

TENTATIVE PROGRAMME SCHEDULE

National Symposium cum Workshop on Springshed Management

Date and Venue: 18-19 November, 2022 at NERIWALM, Tezpur

Organised by : North Eastern Regional Institute of Water and Land Management in collaboration with
National Institute of Hydrology and Central Ground Water Board

18.11.2022 (Friday)		
9.30 AM -10.30 AM	Registration	
10.30 AM – 11.45 AM	Inaugural Session	
11.55 AM – 12.10 PM	High Tea	
PLENARY SESSION: Lifeline for Hill People		
<p>Chairperson: <i>Ms. Archana Verma, IAS, Additional Secretary & Mission Director, National Water Mission</i></p> <p>Co-Chairperson: <i>Shri Ajeet Kumar Sahu, IAS, Commissioner/Secretary, (GAD/ PWD/Estate/ Hospitality and Protocol) Civil Secretariat, Leh, Ladakh</i></p> <p>Rapporteur: <i>Dr. Chandam Victoria Devi, Assistant Professor, S.Sc., NERIWALM</i></p>		
12.10 PM – 1.30 PM	<p>Panelist/Speaker:</p> <ul style="list-style-type: none"> — Dr. Alok Sikka, IWMI Representative, India & Principal Researcher, IWMI, New Delhi — Shri Reading Shimray, CWES, Chief Engineer, Barak and Other Basin Organisation, Central Water Commission, Shillong — Dr. Sudhir Kumar, Director, National Institute of Hydrology, Roorkee — Shri Nidhish Verma, Regional Director & HOD, Rajiv Gandhi National Groundwater Training and Research Institute, Chattisgarh — Dr. Brijesh Kumar, Professor & Head, Department of Hydrology, IIT Roorkee — Dr. Mahendra S. Lodhi, Scientist-E & Head, North East Regional Centre, G.B. Pant NIHE, Arunachal Pradesh — Ms. Divya Sharma, Deputy Head of Cooperation, Swiss Development Cooperation of India — Dr. R. Ravi Babu, General Manager, FSDD, NABARD, Mumbai — Dr. Pradip Kumar Bora, Director, NERIWALM, Tezpur (Moderator) <p>N.B.: Keynote Speaker - Chairperson Concluding Remarks - Co-Chairperson</p>	
1.30 PM – 2.30 PM	Lunch	
TECHNICAL SESSIONS		
<p>Technical Session I: Springshed management for North East India and Indian Himalayan Region</p> <p>Chairperson: <i>Dr. Alok Kumar Sikka, IWMI Representative, India & Principal Researcher</i></p> <p>Co-Chairperson: <i>Dr. Amlanjyoti Kar, Former Regional Director, CGWB</i></p> <p>Rapporteur: <i>Dr. Luna Moni Das, Assistant Professor, S.Sc., NERIWALM</i></p>		
2.30 PM – 3.30 PM	Hydrology and geological aspects of springs in the North-Eastern States	Dr. Amlanjyoti Kar Former Regional Director, CGWB, Kolkata
3.30 PM – 3.40 PM	Tea	

