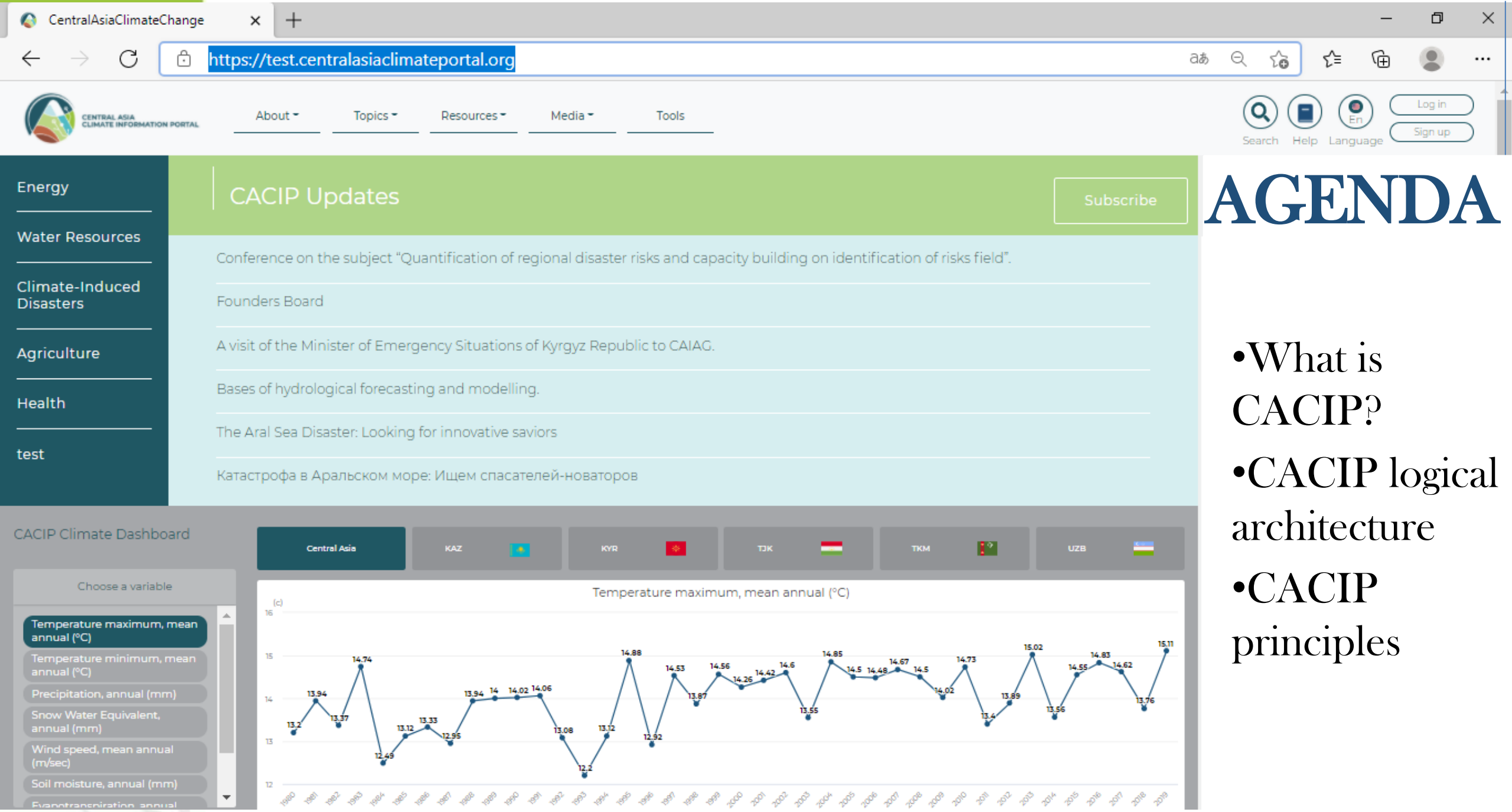
Central Asia
CLIMATE PORTAL

THE WORLD BANK
IBRD • IDA | WORLD BANK GROUP

Central Asia Climate Information Platform (CACIP): helping stakeholders to access, analyze, and visualize public-domain data

https://centralasiaclimateportal.org/



AGENDA

- What is CACIP?
- CACIP logical architecture
- CACIP principles

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CACIP is a platform that collects and structures actual data & information on climate change adaptation and mitigation

