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CACIP Newsletter
Issue 10, October 2020

CENTRAL ASIA
CLIMATE INFORMATION PORTAL

In this edition:

- CACIP Redesign & new features;
- Data Analysis and Visualization;
- Partners contribution to CACIP;
- Publications & knowledge products;
- CACIP e-learning modules.

Explore more about other CACIP documents

CACIP Redesign & New Features

Topics categories

Energy

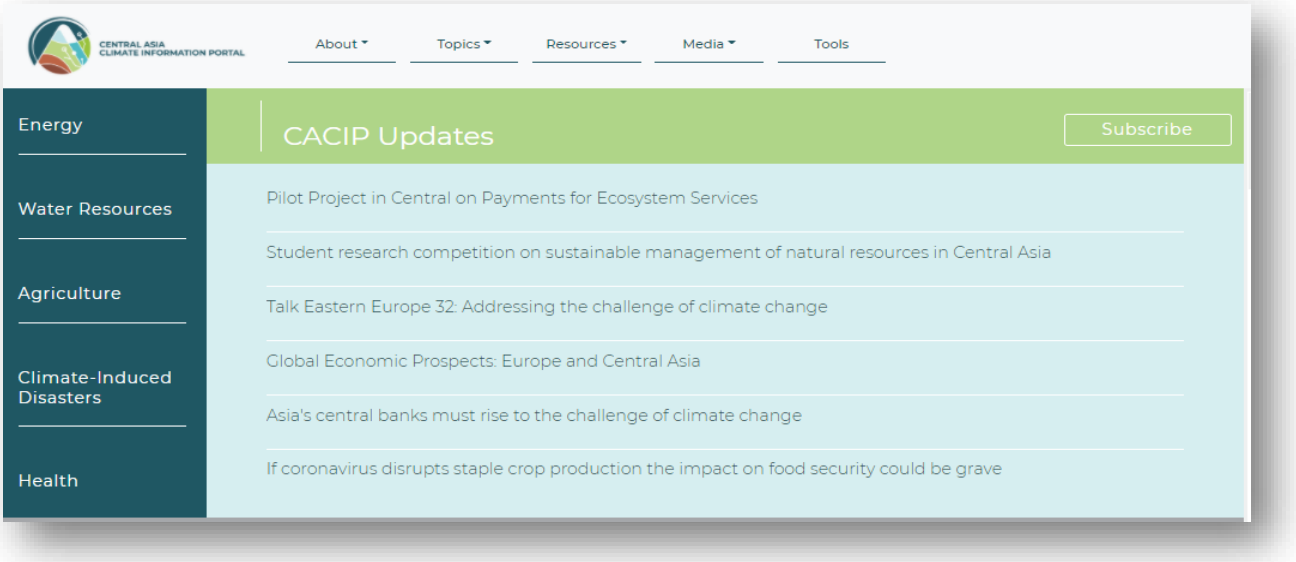
Water resources

Agriculture

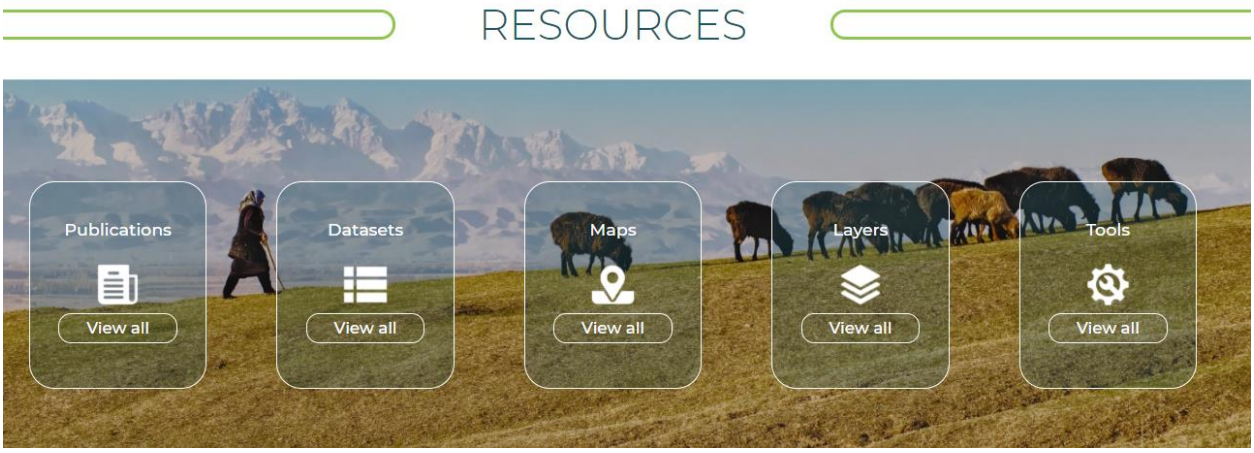
Climate-induced disasters

Health

