



Food and Agriculture Organization  
of the United Nations

Photo credits: Alessandro Longhi - CC License

# IMPROVED AGRICULTURAL MONITORING SYSTEMS THROUGH SATELLITE IMAGERY FOR IRAN

## CAPACITY DEVELOPMENT

Transfer of relevant methods, good practices and learning materials.  
Exchange of solutions on agriculture monitoring, optimized through the use  
of geospatial technologies South/South Cooperation.

### KEY APPROACH:



Provide support and undertake high level Training of Trainers, on-the-job training and distance learning in Remote Sensing for land cover mapping, agriculture monitoring and crop area and yield estimation.

Improve provincial capacity to develop reports/bulletins based on satellite-based estimates of area of crops, vegetation condition, agricultural inputs and crop yield estimates.

Develop e-learning curriculum on "Geospatial information and technology for agriculture monitoring and statistics".

Deliver high-quality training materials on geo-information technology and their application, using the best available geospatial data and processing techniques.

Exchange of knowledge, technology experiences and good practices, through South/South Cooperation initiatives with operational units in Pakistan.

The project will incorporate distance learning, on the-job-trainings and training of trainers (from main department/division staff) who can then cascade down training of others (e.g. to provincial staff).

This programme will provide technical certification through MOJA and incorporate teaching skills development.

© FAO/2017  
17200EN/1/5.17