

Summer School on Managing Shared River Basins

Connecting Science & Policy for Integrated Water Resources Management

2nd – 6th July, 2018

COMSTECH Secretariat, Islamabad

AGENDA

TIME	SESSION		PRESENTER
Day 01: July 2nd 2018			
0900 - 0915	Program Overview		<i>LEAD Pakistan</i>
0915 - 0945	Introduction of Participants		
0945 - 1000	Welcome Remarks		Ali T Sheikh, <i>LEAD Pakistan</i>
1000 – 1015	Introduction to COMSTECH		Dr. Shaukat Hameed, <i>COMSTECH</i>
1015 – 1030	Tea Break		
1030 - 1300	Opening Plenary	Session Chair	Climate Change Threat for Pakistan Dr. Ghulam Rasul, <i>Pakistan Met Department</i>
		Panelists	Managing Shared River Basins: Supply and Demand Challenges Dr. Pervaiz Amir, <i>Agricultural Economist</i>
			Connecting Science & Policy for Improved Water Resource Management Ahmad Kamal, <i>Chairman Federal Flood Commission</i>
			Indus Water Treaty: Challenges for future Dr. Shaheen Akhtar, <i>National Defense University</i>
Q&A			
1300 - 1400	Lunch Break		
1400 – 1445	Introduction to Regional Climatology		Dr. Jahangir Ashraf Awan, <i>Pakistan Met Department</i>

1445 - 1530	Overview of Pakistan's Hydrology	Mr. Sohail Babar Cheema, <i>Pakistan Met Department</i>
1530 - 1615	Glacier Inventory of Pakistan	Mr. Adnan Shafiq Rana, <i>Pakistan Met Department</i>
1615 - 1700	Climate Change: A Regional Perspective	Dr. Furrukh Bashir, <i>Pakistan Met Department</i>
1700	Day Closing and Refreshments	
Day 02: July 3rd 2018		
0900 - 0930	Recap from Previous Day	Participants
0930 - 1030	Introduction to Integrated Water Resources Management (IWRM)	Dr. Hassan Abbas, <i>ZIZAK</i>
1030 - 1045	Tea Break	
1045 - 1130	Data Challenges in Transboundary River Basins	Dr. Asif Khan, <i>WIT-LUMS</i>
1130 - 1230	Group Work	
1230 - 1300	Exploring Earth Observational Datasets: In-Situ Observations, Coding, Decoding, GTS	Mr. Fayyaz Watto, <i>Pakistan Met Department</i>
1300 - 1400	Lunch Break	
1400 - 1445	Gridded Observations, Reanalysis, Merged Products	Mr. Ahsan / Dr. Furrukh Bashir, <i>Pakistan Met Department</i>
1445 - 1530	Observation through Remote Sensing	Dr. Athar Haroon, <i>Pakistan Met Department</i>
1530 - 1700	Training on Visualization and Analysis of Spatial Data	Mr. Burhan/ Mr. Ahsan/ Mr. Qamar/ Ms. Farah Ikram/ Mr. Jahangir (Internee), <i>Pakistan Met Department</i>
1700	Day Closing and Refreshments	
Day 03: July 4th 2018		
0900 - 0930	Recap from Previous Day	Participants
0930 - 1030	Legal Frameworks for Transboundary River Basins	Rafay Alam, <i>Environmental Lawyer</i>
1030 - 1100	Tea Break	
1100 - 1200	Group Work	
1200 - 1300	Introduction to Climate Modeling	Dr. Jahangir Ashraf Awan, <i>Pakistan Met Department</i>
1300 - 1400	Lunch Break	

1400 - 1430	Methods of Downscaling Climate Models	Mr. Burhan/ Mr. Ahsan, <i>Pakistan Met Department</i>
1430 - 1700	Hands on Applications	Mr. Burhan/ Mr. Ahsan/ Mr. Qamar/ Ms. Farah Ikram/ Mr. Jahangir (Internee), <i>Pakistan Met Department</i>
1700	Day Closing and Refreshments	
Day 04: July 5th 2018		
0900 - 0930	Recap from Previous Day	Participants
0930 - 1030	International Case Study Kabul/Indus (TBC)	
1030 - 1100	Tea Break	
1100 - 1200	Group Work	
1200 - 1300	Overview of Watershed & Hydrology	Mr. Adnan Shafiq/ Ms. Zeenat Yasmin, <i>Pakistan Met Department</i>
1300 - 1400	Lunch Break	
1400 - 1700	Deploying GIS Tools in Hydrology	Mr. Adnan Shafiq/ Ms. Zeenat Yasmin/ Mr. Sohail Babaer Cheema, <i>Pakistan Met Department</i>
1700	Day Closing and Refreshments	
Day 05: July 6th 2018		
0900 - 0930	Recap from Previous Day	Participants
0930 - 1230	Unpacking Hydrological Models	Mr. Adnan Shafiq/ Ms. Zeenat Yasmin/ Mr. Sohail Babaer Cheema, <i>Pakistan Met Department</i>
1230 - 1430	Prayer & Lunch Break	
1430 - 1500	Closing Remarks	Dr. S Khurshid Hasanain (S.I), <i>Adviser, COMSTECH</i> Dr. Ghulam Rasul, <i>DG Pakistan Met Department</i>
1500 - 1515	Distribution of Certificates	
1515 - 1530	Vote of Thanks	Ali T Sheikh, <i>LEAD Pakistan</i>
1530	Group Photograph & Refreshments	