CACIP Newsfeed



CACIP Resources



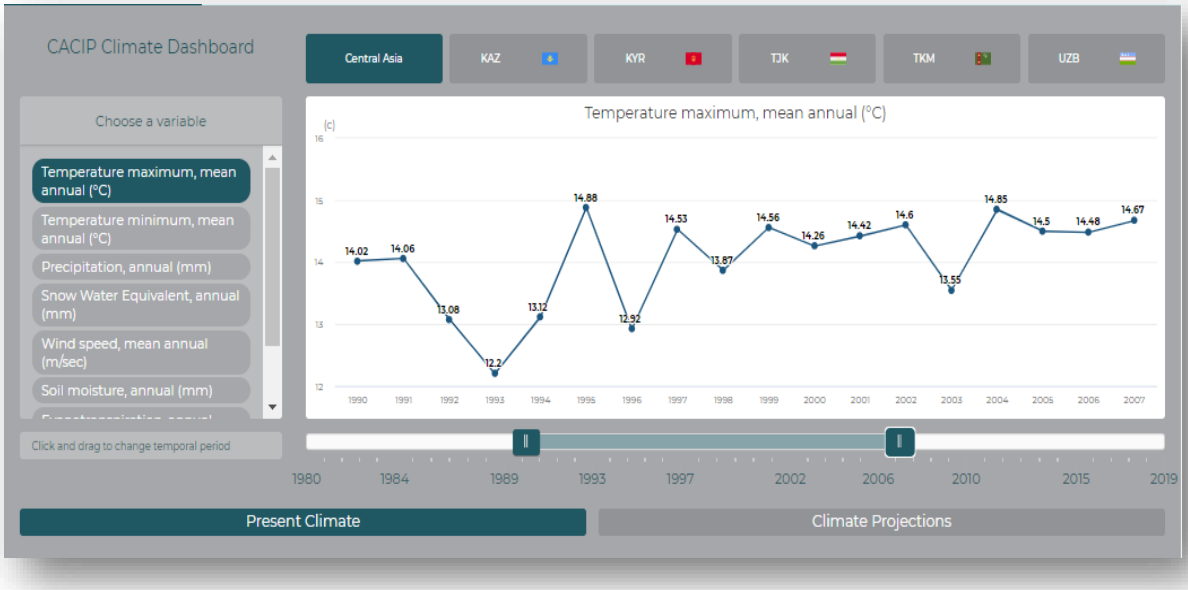
Data analysis and visualization

CACIP Climate Dashboard

TerraClimate Data

The tool provides statistical information on:

- Climate dynamics since 1980 up to 2019 on country and regional level
- Climate projections up to 2100 on regional level based on 2 emissions scenarios: **RCP45 and RCP85**



Variables available for Climate Dynamic analysis:

- Temperature maximum
- Temperature minimum
- Precipitation
- Snow Water Equivalent
- Wind speed
- Soil moisture (in mm)
- Evapotranspiration
- Radiation

