2020 SKiM Learning Week
29 June – 3 July
Virtual Visit to Partner Institution: Knowledge Management Assets
Institut Agronomique et Vétérinaire Hassan II - IAV Hassan II -

Knowledge management

Morocco
Mrs Zebakh Sanaa
Established in 1966 by His Majesty the late king Hassan II

Direct and financial supervision
Ministry of Agriculture, Maritime Fisheries, Rural Development and Water and Forests

Academic supervision
Ministry of National Education, Professional Training, Higher Education and Scientific Research
IAV Hassan II missions

Research

- R&D activities at the service of agricultural and rural development

Training

- Initial training: engineers and veterinary doctors
- Doctoral studies
- Continuous training

Expertise

- Technology transfer
- Innovation and valuation the exploitation of research results,
- Support for entrepreneurship

Developement

Engineers, veterinarian doctors, Master and PhD diploma
Academic Training

- Agronomy
- Veterinary Medicine
- Rural Engineering
- Horticulture (Complexe Horticole d'Agadir)
- Agrifoods industries
- Topography

Masters
PhD school
Educational and research resources

- Research Professors: 240
- Technicians: 92
- Administratif Staff: 275

Educational and research Infrastructure:
- 22 departments
- Laboratories
- Experimental greenhouses
- Clinics
- Technological hall
KM process at IAV Hassan II

2020-2021
Target: improve our KM implementing strategy and use of IT tools

Creation
- Research activities
- Practical internship
- PHD school
- Studies, surveys

Using
- Training
- Vocational training
- Extension
- Policy briefs

Managing
- Center of agronomic documentation
- 3 edited journals by IAV
- IAV Connect

Sharing
- Publications in international journals
- Publications in national journal
- Books
- Technical guidelines
- Seminar and workshops
- IAV portal
Knowledge creation sources

(estimated %/year)

- **Master thesis**: Annually around 300 graduated students are preparing a thesis research report
- **PHD thesis**: PhD thesis: 342 enrolled student from 2011 (92 graduated since 2013)
- **Scientific Publications**: 120 Articles submitted in National and international journals
- **Patents**: 3 patents are delivered and 2 registered since 2017
- **Research and expertise contracts**: Project research deliverables and expertises reports representing around 65% of IAV contracts
Sharing Knowledge (ex)

**Scopus**

950 papers in SCOPUS database 200-2020

**REMAV local journal edited by IAV**

Source: Zebakh, S. Calculation data retrieved on 23.05.20
Managing knowledge:
Agriculture Documentation Center

IAV production

- More than 9000 thesis
  (3000 thesis on internal platform)
- +20 000 Training reports
- 175 PhD thesis +
- 3 printed and online journals edited by IAV
- +70 Books edited by IAV

External sources

+ 15,000 books
49 Dictionary, 68 Encyclopedia
12 scientific journals

Bibliographic records:
+30,000

Database: AGORA &
HINARI, ARDI ...
CABI, ProQuest DataBase
Existing Knowledge management tools

Integrated Library Management System (ILMS) help us keep track of our documents inventory and loans, and profiles

**Documentation center**

Software for managing the documentation center:
- the library management,
- the watch and the documentary products,
- the publication of editorial content
- the electronic document management.

1) Using **AGRIS (FAO) classification** to organize knowledge represented in any form, e.g., books, documents, electronic resources…
2) Adopt a standard controlled vocabulary/ontology, the FAO of the UN **AGROVOC** multilingual thesaurus, to define the types and properties of variables in the dataset;

**Enterprise Ressource Planning**

- For the Academic information and administrative management
Obstacles hampering KM process

Scientific Journals
Journals Edition is based on the personal commitment of a few professors

Lack of KM procedures and incentives

Loss of knowledge and under valorized results

Archives
Archives are not stored centrally and nor digitized

Tools
Lack of IT adapted tools from knowledge tracking to dissemination
Linking between IAV campuses in Agadir and Rabat
Capitalize on tacit knowledge

Absence of KM vision and strategy
Future initiatives 2020-2021

- Interactive website

- IAV Connect (phone application): building a community of students, Alumni, researchers and staff of IAV Hassan II

- Administrative application to manage agreement, mobility, project funding

- Expectation from SKIM project: implementing a KM strategy and procedures, sharing MEL experience
The outcomes of the IFAD funded SKiM project are achieved through the synergic efforts of the implementing partners and collaborating organizations. Special thanks to the Governments of Moldova, Morocco, Sudan and all supporting Ministries and Representatives.

SKiM Partners

Agricultural Research Corporation (ARC) – Sudan, Central Coordination Unit for IFAD Projects in Sudan (CCU-IFAD), Consolidated IFAD Programme Implementation Unit (CPIU-IFAD), Ecole Nationale D’Agriculture de Meknes (ENA-Meknes), Knowledge Access in Rural Interconnected Areas Network (KariaNet), Institut Agronomique et Vétérinaire (IAV) «Hassan II», Institutul pentru Dezvoltare și Inițiative Sociale (IDIS) «Viitorul», Institut de Recherche au Service du Développement Agricole (INRA), Office National du Conseil Agricole (ONCA), Research institute of Field Crops «Selectia», State Agriarian University of Moldova (SAUM), Sudanese Knowledge Society (SKS), University of Khartoum (UofK)