Across the CA region

- Kazakhstan
- Kyrgyzstan
- Tajikistan
- Turkmenistan
- Uzbekistan

Across climate-sensitive sectors

- Energy
- Water Resources
- Agriculture
- Climate-induced disasters
- Health

Access to different data types

Documents

- Publications
- Datasets
- Project datababase
- Event calendar

Spatial data

- Layers
- Maps
- Tools

Multimedia

- News
- Expert blogs
- Photo & Video gallery

Services

- Webex
- Zoom

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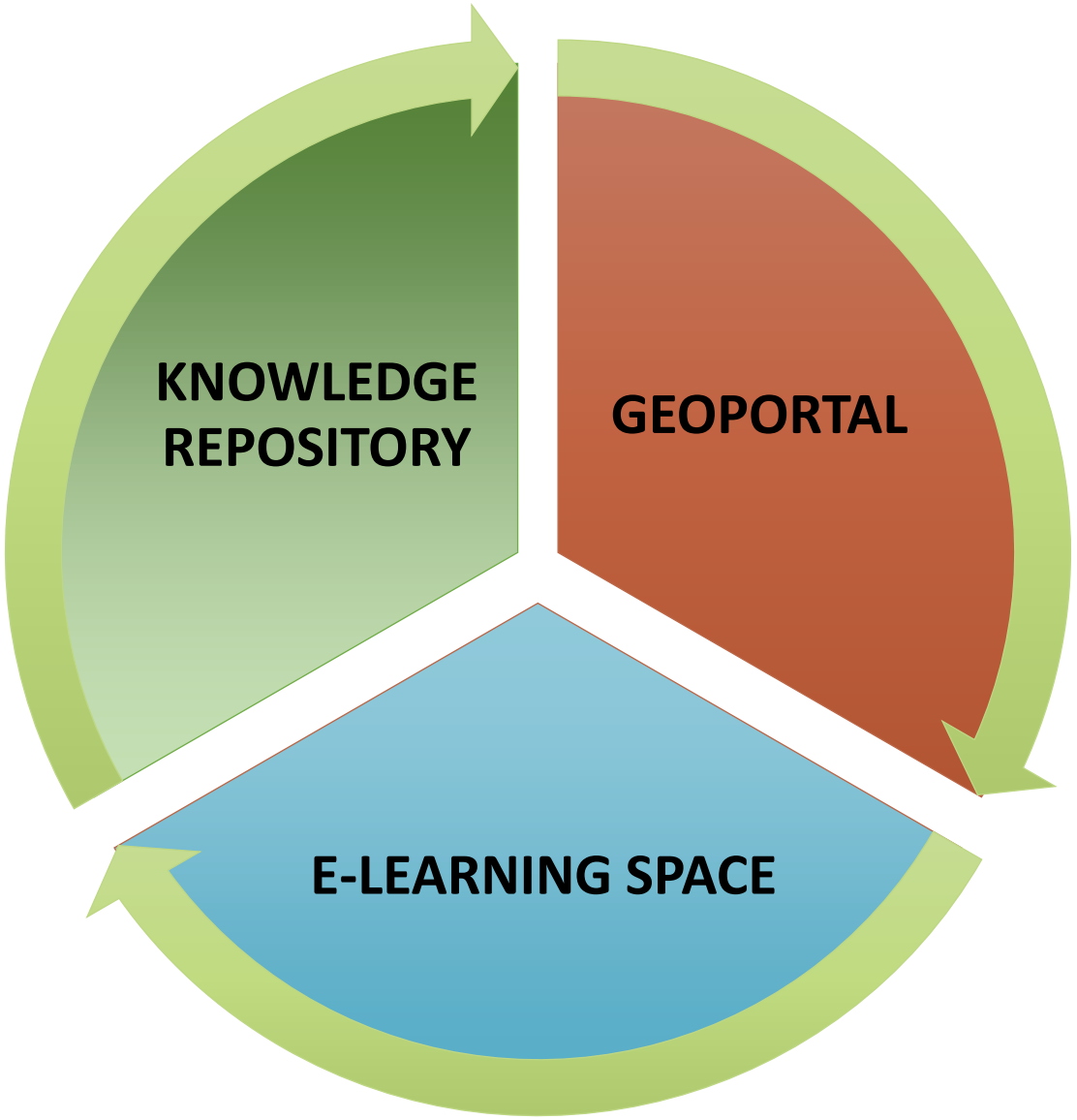
CACIP Logical Architecture



