



Central Asia CLIMATE PORTAL

DEVELOPMENT OF THE CENTRAL ASIA CLIMATE PORTAL

The regional climate knowledge service component of the Climate Adaptation and Mitigation Program for the Aral Sea Basin (CAMP4ASB) is providing comprehensive and up-to-date data and information, analytical tools and interfaces for improved awareness, assessment and decision support.

Challenge

The countries of Central Asia are among those most vulnerable to climate change. Building resilience to growing climate impacts, like melting glaciers and droughts, is a top priority in reducing poverty and enhancing prosperity in the region, about 60 percent of which consists of deserts.

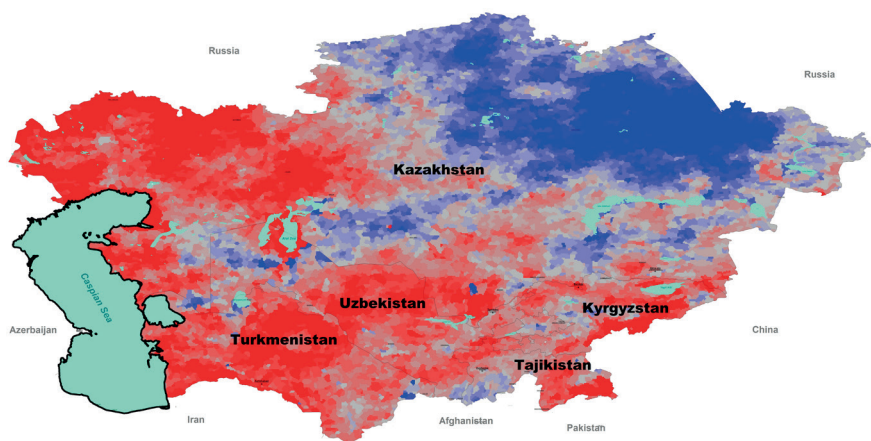
Impact Pathway

- Interfaces and tools for data visualization, contextualization and interpretation
- High-quality, global public domain datasets on climate variability and change
- Increased coping capacity to cope with shocks
- Increased capacity for innovation in partner research organizations
- Enabled environment for climate resilience

About the platform



PHOTO: MICHAEL MAJOR/CROP TRUST



Project area: Kazakhstan, Kyrgyzstan, Tajikistan, Turkmenistan, Uzbekistan

Period of implementation 1 April 2019-31 March 2020

Legend: Cooler, Stable, Warmer
 NODATA Negative/Positive trend of the variation of the land surface temperature in the long term

The Regional Climate Information Platform will help policy-makers, academia, local communities and other stakeholders to access and analyze comprehensive and up-to-date public-domain data on climate change. This is expected to facilitate public-domain collection, sharing and maintenance of datasets relevant for climate assessment and decision-making.

The platform will build on existing systems to collate, analyze, disseminate and use climate change relevant data from local, regional and global sources. It will offer interfaces and tools for data visualization, contextualization and interpretation to support analysis for climate change adaptation and mitigation.

Types of information and data

- Climate datasets (temperature, precipitation)
- Long-term climate projections
- Hydrological databases on river basins in Central Asia
- Climate-induced natural disasters (maps, assessments findings)
- Agricultural production
- Soil maps

- Energy and GHG emissions, etc.

Key design principles

- Sustainable, long-term provision of free, public domain climate information and analytical services
- Accessibility on all digital platforms, including computers, tablets and smartphones
- Maximum utilization of existing and accessible climate change information, knowledge and expertise, as well as available institutional infrastructure for information delivery
- Facilitation of in-country, regional and international cooperation in climate change data, information and knowledge sharing and delivery
- Delivery of information in an open access “analysis ready” format, with major functionality available even with low-internet bandwidth and in off-line mode
- Availability of content in two languages: Russian and English

CONTACT

Enrico Bonaiuti, Team Leader
 e.bonaiuti@cgiar.org
 www.icarda.org



WORLD BANK GROUP

