

19th Review Conference

Open Data

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Open Knowledge Management

data access research use

ontologies evidence practice linked data information

policy communication accessibility

Better research, better policies, better outcomes for individuals and communities



information + data

+

communication



increased knowledge



better decision making



Copyright: ILRI

- RUFORUM Collaboration
- GODAN
- GACS
- ISC

RUFORUM Collaboration



**University of Nairobi – access and use
CAB Abstracts and CABI Compendia**



Open access to research information and data is essential for food security, sustainable agriculture and nutrition



Global Open Data for Agriculture and Nutrition

www.GODAN.info

Data anyone can access, use and share

Open Data must:

- be accessible, which usually means published on the web
- be available in a machine-readable format
- have a licence that permits anyone to access, use and share it



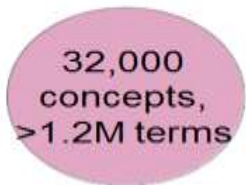


In partnership:

We each maintain a thesaurus of terms and concepts related to agriculture -- concepts like ***rice***, ***ricefield aquaculture***, and ***plant pests***

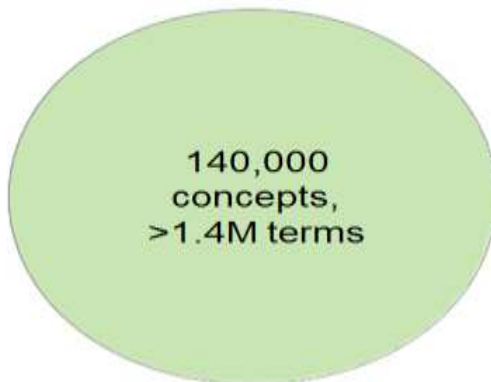
Working together we can build a tool to support open and linked data in agriculture and nutrition

AGROVOC



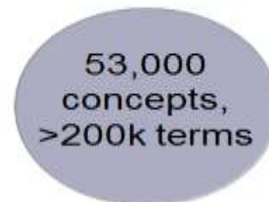
English, Spanish,
Portuguese, German,
Czech, Persian, Polish,
Hindi, French, Italian,
Russian, Japanese,
Hungarian, Chinese,
Slovak, Thai, Lao, Turkish,
Korean, Arabic, Telugu ...

