Agriculture monitoring systems (AMS)

AMS based on innovative and sustainable methods, tools, geospatial technology and in situ data.

AMS analyzes in depth the existing country’s agriculture, monitoring methodologies, and identifies the main sustainable methods and tools, including the review and validation of the existing information.

AMS develops innovative, up-to-date and/or complementary agriculture monitoring systems and improve the quality of data.

AMS improves area and yield forecasting, crop monitoring and estimation, based on geospatial information.

AMS generates cropland information including the main crop types and seasonal crop dynamics at national/provincial level based on integration of the remote sensing, and identifies areas for improvement.

AMS improves data collection, analysis and dissemination systems, based on advanced approaches and technology and integral use of remote-sensed data.

THE PROJECT WILL FOCUS ON RICE AND COTTON PRODUCTIVITY ASSESSMENT AND CROP AREA ESTIMATION FOR 2017

BASED ON RECENT HIGH RESOLUTION GEOSPATIAL INFORMATION:

Proba-V, Aqua/Terra, Landsat-8, Sentinel-1, Sentinel-2, SPOT-5, 6 & 7 and Pleiades-1A & 1B imagery.

It will further develop the existing agriculture monitoring system at provincial level through a regularly scheduled series of actionable crop production reports developed by the agriculture provincial offices.

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