

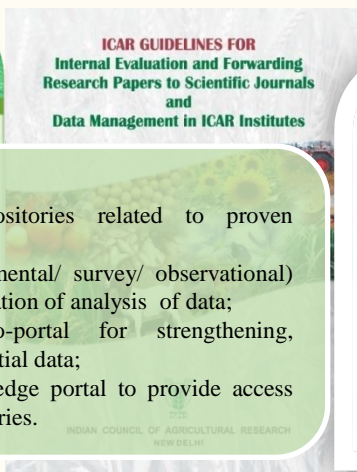


# KRISHI

## KNOWLEDGE BASED RESOURCES INFORMATION SYSTEMS HUB FOR INNOVATIONS IN AGRICULTURE

### (ICAR RESEARCH DATA REPOSITORY FOR KNOWLEDGE MANAGEMENT)

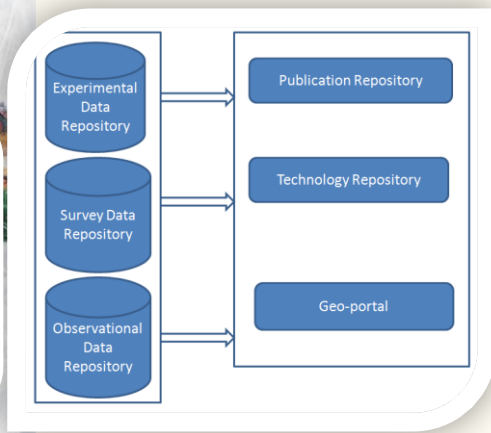
For implementing ICAR Research Data Management Guidelines, ICAR Research Data Repository for Knowledge Management has been initiated to provide access to stakeholders through a web portal named **KRISHI** (<http://krishi.icar.gov.in>)



#### Objectives

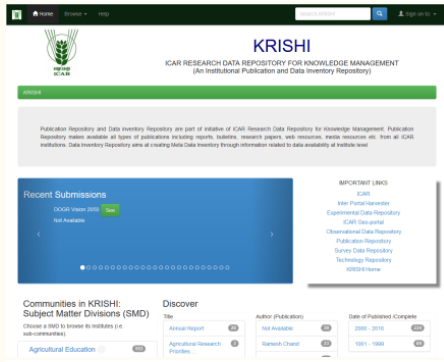
- To develop knowledge repositories related to proven technologies, and publications;
- To develop unit level (experimental/ survey/ observational) data repositories and standardization of analysis of data;
- To create agricultural geo-portal for strengthening, visualization and analysis of spatial data;
- To develop agricultural knowledge portal to provide access and manage knowledge repositories.

#### Proposed Repositories



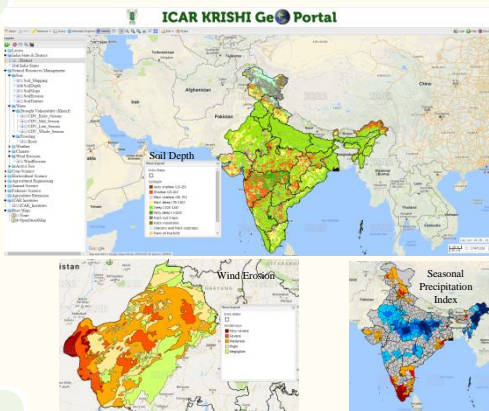
#### Publication and Data Inventory Repository

It makes available all types of publications from ICAR Institutes and supports creating Metadata Inventory of available data



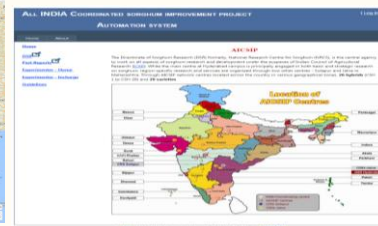
#### ICAR Geo-Portal

An initiative for visualization and analysis of spatial data related to agriculture



#### Unit Level Data Repository

Planned for data generated through experiments, surveys and observational studies in ICAR Institutes



Being implemented for ten AICRIP/Network projects in Phase I

**Interportal Harvester:** Metadata harvesting from Open Archives Initiative Protocol for unified search

#### Technology Repository

Production, protection, knowledge products developed and tested

#### Implementation in Phase I

- To facilitate single window access to all online knowledge resources available within ICAR.
- Sensitisation of the researchers about the importance of creating research data repositories and capacity building.
- Standardization of data formats and workflows for creating these repositories.