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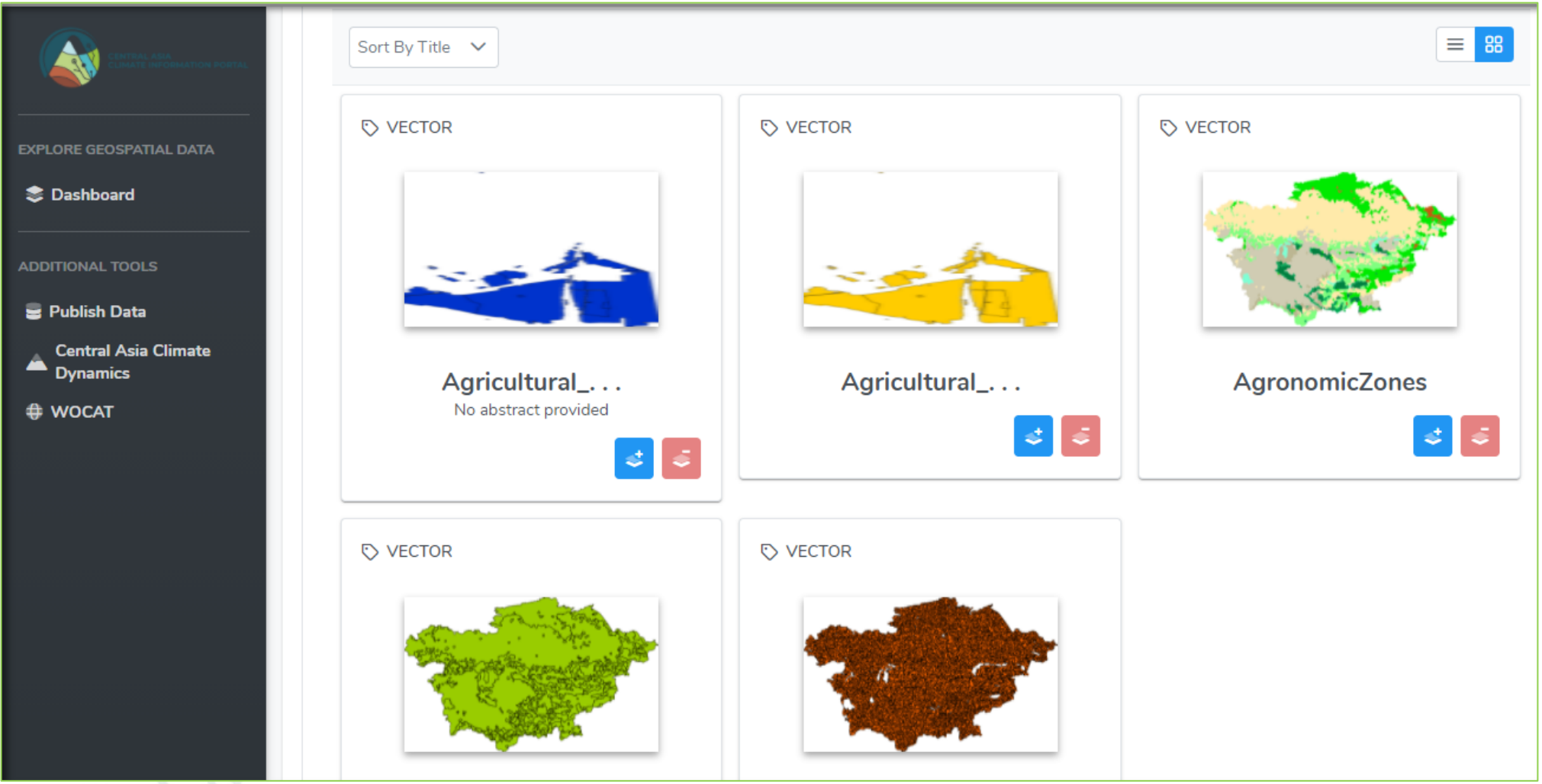
Geoportal



