Agriculture Information System

Building Provincial Capacity in Pakistan for Crop Estimation, Forecasting, and Reporting based on the integral use of Remotely Sensed Data GCP/PAK/125/USA

SUPARCO'S TECHNICAL SUPPORT: Improve Punjab CRS's Crop Bulletins Reports - 21st May 2015 - Lahore, Pakistan

*The **Pakistan Space and Upper Atmosphere Research Commission** (SUPARCO), in collaboration with the **Food and Agriculture Organization of United Nations** (FAO) organized a one-day workshop to CRS Punjab at Lahore on 21st May 2015. The purpose of this workshop was to improve the quality of the Provincial Crop bulletin according to recommendations by FAO, USDA, UMD & SUPARCO.*

BACKGROUND

The capacity building of the Pakistan's provincial governments to collect and analyze agricultural information efficiently and produce accurate and timely reports is fundamental.


CRS PUNJAB
Crop Reporting Service, Punjab

CROP BULLETIN
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CONTENT

OVERTURE

Directorate of Agriculture
Crop Reporting Service, Punjab, Lahore

The project aims to further enhance the existing provincial crop forecasting capability through the compilation of a regularly scheduled (monthly) series of actionable crop production reports that fully utilize area-yield survey data, along with remotely sensed information.

SCOPE

Main purpose of this workshop was to review the status of procedures and information included in the CRS bulletins[1] [1]so far, and discuss with the CRS officials areas of potential improvement according to the recommendations by FAO, United States Department of Agriculture (USDA), University of Maryland (UMD) & SUPARCO.

FOCUS

- Improve summary, text, and statistics.
- Better representation of NDVI information derived from the GLAM system.
- Improvements in tables, maps and graphics.
- Addition of legends, captions and descriptive text in support of tables, maps and charts.
- Insertion of chapters related to monthly news, events, market situation etc.

TARGET GROUP

Crop Reporting Service of Punjab.

1 *crs.agripunjab.gov.pk/reports*

Project Objective

- Improve CRSs (Punjab and Sindh) and universities capacity to estimate and forecast crop production through the use of remote sensing, field data, and other relevant information
- Enhance the integral use of remotely sensed data into existing data collection, analysis, and dissemination mechanisms.
- Build capacity of CRSs (Punjab and Sindh) and universities to produce timely market-oriented reports.

Components

- Capacity building of Provincial Crop Reporting Services & Universities
- Provision of Geospatial Systems
- Crop information portal
- Global Agricultural Monitoring (GLAM)
- Smart phone application (MAGIS)
- Area Frame Sampling System (AFSS) Automation Through Mobile Technology
- Land Cover database of Pakistan (LCCS)
- Crop Mask
- Area Frame Sampling system
- Market Outlook improvement
- Crop reporting

USDA SUPARCO Food and Agriculture Organization of the United Nations