CSTIS, Policy Making Body for National Research Information System in IRAN

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Outline

- Iran Scientific output, Review of SEMAT
- Information Policy
- Policy making for SEMAT
- Commission of Science and Technology Information System
- Research Information Documents and Standards
- Example outputs
What has been done

- Existing architectures of Pilots have been studied
- IRIF, Iranian Research Information Format for message format is finalized.
- Message hub is up and running.
- Data model is finalized (based on CERIF)
From CRIS2010 slides

Institutes

Managers
Policy makers
Researchers

People / Researchers / Managers

Report Generation

Information Collection

Information Access

SEMAT - First Phase

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SEMAT - CRIS 2010, Aalborg, Denmark

5
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National Information Policy

- Laws, standards, guidelines and directives
- To guarantee universal access to information
- To ensure information is developed, shared, distributed, accessed, and protected in a coordinated way.
- To pursue all kinds of activities (social, economic and political)
- To establish information-flows to the decision-making bodies
What should do / avoid

- Use as much as possible of existing data
- Data should be entered only once
- Data is collected during the life cycle of item.
- Data is validated by generating organization.
- The authority of mother organizations should be kept.
- Implement registration system for...
Events and Messages

- **Life cycle:**
  - Birth, register, process, change, delete, end

- **Events in life cycle**

- **Message in theses points (events)**

- **Standard message format**
Commission of Science and Technology Information System

- Only S&T Information
- Information Policy Making
- Developing Guidelines and standards
- Establishing S&T Information Registry
- Institutional Mapping:
  - Determine the job description for subsidiaries, units, committees and work groups
Research Information Documents

- Assigning the registrar
- Defining required meta-data
- Defining required citation indices
- Designing required security
- Defining Access levels
- Developing dissemination policies
- Identifying:
  - Theses and Dissertations, Journal articles, Conference papers, Research Projects (next)
National Registrar

- Organizing advisory board
- Developing standards / requirements
- Call for proposal
- Monitoring the performance
- National Announcement
- Selecting the National Registrar
Thesis / Dissertation Instructions (1)

- Collecting and registration:
  - Allocating unique ID to each single thesis/dissertation.
  - Submitting both paper and digital format to national registrar.

- Processing:
  - Indexing using controlled vocabulary and thesaurus.
  - Creating citation index.
Thesis / Dissertation Instructions (2)

- Providing abstracts
- Dissemination:
  - Presenting bibliographic information and abstract free of charge.
  - Providing downloadable full text for members including universities, research institute, as well as individuals; considering approved pricing in each case.
Journal Articles

• Collecting and registration:
  ◦ Publisher as the copyright owner
  ◦ Submitting a (digital version of) accepted peer reviewed article to national registrar

• Processing
  ◦ Indexing using controlled vocabulary and thesaurus
  ◦ Creating citation index.
  ◦ Providing citation analysis and related reports such as Impact Factor.
Journal Articles (2)

- Dissemination:
  - Presenting bibliographic information and abstract free of charge.
  - Providing downloadable full text for members including:
    - universities, research institute, and individuals
Conference Papers

- Conference selection criteria:
  - The articles should be peer reviewed
  - Accepted papers should be presented with question and answer session
  - There should be digital or printed proceeding for the conference.

- Collecting and registration:
  - Allocating ID to each single article, proceeding and conference.
Conference Papers

processing:
- Metadata should include:
  - Conference Information:
  - Title, Subject, Organizer, Date of the conference
  - Article Information:
  - Language
  - Type of presentation: Oral, poster, ...
  - Abstract, Abstract in second language
  - Index terms

Dissemination:
- Providing official website for each conference
- Presenting bibliographic information and abstract free of charge.
- Providing downloadable full text for members

6/25/12
CSTIS - CRIS 2012, Prague, Czech R. P., M. Merdani and O. Fatemi
Other Issues related to Information Policy

- Information Literacy
  - Developing a formal program to integrate information literacy skills
  - Elementary to higher education

- Open Access
  - Promoting open access in the country
  - Supports open access journals
Other Issues related to Information Policy

- **Webometrics**
  - Developing guideline for Academic/Research web sites
  - Defining customized evaluation criteria for web ranking

- **Library Standards**
  - Developing customized standard for academic libraries based on ALA standards and guidelines
Summary

• National Information Policy is part of infrastructure for R & D.
• Research registration systems are required for collecting information.
• Institutional mapping should be carefully done for more effective outcomes.
• CRIS + NIP = Success
Thank you for your attention

Comments, Suggestions, Questions?