- ✓ **Obtain an up-to-date and reliable information** about climatic situation by remote sensing

- ✓ **Harvests data from**
  - Aqua/Terra (NASA, Modis)
  - Climate technology centre & network
  - World Bank
  - UN

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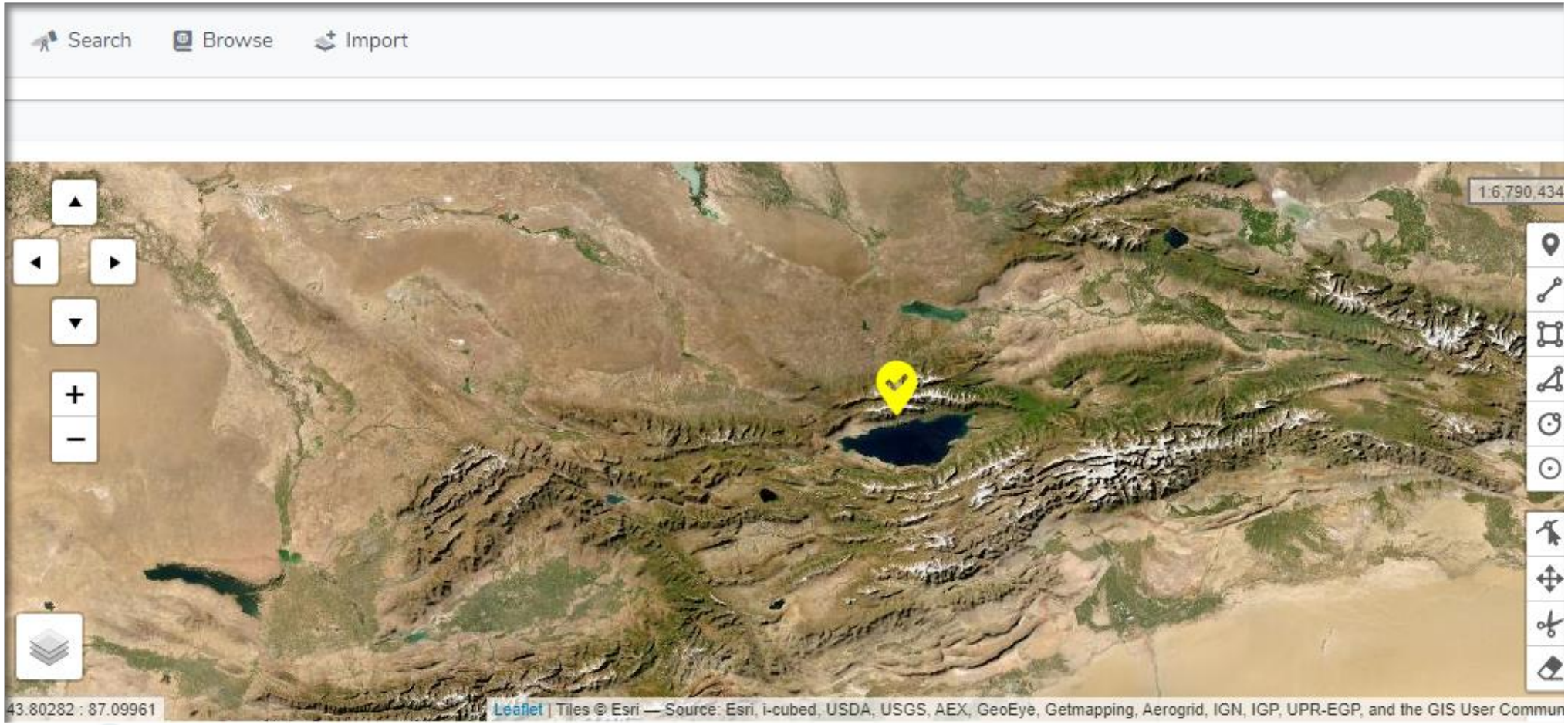
Geoportal



