RHInnO and HRWeb

Customized management and global sharing of research for health information

Tanzania Study Visit

Dar es Salaam, 5-8 November 2012
RHInnO and HRWeb

Research for Health and Innovation Organiser

HRWeb
Common problems with management information systems

- Reliance on paper-based, manual systems
- Unlinked systems and databases
- Unreliable local servers
- Duplication and fragmentation of information
- Out-of-date information
- Lack of research governance
Leading to . . .

- Frustrated system users
- Time delays
- Mislaid or lost information
- Miscommunication
- Avoidable errors
COHRED web-based products

- Technical and technologically innovative – cloud computing
- Software-as-a-service (SaaS) model – software and data are hosted centrally in the “cloud” and are accessed through a web browser
- First SaaS products aimed at research and innovation in the life sciences, public health and development
- Premise: Essential research for health information should be readily available, secure, link people together with information and technology, and be easy-to-use
HRWeb

- Public web-based information and management platform
- Online community of people interested in building a global platform in a spirit of sharing information, in pursuit of « health for all »
- Provides rapid access to research information on governance, policies, research projects, publications, ethics reviews and more
- Institutions and governments can share projects with donors, researchers and the public
HRWeb facilitates:

- Dissemination and review of research results
- Transparency of research for health
- Use of evidence to inform policy and practice
- Building new partnerships
- Sharing of best practices
- Learning and collaboration within and across regions
- Cross-country comparisons
- Support to capacity building and joint learning
Downloadable graphs and charts

Search results
1997 results - Country: Tanzania

<table>
<thead>
<tr>
<th>Year</th>
<th>Title Of Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>A Pilot study to analyze the culture and identity of the urban poor in Dar es Salaam, Tanzania</td>
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<tr>
<td>2012</td>
<td>Assessing the impact of climate change on agricultural productivity in Tanzania</td>
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<tr>
<td>2012</td>
<td>Development of appropriate technologies for sustainable agriculture in Tanzania</td>
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<tr>
<td>2012</td>
<td>Effects of Habitat Fragmentation on Wildlife in the Eastern Arc Mountains of Tanzania</td>
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<tr>
<td>2012</td>
<td>Establishing the Age of the Loiyangalani Burial Site</td>
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<tr>
<td>2012</td>
<td>Evaluation of new and emerging approaches to improve health outcomes in Tanzania</td>
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<tr>
<td>2012</td>
<td>Exploring the role of entomological methods in disease control in Tanzania</td>
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<tr>
<td>2012</td>
<td>Food Security and Diversity for Livestock in Communities Surrounding the Ecosystem</td>
</tr>
<tr>
<td>2012</td>
<td>Financing housing for urban marginalized groups and potentials of microfinancing for sustainable slum restoration - the case of Dar es Salaam, Tanzania, with a special focus at the impact on residents' social networks</td>
</tr>
<tr>
<td>2012</td>
<td>Group cooperations and microsavings sustainability</td>
</tr>
<tr>
<td>2012</td>
<td>HemaHimba Linking Community Livelihood and Sustainable Biodiversity conservation around Mount Meru Ecosystem, Arusha</td>
</tr>
<tr>
<td>2012</td>
<td>Improving field diagnostic techniques for contagious bovine pleuropneumonia</td>
</tr>
</tbody>
</table>

Research projects per field of science - Top 10

- Population health sciences
- Clinical sciences
- Medical and health sciences
- Basic medical sciences
- Medical (health) economics
- Social sciences with relevance...
- Sociological sciences
- Sociology
- (health) economics
- Mental health

Disclaimer: 1627 out of 1997 projects answered this question
Downloadable graphs and charts
HRWeb front page
HRWeb components

Information Resources
Governance and Policies
Research Priorities
Research Projects
Key Institutions
Civil Society Organisations
Research Financing
Research Ethics Review

www.cohred.org
RHInnO modules

- RHInnO Calls – Call for proposals platform
- RHInnO Research – Research project registry
- RHInnO Ethics – Research ethics review platform
RHInnO Calls

• Web-based solution for institutions and networks that have a mandate to review and provide funding to research projects reviewed within the platform

