CARE | SOUTH ASIA

Regional Resilience Data and Analytics Service (RDAS) Training cum Community of Practice Workshop

Tuesday, 26 November 2024, 9AM-12.20 PM (Pakistan time)

Virtual/online Paticipation

Scan this QR, or click here to register for the workshop

El Nino and Local Climate Analytics

Land Use and Land Cover Change Analytics

Cropping Calendar Suitablity to Observed Climate Analytics

Implemented by

RIMES – Regional Integrated Multi-Hazard Early Warning System

Supported by

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About CARE Component 1

The Climate Adaptation and Resilience (CARE) for South Asia Project is a 5-year initiative, from 2020 to 2025, that aims to contribute to an enabling environment for climate-resilient policies and investments in the region. CARE for South Asia is being co-implemented by the Regional Integrated Multi-Hazard Early Warning System (RIMES) and the Asian Disaster Preparedness Center (ADPC) with support from the World Bank.

CARE Component 1, focused on promoting evidence-based climate-smart decision-making, is implemented by the Regional Integrated Multi-Hazard Early Warning System (RIMES). Component 1 involves the development of digital tools for climate-informing plans and decisions, including the regional Resilience Data and Analytics Services (RDAS) for South Asia region, and decision-support systems (DSSs) for selected sectors of agriculture, disaster management, livestock, planning, transport, and water in Bangladesh, Nepal, and Pakistan. Component 1 also includes capacity development of sectoral stakeholders to use these systems and their products, and supports the implementation of the South Asia Hydromet Forum (SAHF), for a holistic approach at user-centric generation and application of climate information in plans and decisions. The SAHF is a convergence of National Meteorological and Hydrological Services (NMHSs) for sharing of knowledge, building capacity, and aligning national-level technical assistance with regional engagement.

Rationale and Objectives of RDAS Training cum Community of Practice (CoP) Workshop

The Regional Resilience Data and Analytics Service (RDAS) Platform has been initiated by CARE Component 1, aiming to promote evidence-based climate-smart decision-making in the South Asia region. This experimentally operational system includes features for accessing/using climate and sectoral datasets and analytics, and predictive tools that are in the full development phase. As of date, El Nino and Local Climate Analytics, Land Use and Land Cover Change Analytics, and Cropping Calendar Suitability to Observed Climate Analytics are available in RDAS, which can be accessed via https://rdas.rimes.int/.

[1] DSSs are sector-specific systems, linked to the RDAS, and for assisting users in sectoral planning and decision-making.
[2] SAHF is a convergence of NMHSs in South Asia for sharing knowledge, building capacity, and aligning national level technical assistance with regional engagement.

Part of the series of RDAS trainings, conducted by RDAS experts and developers, this RDAS training will be focusing on the utilization of RDAS analytics modules (i.e. El Nino Analytics, Land Use and Land Cover Change Analytics, and Cropping Calendar Suitability to Observed Climate Analytics.

This CoP, now the 4th in the series, aims to bring together all potential RDAS users, including Sectoral Focal Points (SFPs) and representatives from relevant stakeholder ministries/departments in the agriculture, water resources, transport, planning and finance, disaster risk management and hydromet, in the SAR, international/regional and national development organizations, researchers, universities and others relevant, fostering innovation and cross-sector partnership in the region.

The primary objectives of the RDAS training cum CoP workshop are:

- Provide an updates on the completing modules of RDAS, for testing
- Capacitate RDAS users to access and test/utilize the various modules and data/information products of RDAS;
- Gather experiences and insights and foster partnerships and strengthen communications amongst RDAS stakeholders;
- Obtain feedback and recommendations for onward refinement of RDAS modules.

Expected Outcomes of the RDAS Training cum CoP Workshop

Upon completion of the RDAS Training cum CoP workshop, the following are anticipated:

- Enhanced participants' awareness of, and competency in, using RDAS functionalities, products and their application;
- Documentation and collation of feedback/recommendations on further system enhancements shared by stakeholders, for guiding onward work.

Agenda (tentative)

Regional Resilience Data and Analytics Service (RDAS) Training cum CoP
Islamabad, Pakistan|26 November 2024 | 09:00 AM – 12:20 PM (Pakistan Time, GMT+5)

09:00 AM – 09:15 AM	**Introduction of Participants**
09:15 AM – 09:30 AM	**Overview of the Training cum CoP and Recap of System Development Progress and User Engagement** *Ms. Ruby Rose Policarpio, Project Director, CARE Component 1*
09:30 AM – 12:00 PM	**Walkthrough of RDAS Analytics Tools (with hands-on sessions, depending on internet connectivity of participants)** • ***El Nino and Local Climate Analytics*** *Mr. Peter Lazo, System Development Specialist* ◦ *Guided hands-on session by participants* ◦ *Discussion and Recommendation* • ***Cropping Calendar Suitability to Observed Climate Analytics*** *Mr. Peter Lazo, System Development Specialist* ◦ *Guided hands-on session by participants* ◦ *Discussion and Recommendation* • ***Land Use and Land Cover Change Analytics*** *By Mr. Suman Sanjel, RDAS Data Visualization Expert* ◦ *Guided hands-on session by participants* ◦ *Discussion and Recommendation*
12:00 PM – 12:20 PM	**Synthesis and Way Forward on RDAS full development, and vote of thanks**