- ✓ **Provides access** to visualization and interpretation of geospatial data (maps, layers) and monitoring situation

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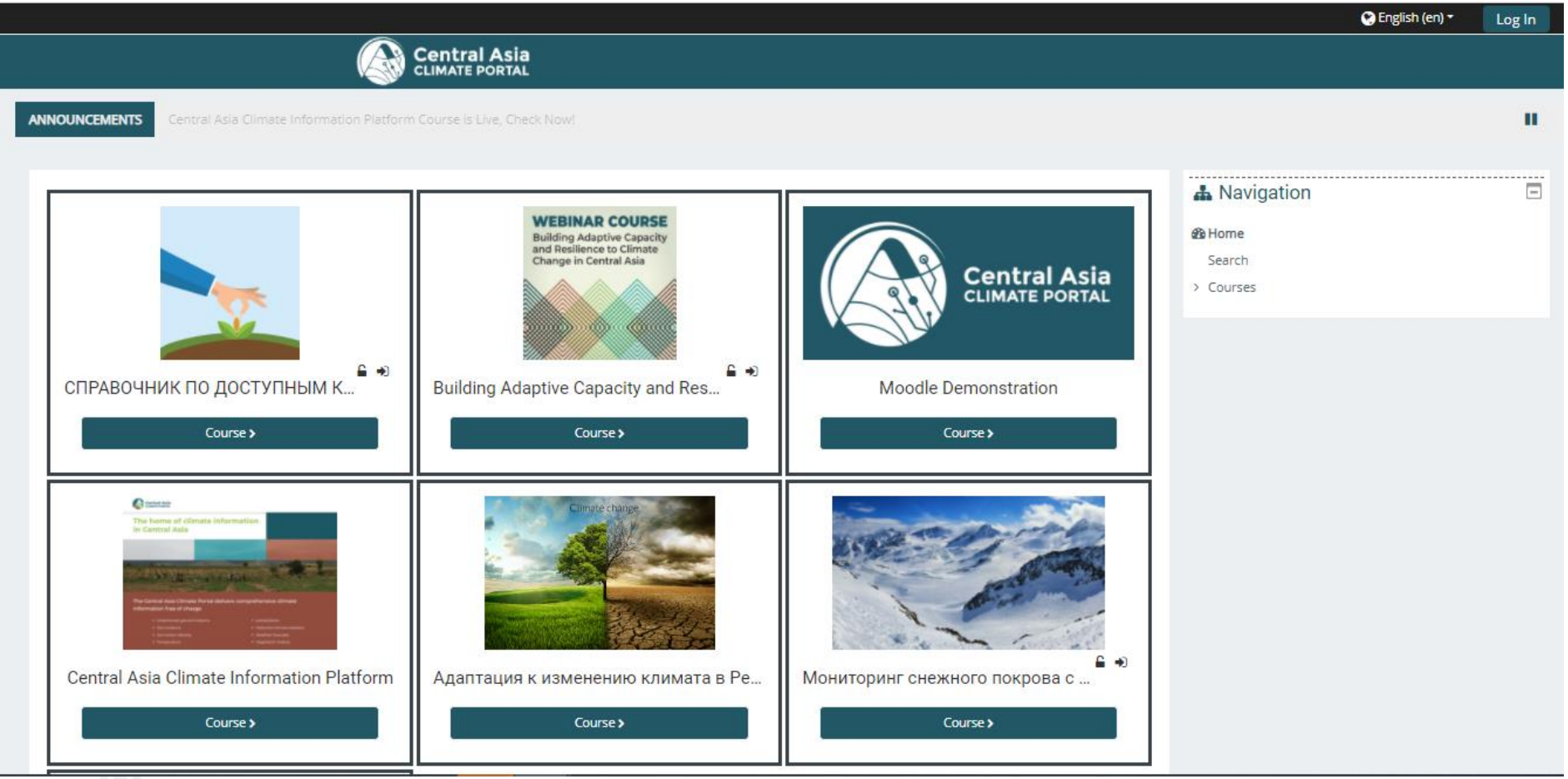
E-learning Space



