

Best practices for FAIR, ethical, and open data assets

Project Title: P1536 - IFPRI Cross-Cutting Module 1

Description of the innovation: This is a five-module course structure around the data life cycle, and intended to provide data, information, IT, IP/legal specialists, and researchers with background knowledge on the importance of FAIR (Findable, Accessible, Interoperable, Reusable), ethical, and open data assets -- and the tools to enable them to operationalize easily. Course participants will need to sign in (free) to view or take the course.

New Innovation: No

Stage of innovation: Stage 1: discovery/proof of concept (PC - end of research phase)

Innovation type: Research and Communication Methodologies and Tools

Geographic Scope: Global

Number of individual improved lines/varieties: <Not Applicable>

Description of Stage reached: The course modules have been drafted, revised, and input provided by a team of volunteer data and information specialists across CGIAR. The course will be interactive, to be uploaded for delivery via the TechChange platform. Course participants will need to sign in (free) to view or take the course.

Name of lead organization/entity to take innovation to this stage: IFPRI - International Food Policy Research Institute

Names of top five contributing organizations/entities to this stage:

- CTA - The Technical Centre for Agricultural and Rural Cooperation
- Bioversity (Alliance) - Alliance of Bioversity and CIAT - Headquarter (Bioversity International)
- FAO - Food and Agriculture Organization of the United Nations
- WUR - Wageningen University and Research Centre
- CIMMYT - Centro Internacional de Mejoramiento de Maíz y Trigo / International Maize and Wheat Improvement Center

Milestones:

- 1.2.6. Key quality datasets with well-annotated metadata published in institutional repository in 2019.
- 1.2.8. Enhance data discoverability through improved metadata, using text mining and machine learning methodologies; also tested for ontologies development, for data quality and/or searchability.

Sub-IDs:

- 45 - Increased capacity for innovations in partner research organizations
- 43 - Enhanced institutional capacity of partner research organizations
- 44 - Enhanced individual capacity in partner research organizations through training and exchange

Contributing Centers/PPA partners:

- IFPRI - International Food Policy Research Institute

Evidence link:

- <https://bigdata-cgiar.course.tc/catalog/course/fair>

Deliverables associated:

- D19860 - Draft course on best practices for FAIR, ethical, and open data assets (https://drive.google.com/drive/u/1/folders/1qobb_8ltyroDo3l-FSivHRRqqoujSv5f)

Contributing CRPs/Platforms:

- BigData - Platform for Big Data in Agriculture