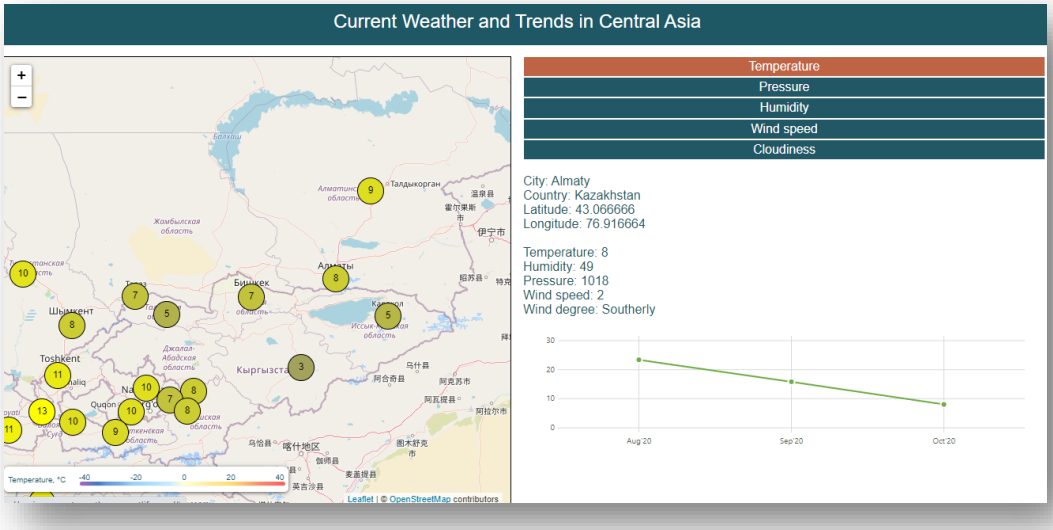
Variables available for Climate Projections:

- Temperature maximum
- Temperature minimum
- Precipitation

Data analysis and visualization

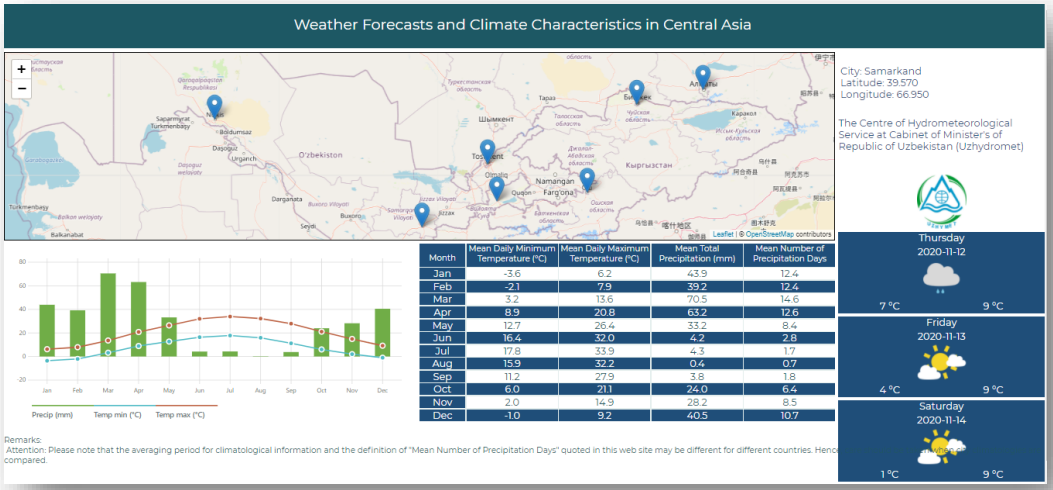
CACIP Current Weather and Trends

The tool displays main meteorological parameters: current temperature, pressure, humidity, wind speed and cloud cover data for more than 890 geographical locations in Central Asia. The information is updated every 3 hours. The users can also analyze the dynamics of the monthly average values of these parameters using the trend chart that is updated in the beginning of each month.



CACIP Weather forecast and climate characteristics in Central Asia

The CACIP Weather Forecasts and Climate Characteristics tool displays weather forecasts from the National Hydrometeorological Organizations via WMO portal that is linked to CACIP. The tool also allows to review and analyze monthly long term averages for minimum and maximum temperature parameters, precipitation and number of rainy days.

