

SPRINGSHED MANAGEMENT FOR SUSTAINABLE AQUATIC RESOURCES

This virtual session aims to share experiences, reflect on approaches, and stimulate constructive discussion on the relevance of springshed management/watershed management in the context of protecting and sustainably managing aquatic resources. While dealing with critical issues in aquatic resources protection and management, it is imperative to draw our attention towards water availability in rivers, springs, and other water bodies, especially during the lean period. A well-managed catchment is crucial to ensure water availability and quality throughout the year.



Monday
22 January 2024



Time
4:00-5:30 pm IST

SPEAKERS

DR SANDEEP TAMBE, IFS

Chief Wildlife Warden
Government of Sikkim

DR VAIBHAV GOSAVI

Scientist, Centre for Land and Water
Resources Management (CLWRM)
G. B. Pant National Institute of
Himalayan Environment (GBPNIHE),
MoEFF&CC, Govt. of India

MR GHANASHYAM KHAREL

Consultant, Water Resource
Management for Sikkim
SCA-Himalayas project
Swiss Agency for Development and
Cooperation (SDC)

MODERATOR

DR INDRANI PHUKAN

Advisor, Climate Change
NERAQ, GIZ

The Knowledge Exchange Series on Aquatic Resources Management is initiated by the Indo-German Project 'Protection and Sustainable Management of Aquatic Resources in the North-Eastern Himalayan Region of India' (NERAQ).

The series is hosted on www.atingi.org and requires a quick one-time registration.

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ABOUT THE SESSION

The decrease in water availability during lean periods is a major concern for communities in managing their aquatic resources and other riparian ecosystems important for agriculture activities. This has not only affected the biodiversity of the water bodies but has also adversely impacted the livelihoods of communities dependent on the aquatic ecosystems and their services. The need for the development of the surrounding catchments has been raised by NERAQ Project's implementation partners at various levels.

Springshed management is a tried and tested means to ensure water availability during lean periods which is crucial for not only aquatic resources conservation and protection, but also securing livelihoods in a changing climate scenario. This knowledge exchange session will focus on various approaches, available synergies, and capacity-building requirements for effective replication and upscaling of springshed management interventions.

OUTLINE

15 mins	Dr Indrani Phukan	Welcome & Introduction to the topic and speakers
15 mins	Dr Sandeep Tambe	Experiences of Springshed Management in Sikkim
5 mins	Dr Indrani Phukan	Q & A and remarks
15 mins	Dr Vaibhav Gosavi	Experiences from Gram Jal Abhyaranya (Water Sanctuary) program of MoEFCC
5 mins	Dr Indrani Phukan	Q & A and remarks
15 mins	Mr Ghanashyam Kharel	Stories from on-ground implementation of Springshed management activities
5 mins	Dr Indrani Phukan	Q & A and remarks
10 mins	GIZ	Feedback and closing remarks

PROFILES

Dr Sandeep Tambe, IFS| Speaker

Chief Wildlife Warden, Government of Sikkim

Dr Sandeep Tambe is a member of the Indian Forest Service and has diverse work experience having worked in government, NGO and academic institutions. He served 16 years in Sikkim state in the forest and rural development sectors. In Sikkim, he has contributed to securing wildlife areas in the Khangchendzonga landscape, effective implementation of poverty alleviation programmes and in the revival of Himalayan springs using scientific and people centric approaches. He has also contributed towards policy formulation for lake conservation, eco-development, mountain guardian's policy, trekking regulations, pro-poor targeting, strengthening decentralized governance, effective social audits, convergence partnerships and post-earthquake reconstruction. He has also served in the Indian Institute of Forest Management as a Professor. His research interests lie in the interface of conservation and livelihoods, how to make production of science impactful, rural livelihood approaches and forest restoration.

He graduated from the Indian Institute of Technology (IIT) Mumbai, is a postgraduate in forestry from the Forest Research Institute (FRI) and is a Ph.D. from the Wildlife Institute of India (WII). He was selected as the top 25 persons of the year by the Forbes India magazine in 2010. He was conferred the T.N. Khoshoo Memorial Award in 2012 and the State Award for Meritorious Service in 2014. The livelihood programmes managed by him won the Prime Minister's Award for Excellence from Ministry of Rural Development in 2015. In 2017, the IIFM student council selected him for the Best Teacher Award. He has published 23 journal papers, 6 books and 9 book chapters.



Dr Vaibhav Eknath Gosavi | Speaker

Scientist, Centre for Land and Water Resources Management (CLWRM), G. B. Pant National Institute of Himalayan Environment (GBPNIHE), MoEFF&CC, Govt. of India, Almora, Uttarakhand

Dr Vaibhav Eknath Gosavi works as Scientist in Centre for Land and Water Resources Management (CLWRM), G. B. Pant National Institute of Himalayan Environment (GBPNIHE), MoEFF&CC, Govt. of India at Almora, Uttarakhand. He also served Himachal Regional Centre of the Institute in Kullu, Himachal Pradesh for 6 years. His research interest is Watershed Management, Soil and Water Conservation, Springshed Management, Hydrology, Water Resources Development & Management. For the past 11 years, he has extensively worked in Indian Himalayan Region (IHR) and has field sites across all Himalayan states and UTs. He has handled total 8 Research and Development (R&D) projects in varying capacity of Co-Principle Investigator and Principle Investigator and is handling 4 R&D projects at present across IHR. He has contributed in many synthesis reports and policy briefs from the Institute and published 15 research articles in National and International journals 7 book chapters and over 10 technical manuals.

He graduated from the Mahatma Phule Krishi Vidyapeeth (MPKV), Rahuri, Maharashtra in B. Tech. - Agricultural Engineering in 2006. He pursued his post-graduation - M. Tech. in Soil and Water Conservation Engineering (SWCE) in 2008 from Tamil Nadu Agriculture University (TNAU), Coimbatore, Tamil Nadu. He is University Gold Medallist in M. Tech. He is a recipient of DAAD fellowship by German Academic Exchange Service at UFZ, Leipzig, Germany in 2011 and OKP fellowship (Orange Knowledge Fellowship) in 2018 for International training course on "Multilevel Water Governance" at The Hague Academy for Local Governance, The Hague, The Netherlands.



Mr Ghanashyam Kharel | Speaker

Consultant, Water Resource Management for Sikkim SCA-Himalayas project, Swiss Agency for Development and Cooperation (SDC)

Working as Consultant, Water Resource Management for Sikkim under Strengthening Climate Change Adaptation in Himalayas (SCA-Himalayas) project of Swiss Agency for Development and Cooperation, Ghanashyam Kharel has vast experience in ground implementation of springshed activities. He has worked with different organisations in various capacities in the state of Sikkim for over fourteen years. He has also worked as the state coordinator for Sikkim under Climate Change Adaptation North Eastern Region (CCA-NER) of GIZ and was involved in Springshed management in Sikkim for the project. He has also worked in the Dhara Vikas team with the Rural Development Department, Government of Sikkim. Dhara Vikas is an initiative of Government of Sikkim for reviving drying of springs in Sikkim which has been widely acclaimed in the entire Himalayan region.



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