• On-line management and communication between:
  – Researchers submitting research proposals for review
  – Institution/network administrators responsible for maintaining oversight and making decisions about the status of proposals
  – Reviewers enlisted by a funding institution or network to evaluate research proposal quality and make a recommendation for funding or not
RHInnO Calls – COSTECH example
RHInnO Calls – COSTECH example
RHInnO Research

• Information provided on research for health projects planned, in progress or fully implemented

• Provides key project information including:
  – Research title
  – Abstract
  – Principal and co-investigators
  – Study location (region/district)
  – Length of study
  – Institution supporting study
  – Budget information
RHInnO Research (continued)

• Can link to:
  − National research priorities
  − Research outcomes and outputs

• At click of a button, information can be converted into graphs and charts for easy reporting
RHInnO Research – Senegal MOH example
RHInnO Research – Senegal MOH example
### Résultats de la recherche

Total: 7 research projects | Vous avez cherché "Country: Senegal"

#### Projets de recherche

<table>
<thead>
<tr>
<th>Années</th>
<th>Where is conducted?</th>
<th>Intitulé de la recherche</th>
<th>Principal investigateur</th>
<th>Institution (promoteur)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2006</td>
<td>Benin, Ghana, Madagascar, Mali, Senegal</td>
<td>Mise en œuvre pilote du traitement préventif intermittent du paludisme chez le nourrisson dans trois districts ruraux au sud du Sénégal</td>
<td>Jean Ndiaye</td>
<td>Université Cheikh Anta Diop</td>
</tr>
<tr>
<td>2007</td>
<td>Senegal</td>
<td>Repeated treatment of recurrent uncomplicated Plasmodium falciparum malaria in Senegal with fixed-dose arteunatone plus amodiaquine versus fixed-dose artether plus lume/fenthrine: a randomised, controlled trial</td>
<td>Oumar Gayo</td>
<td>Université Cheikh Anta Diop</td>
</tr>
<tr>
<td>2005</td>
<td>Senegal</td>
<td>ASSESSMENT OF THE EFFECTIVENESS OF</td>
<td>DIALLO ALDOUMA</td>
<td>IRO HANN BP 1386 DAKAR</td>
</tr>
<tr>
<td>2010</td>
<td>Senegal</td>
<td>Efficacité et Tolerance des combinaisons artesunate-amodiaquine, artether-lume/fenthrine et Dihydro-artémisinine Pbdésoquiene pour le traitement du paludisme à Plasmodium falciparum non compliqué dans les sites de Pikine et Guédiawaye</td>
<td>Jean Ndiaye</td>
<td>Université Cheikh Anta Diop</td>
</tr>
</tbody>
</table>
RHInnO Ethics

- Web-based management of the research ethics review process
- Assesses progress on research ethics tasks
- Facilitates communication between:
  - Researchers submitting proposals for ethics review
  - Institution/network administrators overseeing the review process
  - Reviewers enlisted to provide professional input on the acceptance, revision, or non-acceptance of submitted research applications
RHInnO Ethics (continued)

• Platform for both national and institution levels

• Automates the review process, improving efficiency and accountability

• Avoids loss of submitted materials and delays in communication within and between Research Ethics Committees (RECs), administrators and researchers

• Improves cost effectiveness through strengthened capacity, processes and logistics
RHInnO Ethics – NIMR example
RHInnO + HRWeb

• RHInnO
  – Customization of research and innovation governance information occurs within RHInnO
  – Information deemed public by the user is mirrored in HRWeb
  – The process can occur simultaneously without additional or work or duplication

• HRWeb
  – Free of charge to registered users
  – Functions as a global information management platform
RHInnO + HRWeb advantage

• Through RHInnO – Institutions are able to customize their research information management needs according to the context in which they operate.

• Through HRWeb – Institutions can share information with partners the way they want.
RHInnO + HRWeb interface
RHInnO + HRWeb offer a web-based solution

- HRWeb and RHInnO are more than automated IT software tools
- The simultaneous and interlinked platforms have been designed by professionals who understand the research governance context
- These platforms offer a web-based solution for:
  - Providing the means to collect, store and process research for health information
  - Improving information flow and access
  - Strengthening management capacity
RHInnO + HRWeb

Questions?