

1. RAW DATAS' COLLECTION AND RETENTION

The agricultural census is conducted at relatively regular intervals, by the statistical office of the ministry in charge of agriculture. The data collected is used to

- Compare the situations given dates
- Provide information about changes between two periods.

Datasets are not available in open access.

MINISTRY IN CHARGE OF AGRICULTURE

Agricultural data collection and preservation

Request of raw data

Data streams to Irstea

irstea

2. DATA ANALYSIS

Before the official release, it is possible to ask the SSP quasi permanent data. In this context, we have developed applications used by the SSP to extract the desired data type and the desired format. Concerning the analysis of irrigation, we asked the mining and aggregate data crossing farmers equipped for irrigation, by geographical area (townships, counties, regions, basin agencies), by crop, by irrigation mode, mode of access to the resource.

5. LOCAL AND NATIONAL PUBLIC ACTIONS

Management of water resources in the context of climate change to preserve the resource and satisfy all stakeholders

FROM DATA TO THE DECISION

• EXAMPLE OF THE ISSUE •

«IRRIGATION IN FRANCE STATE OF THE ART AND PERSPECTIVE»
OF «SCIENCES EAUX & TERRITOIRES» JOURNAL

Data analysis

Dissemination through editorial forms

Make choice

Feedback to professional public (needs and expectations)

Receive information

Sciences Eaux & Territoires

La revue d'Irstea

SET e-journal : a link between scientists and Professionals/decision makers who need scientific knowledge to

- build engineering projects
- define public policies as decision making tool

4. HELP THE DECISION MAKING

By analyzing the data at the earliest Irstea fulfills its missions to support public policy and builds its future research topics. The results of this analyses are published in the “Sciences eaux & Territoires” journal : e-Journal dedicated to his public policies support by the transfer of knowledge from research to action and decision.

3. DISSEMINATION THROUGH EDITORIAL FORMS