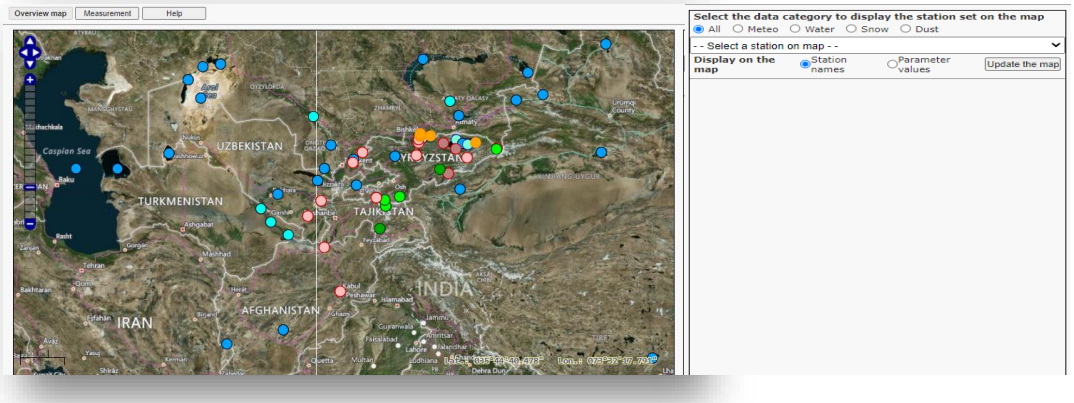


Partners contribution to CACIP

Sensor data storage system

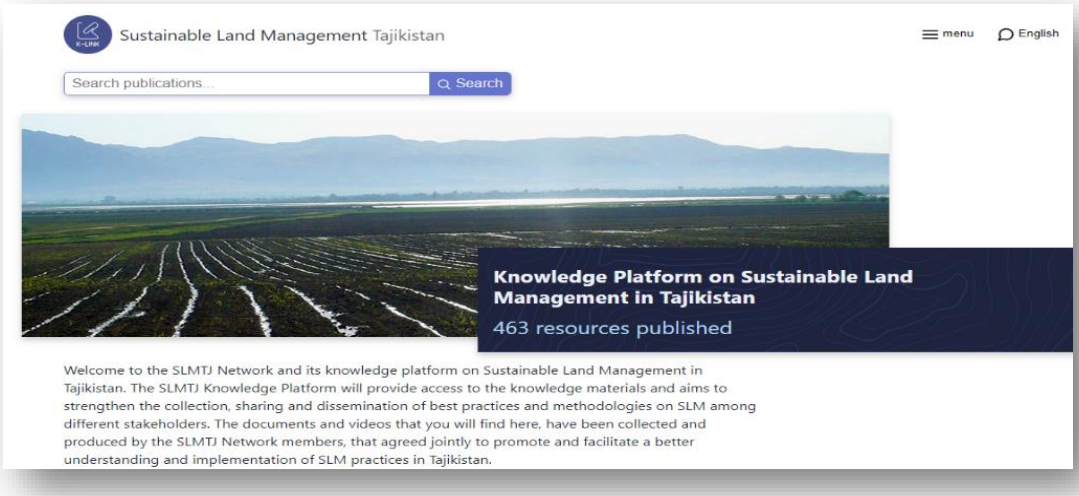
Sensor Data Storage System (SDSS) is a database repository containing data from monitoring stations and serving for their use and management.

The SDSS database contains hydro and meteorological data from all stations installed within the CAWa, the Global Change Observatory projects and others. In addition to hydro-meteorological parameters, the surface level of many Asian reservoirs calculated by the specialists of Section 1.2 GFZ from altimetric satellites can be found here.



SLMTJ (Regional tool)

This tool represents a knowledge platform on Sustainable Land Management in Tajikistan. The SLMTJ Knowledge Platform will provide **the farmers** access to the knowledge materials and aims to strengthen the collection, sharing and dissemination of best practices and methodologies on SLM among different stakeholders.



