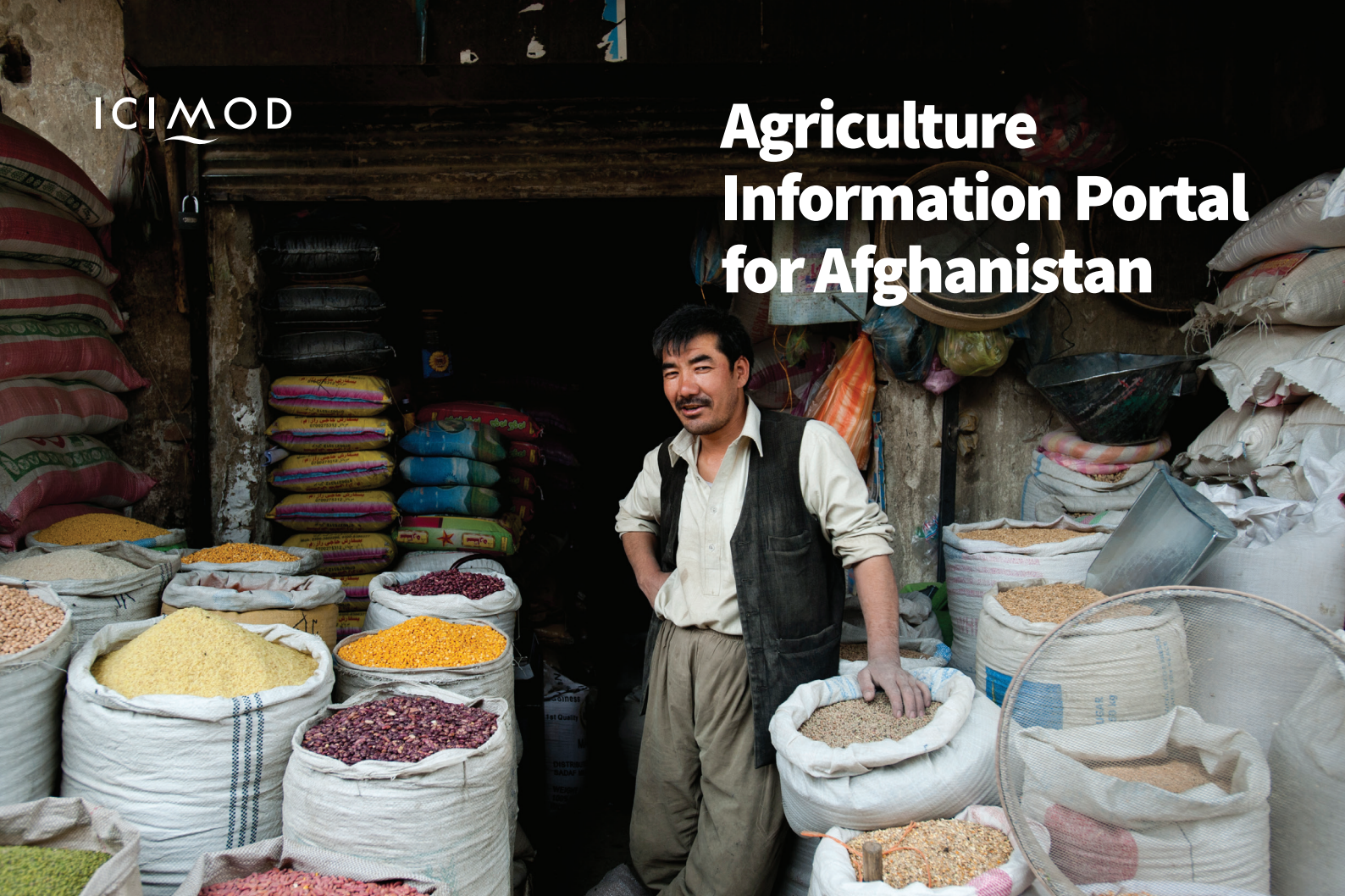


Agriculture Information Portal for Afghanistan



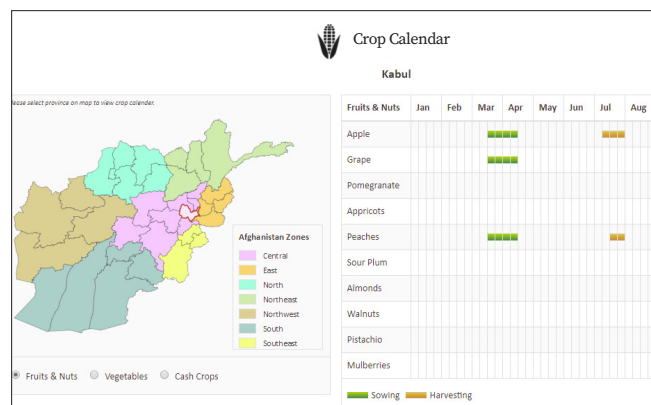
SERVIR-HKH in Afghanistan

The SERVIR Hindu Kush Himalaya (SERVIR-HKH) Initiative is working with the Government of Afghanistan to improve the use of Earth observation and geospatial technologies in the country. Access to data and tools is key to designing and implementing effective management plans related to water resources, agricultural water use, and irrigation management and decision making. SERVIR-HKH is developing data products and web-based applications for this purpose.

The Agriculture Information Portal (AIP)

The Agriculture Information Portal (AIP) provides a gateway to geo-information data and application tools. It facilitates the sharing of spatial and non-spatial data. The AIP allows for the integration of various web-based applications and provides tools to support informed decision making in Afghanistan.

The interactive platform enables users to view province-level information on crop statistics – production, crop area, and yield for wheat, rice, maize, and barley; crop calendar, which shows sowing and harvesting periods for fruits, vegetables, and cash crops; and commodity market price of crops, vegetables, and livestock.



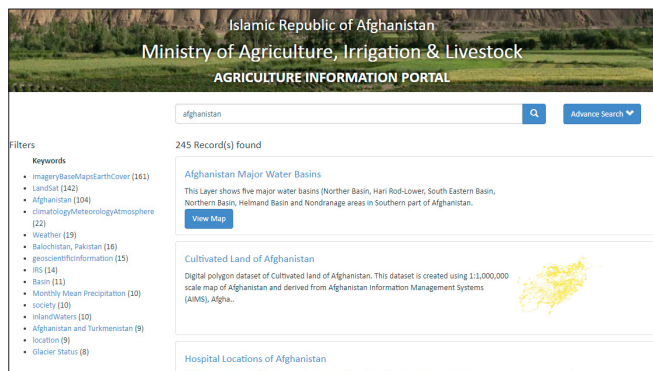
Key components of the AIP

APPLICATIONS



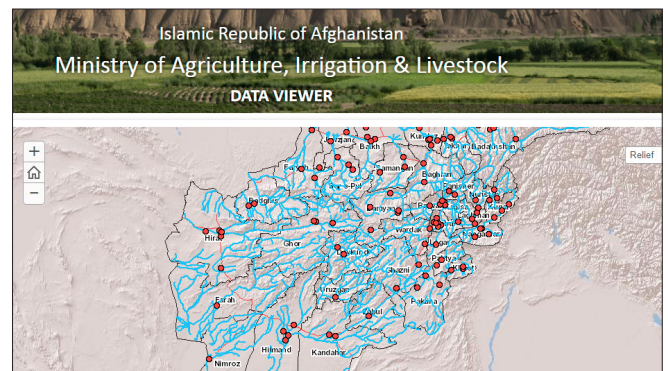
The AIP's applications currently include the MODIS NDVI Anomaly Information System, Irrigation Canal Information System, Crop Information System, Agro-met Information System, Wheat Mapping Application for Afghanistan, and Glacier Dynamics in Afghanistan.

DATA CATALOGUE



The data catalogue facilitates data discovery and dissemination. It allows users to search for spatial and non-spatial data stored in the catalogue. Users can also view detailed metadata.

DATA VIEWER



The data viewer allows visualization of geospatial and tabular data in the form of dynamic maps.



SERVIR connects space to village by helping developing countries use satellite data to address challenges in food security, water resources, weather and climate, land use, and natural disasters. A partnership of National Aeronautics and Space Administration (NASA), United States Agency for International Development (USAID), and leading technical organizations, SERVIR develops innovative solutions to improve livelihoods and foster self-reliance in Asia, Africa, and the Americas.

The International Centre for Integrated Mountain Development (ICIMOD) implements the SERVIR Hindu Kush Himalaya (SERVIR-HKH) Initiative – one of five regional hubs of the SERVIR network – in its regional member countries, prioritizing activities in Afghanistan, Bangladesh, Myanmar, Nepal, and Pakistan.

For further information

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