid for Digital Climate Change Reference Centre to be set up in DEST



# सुदृढ़ हिमालय सुरक्षित भारत

# हिमाचल प्रदेश जलवायु परिवर्तन सम्मेलन-2021



#मंथनहिमालय

#Act4Himalayas



Hon'ble Chief Minister, Himachal Pradesh Sh. Jai Ram Thakur

Glaciers are an integral part of Himachal Pradesh's ecosystem and are under threat. We should be prepared to protect them or else we will be putting our present and future generations under great risk.

#मंथनहिमालय  
#Act4Himalayas



Mr. Walter J. Lindner  
German Ambassador to India

Climate change manifests in different ways and support from developed countries is required for developing countries. Germany & India have a long standing cooperation, including in Himachal Pradesh on topics such as climate change, hydropower and agriculture, among others.



Mr. Sonam Wangchuk,  
President, Students' Educational and Cultural Movement of Ladakh (SECMOL)

We have to come up with original, fundamental solutions for mountainous regions since the challenges and lives are different from those living in New Delhi or New York.



**Act before its too late..**

**Going  
Going  
Gone !**

**Climate  
Change  
&  
Glaciers  
Decline**

**Now Act For Himalayas**

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