- ✓ **Collects and provides access** to online training courses and modules in hydrology, agrometeorology, climate modeling and forecasting across CA region
- ✓ **Allows external partners** to upload and conduct their own training courses
- ✓ **Provides free of charge services** to partners for conducting conferences/webinars upon request (Zoom, Webex)

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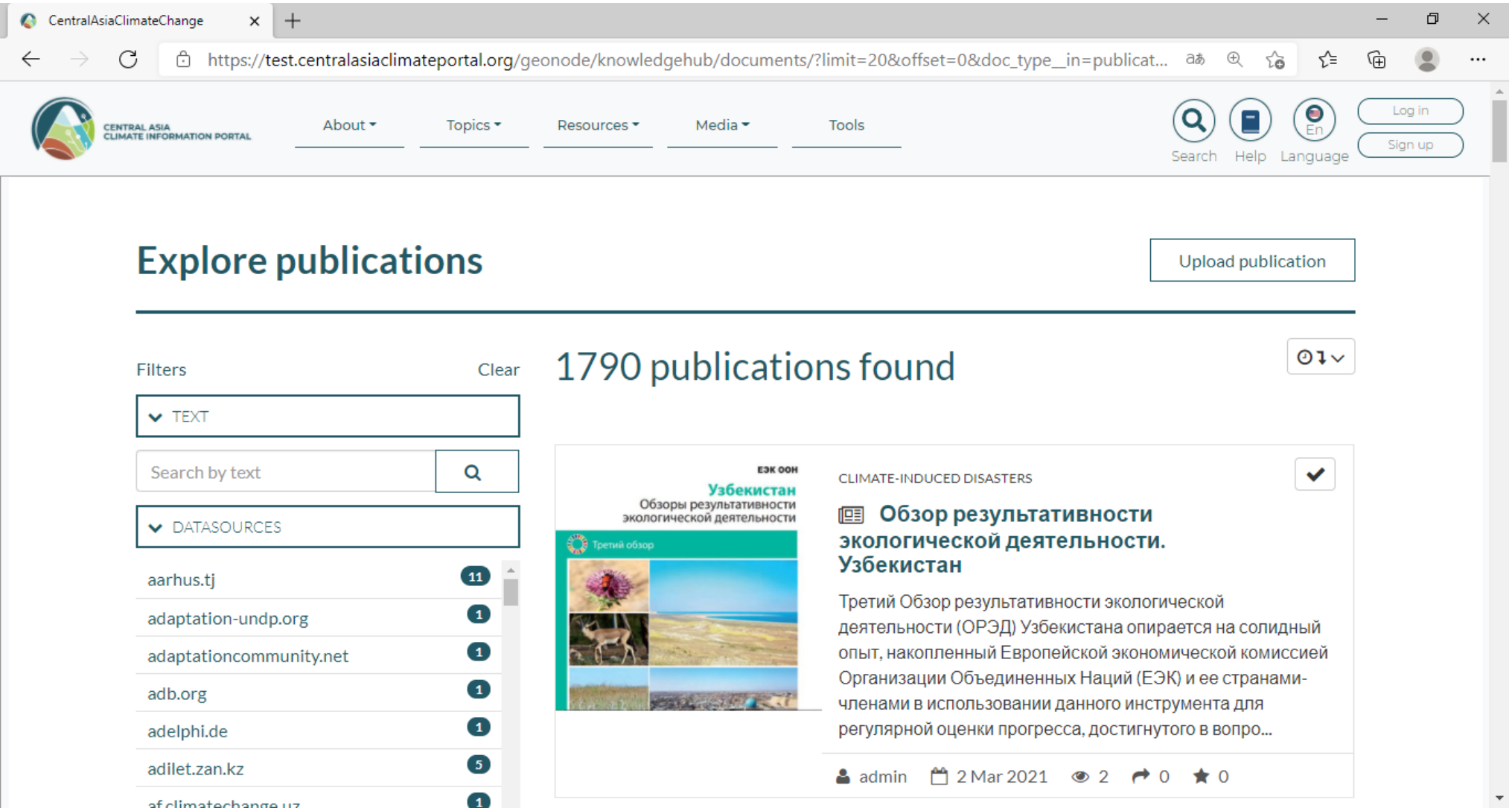
Knowledge Repository