Publications and knowledge products

Automatic harvesting engineered for CACIP

ICARDA

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AGRIS

AGRIS is the International System for Agricultural Science and Technology, a multilingual bibliographic database that connects users directly to a rich collection of research and worldwide technical information on food and agriculture.

Maintained by the Food and Agriculture Organization of the United Nations (FAO), AGRIS has been serving users from developed and developing countries through facilitating access to knowledge in agriculture, science and technology since 1974.

GARDIAN, the Global Agricultural Research Data Innovation & Acceleration Network, is the CGIAR flagship data harvester. GARDIAN enables the discovery of publications and datasets from the thirty-odd institutional publications and data repositories across all CGIAR Centers to enable value addition and innovation via data reuse.

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GARDIAN

Publications and knowledge products

Automatic harvesting engineered for CACIP

The United Nations iLibrary is the comprehensive global search, discovery, and viewing source for digital content created by the United Nations.

It provides librarians, information specialists, scholars, students, policy makers, influencers and the general public with a single digital destination for seamlessly accessing publications, journals, data, and series published by the United Nations Secretariat, and its funds and programs.

UN iLibrary

The World Bank is the largest single source of development knowledge. The World Bank Open Knowledge Repository (OKR) is The World Bank's official open access repository for its research outputs and knowledge products.

The OKR contains thousands of World Bank research outputs and knowledge products across a wide range of topics and from all regions of the world.

Automatic harvesting engineered for CACIP

OKR OPEN KNOWLEDGE REPOSITORY

CACIP e-learning modules

CACIP is happy to announce the Building Adaptive Capacity and Resilience to Climate Change in Central Asia training course! This course will begin in December 2020, and will have 6 week-long modules, covering a wide range of topics. The enrollment will be announced separately.

Module 1:
Knowledge Generation, Information and Data-sharing in Central Asia

Description: This course will explain the work that has been done to create a regional climate change platform for Central Asia, and how it can be used for strategic communication across the region.
Start Date: 7 December 2020

Module 2:
Overview of M&E systems for adapting to climate change

Description: The objective of the course is to provide a synthesis of current adaptation and resilience M&E resources, frameworks, and approaches so that practitioners are able to more easily identify the information and tools that are most relevant to their needs.
Start Date: 7 December 2020

Module 3:
Vulnerability Assessments and Mapping

Description: This course focuses on understanding vulnerability, the framework for vulnerability assessments, and the practical methods and tools to use in the process.
Start Date: 8 February 2021

Module 4:
Integrating Climate Change Adaptation and Disaster Risk Reduction

Description: This course aims at equipping policymakers and practitioners with the knowledge and skills to more effectively integrate disaster risk reduction with adaptation to climate change, in the context of development and poverty reduction.

Start Date: 8 February 2021

Module 5:
Participatory planning and cross-sectoral stakeholder inclusion

Description: This course focuses on collaborative governance and the challenge of participatory processes in order to form integrated adaptation responses to climate change.

Start Date: 25 January 2021

Module 6:
Planning to Action: Mainstreaming Climate Change

Description: This course will build capacity for mainstreaming climate change adaptation into national/sectoral planning and the methodologies on how to implement and monitor adaptive measures for mid- to long-term resilience.

Start Date: 8 February 2021

Project: Central Asia Regional Climate Information Platform.

The main objective is the development a Central Asia Regional Information Platform which will help stakeholders to access, analyse, and visualize public-domain data to support improved awareness, assessment, and decision support. This is expected to make available comprehensive and up-to-date relevant data and information, linking with high-quality datasets (including time series and spatial information) from global, regional, and local sources, provide analytical tools and interfaces for the visualization and interpretation of data and information (e.g. mapping tools to layer data and map hotspots and areas at risk, screening tools, etc.).

For more information, please visit:
https://mel.cgiar.org/projects/cacip
www.CentralAsiaClimatePortal.org

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