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SAHF ANNUAL ASSESSMENT

OF NATIONAL HYDROLOGICAL AND METEOROLOGICAL
SERVICES (NMHS) FOR PAKISTAN

2024

CONCEPT NOTE AND AGENDA

SAHF ANNUAL ASSESSMENT OF NATIONAL HYDROLOGICAL AND METEOROLOGICAL SERVICES (NMHS) FOR PAKISTAN

Date: 29 November 2024

Venue: Ramada by Wyndham Hotel, Islamabad, Pakistan

Background

In line with its ongoing commitment to enhance hydrometeorological services across South Asia, the South Asia Hydromet Forum (SAHF) through an annual assessment, will evaluate the capabilities, achievements, and operational gaps within the Pakistan Meteorological Department (PMD). This assessment aims to understand the current status of PMD's weather and climate services, ongoing programs, and existing gaps and challenges.

The evaluation will track progress of efforts, in Pakistan, to build capacity across various pillars of the hydromet service value chain through ongoing programs by government and various development organizations (international, regional, and local). This will also help assess the residual gaps and identify key areas where additional resources and investment are required. The process will offer a comprehensive understanding of PMD's strengths and weaknesses, making it possible to address gaps effectively and identify priorities for capacity-building initiatives. The findings from the assessment will be shared with key government authorities, development partners, and donor institutions, ensuring that resources are allocated strategically to improve hydromet services. The assessment will seek to streamline investments and support Pakistan's broader climate resilience goals by enhancing PMD's operational and technical capabilities in the face of increasing climate risks and extreme weather events.

Objectives

1. Assess PMD's existing capacities, resources, and challenges in providing comprehensive hydromet services
2. Assess ongoing programs and the specific gaps which will be addressed through these programs
3. Assess the immediate needs of optimal and critical observing systems for efficient monitoring and detection of changing weather characteristics across all service sectors
4. Assess needs of expanding NWP efforts to operate all targeted extreme weather linked to IBF and DSS tools
5. Identify specific gaps in capacity, infrastructure, and technical capabilities that require attention
6. Offer recommendations to support strategic planning and targeted investment in areas of critical need.

Proposed Agenda

Time	Session	Details
09:30 - 09:45	Opening Session	Welcome note Introduction of participants
09:45 - 10:15	Introduction to the NMHS Assessment	Presentation on the purpose of the assessment, methodology, and key areas of focus
10:15 - 10:45	Overview of PMD's Current Capacity and Achievements	Presentation by PMD on recent improvements, current capacities, and ongoing capacity-building efforts
10:45 - 11:00	Tea/Coffee Break	
11:00 - 11:30	Questionnaire Briefing Session	Explanation of the questionnaire's purpose, structure, and instructions for completion
11:30 - 12:30	Questionnaire Administration	Distribution of questionnaires and support for respondents; Q&A session to address clarifications
12:30 - 13:30	Lunch Break	
13:30 - 14:30	Questionnaire Administration	Completion of questionnaires/assessment template
14:30 - 15:30	Strategic Priorities Setting and Identification of	Strategic Priorities Identification Identification of capacity gaps and challenges Prioritization of key investment needs
15:30 - 16:00	Strategies for Capacity Building	Targeted/recommended process for capacity building and modalities for pursuing the process
16:00 - 16:15	Next Steps and Closing Remarks	Summary of key insights and outline of next steps