3.40 PM – 4.40 PM	Springshed Management & Development in Indian Himalayan Region	Dr. K. K. Satapathy Former Director, ICAR-NINFET, Kolkata
4.40 PM – 4.50 PM	Unravelling effects of Jhum Cultivation on Springshed Soil-water Quality in Mizoram	Dr. Brijesh Kumar, Professor & Head Department of Hydrology, IIT Roorkee
4.50 PM – 5.00 PM	Integrated Water Security Planning and Springshed Management Using High-Frequency Hydro-Meteorological Observations and Stable Isotopes – Pilot Application in the Lesser Indian Himalayas	Dr. Sumit Sen, Professor Department of Hydrology, IIT, Roorkee
5.00 PM – 5.10 PM	Integrated Approaches to Springshed Development and Management in the Indian Himalayan Region: Preliminary findings from the field	Ms. Ridhima Sud, Team Leader, Strengthening CCA in Himalayas, SCA Himalayas- SDGI, New Delhi
5.10 PM - 5.20 PM	A Case Study on Effect of Interventions on Spring Rejuvenation in Lathao Village of Namsai District, Arunachal Pradesh	Dr. Prasanta Hazarika, Assistant Chief Technical Officer, ACTO, Rain Forest Research Institute, Jorhat
5.20 PM – 6.00 PM	Discussion	
6.00 PM – 7.30 PM	Cultural Programme	
19.11.2022 (Saturday)		
<i>Continuation of Technical Session I</i>		
10.00 AM – 10.10 AM	Stream Morphology and Water Quality of Bhogdoi River Basin Under Jorhat District of Assam	Dr. Bipul Deka, Principal Scientist, AICRP on Irrigation Water Management, Assam Agricultural University, Jorhat, Assam
10.10 AM – 10.20 AM	Chite Lui Springshed Management: Issues and Approaches	Dr. Uzzal Mani Hazarika, Associate Professor, WRE, NERIWALM, Tezpur
10.20 AM -10.30AM	Understanding springs and its management: A study in context to Nagaland, India	Dr. Liza Kiba, Guest Faculty, SSARD, NU, Nagaland
<i>Technical Session II: Hydrology and geological aspects of springs and impact of climate change in springshed</i>		
<i>Chairperson: Dr. Brijesh Kumar, Professor & Head, Department of Hydrology, IIT Roorkee</i>		
<i>Co-Chairperson: Dr. S.V. Vijaya Kumar, Sc 'G', Head, NIH-NREC, Guwahati</i>		
<i>Rapporteur: Dr. Sanayanbi Hodam, Assistant Professor, WRE, NERIWALM</i>		
10.30 PM – 10.40 AM	Springshed Management: Need for the Development of Scientific Approach and Protocols at Regional Scale	Dr. S. S. Rawat, NIH, Roorkee
10.40 AM – 10.50 AM	Application of Space Technology for springshed Management Plan and Ground water recharge	Dr. Ranjit Das, Scientists/Engineer 'SF', NESAC, Meghalaya
10.50 AM – 11.00 AM	Climate Change Impact on the Discharging Behaviour of Springs and their Rejuvenation Measures	Dr. A.K. Vashist, Professor, CAEPHT, Sikkim
11.00 AM – 11.10 AM	Rainfall, Spring Typology,	Ms. Ipsita Roy, Researcher,

	Discharge, and Water Quality Interactions– A Case Study from Himachal Pradesh	People's Science Institute, Dehradun
11.10 AM-11.20 AM	Delineation of spring potential zone and recharge area using Field-based and Geospatial Approach: A case study of Papum Pare district, Arunachal Pradesh	Mr. Prem Ranjan Mehta, Research Scholar, NERIST, Arunachal Pradesh
11.20 AM – 11.40 AM	Discussion	
11.40 AM – 12.00	Tea	
<i>Technical Session III: Capacity Building, policy initiatives and road maps for spring rejuvenation</i>		
<i>Chairperson - Dr. K. K. Satapathy, Former Director, ICAR-NINFET, Kolkata</i>		
<i>Co-Chairperson: Shri S.C. Kapil, Regional Director, CGWB-NER, Guwahati</i>		
<i>Rapporteur: Dr. Swapnali Barman, Scientist 'C', NIH, Guwahati</i>		
12.00 – 12.10 PM	Multi-stakeholder initiative to provide drinking water security through springshed management in 100 villages of Nagaland	Mr. M. Imran Siddique, ACWADAM, Pune
12.10 PM – 12.20 PM	Geospatial approach on Springshed Rejuvenation strategies: A case study of the North East States in India	Shri Apurba Dutta, Chief Executive Officer, GIS Vision India, Guwahati
12.20 PM - 12.30 PM	A review on rejuvenation of water bodies for enhanced water scarcity over Nagaland	Dr. Chitrasen Lairenjam, Head, Department of Agricultural Engineering and Technology, Nagaland
12:30 PM- 12:40 PM	Role of community participation in spring rejuvenation and springshed management in north eastern state of India	Dr. Luna Moni Das, Assistant Professor, S.Sc., NERIWALM, Tezpur
12.40 PM – 2:00 PM	Brain Storming Session with State Officials	All partners
2:00 PM – 3:00 PM	Lunch	
3.00 PM – 3.30 PM	Valedictory	
3.30 PM – 4:00 PM	Tea	