CAB Thesaurus



English, Spanish,
Portuguese, Dutch
+ many languages with
lower coverage

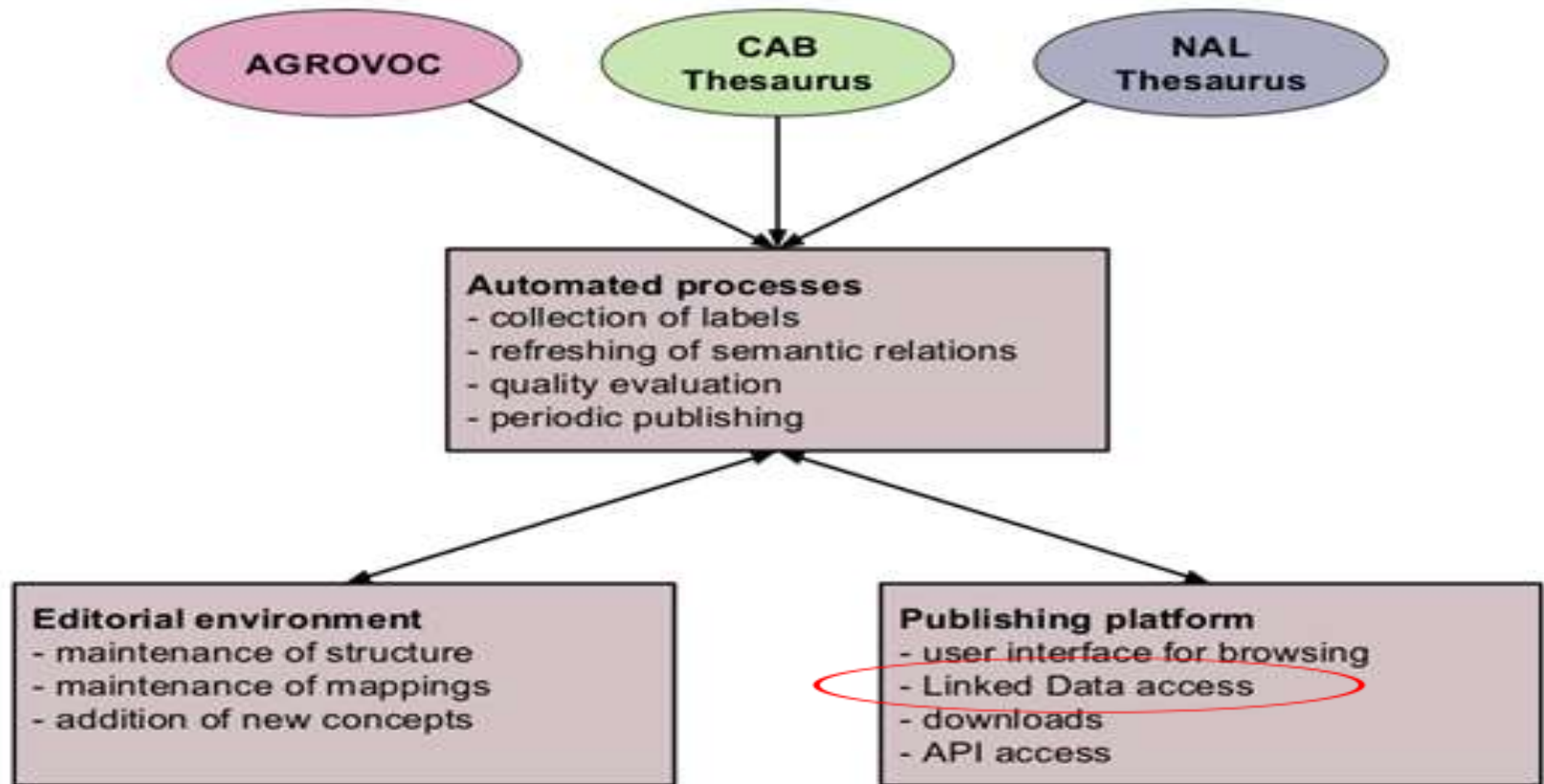
NAL Thesaurus



English, Spanish

All thesauri represented using SKOS

GACS System Infrastructure





Invasive Species Compendium

Inception Workshop, November 2006



Development Consortium Members

- Australia: ACIAR
- Australia, Group Membership (CRCNPB, GRDC, HAL, IACRC)
- Canadian Food Inspection Agency
- Canadian Forest Service
- Canadian International Development Agency
- EU DGDEV / Caribbean Plant Protection Officers Group
- France: Ministère de l'écologie, de l'énergie, du développement durable et de la mer
- India, Ministry of Agriculture Malaysian Agricultural Research and Development Institute
- Mexico: Comisión Nacional para el Conocimiento y Uso de la Biodiversidad (CONABIO)
- Mexico, National Health, Safety and Quality Service for Agri-Food
- Monsanto
- Netherlands Ministry of Agriculture, Nature and Food Quality
- Secretariat of the Pacific Community
- Swiss Agency for Development and Cooperation
- Syngenta Crop Protection
- UK Department for Environment, Food and Rural Affairs (Defra)
- UK Department for International Development (DFID) / CABI / FARA
- US Agency for International Development
- USDA Agricultural Research Service
- USDA Animal and Plant Health Inspection Service
- USDA Foreign Agricultural Service
- USDA Forest Service
- USDA Invasive Species Coordination Program
- USDA Natural Resources Conservation Service
- USDA Rural Development
- USDOC NOAA's National Ocean Service
- USDOJ Fish and Wildlife Service