

REGIONAL WORKSHOP

Assessing Drought Risks using Earth Observation Data

&

Launch of South Asia Drought Monitoring System (SADMS)

Venue: SAARC DMC, Gujarat, India

31 August – 2 September 2022

TENTATIVE AGENDA

Day 1: Wednesday, 31 August 2022

Time	Program	Lead
09:30 – 09:45	Registration	SDMC (IU)
09:45 – 10:30	<p>Inauguration & Launch of SADMS Portal</p> <ul style="list-style-type: none"> - Workshop Context, Purpose and Goals - Remarks by Director General, IWMI - Remarks by Head, Beijing Office, UN-SPIDER Programme - Address by Additional Director General, ICAR - Address by Director, SAARC DMC <p>Launch of SADMS Portal</p> <p>Group Photo</p>	<ul style="list-style-type: none"> - Giriraj Amarnath - Mark Smith - Shirish Ravan - S. Bhaskar - P K Taneja
10:30 – 11:00	<i>Tea/ Coffee</i>	
11:00 – 12:00	<p>Session I: SADMS Platform</p> <p><i>Chair(s): Md. ZA Chowdhury, Ministry of Disaster Management & Relief, Bangladesh & Bibhuti Pokhrel, DHM, Nepal</i></p> <p><i>Moderator: Nishtha Paliwal, IWMI</i></p> <p>SADMS framework, Implementation and Operational capabilities across South Asia</p>	Giriraj Amarnath, IWMI, RGL-WRDR, Sri Lanka
12:00 – 12:30	<p>Session II: Earth Observation data for Drought Monitoring</p> <p><i>Chair(s): A.B. Abeysekara, DOA, SL; Md. Shahud, Maldives Meteorological Services</i></p> <p><i>Moderator: Brijender Kumar Mishra, NDMA, India</i></p> <p>Regional experience: UN-SPIDER services for strengthening capacity of the member states to</p>	Shirish Ravan

Time	Program	Lead
	<p>utilize earth observation data monitoring and responding to drought and other disasters.</p> <p>Drought proofing tool</p> <p>Short presentation (10mins):</p> <ol style="list-style-type: none"> 1. Bangladesh: Md Zahural Alam Chowdhury 2. India: Mr. Anup Srivastava, NDMA 3. Maldives: Md. Shahud 4. Nepal: Bibhuti Pokhrel 5. Pakistan: 6. Sri Lanka: <p>Discussion: Q & A Session</p>	Alok Sikka, IWMI India Representative
13:30 – 14:30	<i>Lunch Break</i>	
14:30 – 15:30	<p>Session III: Drought Management efforts in South Asia</p> <p><i>Chair(s): V K Singh, CRIDA; A M R K Ratnayake, DMC-SL;</i></p> <p><i>Moderator: Aishath Nafua, MoEnvmv, Maldives</i></p> <p>Short presentation (10mins):</p> <ol style="list-style-type: none"> 1. Bangladesh: 2. India: K.V.Rao, CRIDA/ICAR 3. Maldives: Sama Adnan, MoEnvmv 4. Nepal: Surendra Kumar Bajracharya 5. Pakistan: 6. Sri Lanka: A B Abeysekera <p>Discussion: Q & A Session</p>	
15:30 – 16.00	<i>Tea/ Coffee</i>	
16:00 – 17:00	<p>Session IV: Group Discussion (SADMS Products, Capacity building needs and internationalization)</p> <p><i>Chair: Anup Kumar Srivastava / A.T.M Siddiquir Rahman</i></p> <p><i>Moderator:</i></p> <p>(Each group presentation is 10 minutes + 5 minutes of discussion)</p>	
17:00 – 17:15	Closing session	

17:45 – 20:00 Get-to-gather

Dinner: 20:00 onwards

Day 2: Thursday, 1 September 2022

Time	Program	Lead
09.15 – 09:30	Review of the First Day Workshop Training Objective and Scope	SAARC DMC and Giriraj Amarnath, IWMI
09:30 – 10:00	Drought Monitoring in India	Pulak Guhathakurta, IMD
10.00 – 11:00	SADMS Concept and Solution Architecture	Giriraj Amarnath Surajit Ghosh, IWMI
<i>11.00-11.30</i>	<i>Tea/ Coffee</i>	
11:30 – 12:00	Experience sharing on the MENA Drought	Rachael McDonnel, Deputy Director General, IWMI
12:00 – 13:30	SADMS Modules Seasonal and Weather Forecast (Country analysis) Drought Monitoring tools	Surajit Ghosh, IWMI Niranga Alahacoon, IWMI
<i>13:30 – 14:30</i>	<i>Lunch Break</i>	
14:30 – 16:00	Drought Prediction using VIC model and automation procedures	Suman Padhee, IWMI
<i>16.00 – 16.15</i>	<i>Tea/ Coffee</i>	

16:15 – 19:00 Visit to Dandi Kutir, Gandhinagar

Dinner: 19:30 onwards

Day 3: Friday, 2 September 2022

Time	Program	Lead
09.15 – 09.30	Recap of Day-II	SAARC DMC Giriraj Amarnath, IWMI
9.30 – 10.00	Earth Observation data for drought Monitoring in India	Karun Kumar - NRSC
10.00 – 11.00	Country presentation from participants - Country case study for major drought event (10 min each)	Participants
<i>11.00 - 11.30</i>	<i>Tea/ Coffee</i>	
11.30 – 12.15	Application of Drought APIs for integration in national drought platform	Giriraj Amarnath, IWMI Surajit Ghosh, IWMI
12.15 – 13:00	Drought Decision Support tool	Surajit Ghosh, IWMI Giriraj Amarnath, IWMI
<i>13:00 – 14:00</i>	<i>Lunch Break</i>	
14.00 – 14.30	Drought Decision Support tool	Suman Padhee, IWMI
14.30 – 15:15	Drought Contingency Plans	K.V. Rao, CRIDA /ICAR Giriraj Amarnath, IWMI
15:15 – 15.45	SADMS – User guide, APIs, Online bulletin	Surajit Ghosh, IWMI
15.45 – 16.00	Closing remarks	Director – SDMC (IU)
<i>16.00 – 16.15</i>	<i>Tea/ Coffee</i>	

16:15 – 19:30 Visit to Ahmedabad

Dinner: 19:30 onwards