1. Collects, stores and provides access to the repository of knowledge products, publications and documents



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Knowledge Repository

2. Enables institutional memory of implemented environmental projects through the Project database

TOOLS

All Topics | Energy | Water resources | Agriculture | Climate-induced disasters | Health

Central Asia Water and Energy Data Portal

The Central Asia Water & Energy Data Portal is available in English and Russian language and covers the five countries of Central Asia including Afghanistan. The data portal includes many new high-quality datasets available from a number of institutions (e.g. UN agencies, NASA, NOAA, CIESIN, IRI, The World Bank, etc.). It contains datasets on various topics, such as: Environment, Social, Economic, Climate, Water, and Disaster

Source: http://spatialagent.org/CentralAsia/

Global Solar Atlas

The primary aim of the Global Solar Atlas is to provide quick and easy access to solar resource and photovoltaic power potential data globally, at a click of a mouse.

Source: https://globalsolaratlas.info/map?s=29.993002,21.621094&m=site

Interactive map of the best practices in Central Asia

The tool means an approach, technology, method or combination of methods and measures, or organization of process for sustainable and rational use of water, land, and energy resources and protection of environment.

Source: http://www.cawater-info.net/best-practices/en/base/index

WOCAT

World Overview of Conservation Approaches and Technologies (WOCAT) provides tools that allow specialists in sustainable land management (SLM) to identify field sand needs of action, share their knowledge in land management, search for appropriate SLM technologies, and support them in making decisions in the field and at the planning level and in upscaling identified best practices.

Source: https://qcat.wocat.net/ru/wocat/

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Knowledge Repository

3. Allows to keep track and plan environmental events at national, regional and global level through the Event calendar

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CACIP principles

One-stop shop for climate data, knowledge and practices in CA

Open-source software and data

Tools for analyze, interpretation and visualization

Engagement of wide range of stakeholders into development/testing

Automatic data harvesting

Easily accessible from any computer or mobile device.

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THANK YOU

PLEASE VISIT US

https://centralasiaclimateportal.org/