Preserving Digital Publications

Gary McConne
Associate Director for Information Systems
National Agricultural Library

FAFLRT
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Genesis of Digital Preservation Effort

  
  – Identified major elements and requirements of a USDA digital publications preservation plan
  
  – *Framework for the Preservation of and Permanent Public Access to USDA Digital Publications*

National Steering Committee

- Oversee implementation of the *Framework for the Preservation of and Permanent Public Access to USDA Digital Publications*

- Explore Issues of:
  - Inventory and Life Cycle Management
  - Technical Requirements
  - User Access and Retrieval
Definition of Digital Publication

A data or information product prepared by the USDA in digital form intended to be disseminated to the public.
Sample USDA Digital Publication

• Welcome to the U.S. Department of Agriculture's science magazine, published monthly by the Agricultural Research Service and also available electronically.

• Click here to see table of contents for the June 2002 issue or here to view previous issues.

• For questions or comments, contact the Editor.

• Agricultural Research Magazine
  5601 Sunnyside Ave.
  Beltsville, MD 20705-5130

• Telephone (301) 504-1651 or (301) 504-1658.
Sample USDA Digital Publication

Keeping AMERICA'S Food & Agriculture SAFE

Secretary Ann M. Veneman and all USDA employees across the country extend our heartfelt condolences to all those impacted by the tragedies of September 11 and to the subsequent biological attacks. We honor the brave men and women who have put their lives on the line to protect and defend this great Nation.

To learn more about what USDA is doing or to reach sites related to America’s response, please use the following links:

- How USDA is Responding
- Informational Materials
- What You Can Do to Help
- Other Important Links
Key Issues Identified

- Managing Technology Over Time
- Metadata
- User Access
- Organizational Buy-In
- Operational Considerations
- Cost
Accomplishments

• Developed a survey instrument to identify digital publications produced by USDA. It was validated by a small-scale pilot project using the Economic Research Service as the pilot agency.
Accomplishments

• Produced a metadata conference for USDA staff. The goal was to educate USDA information producers, IT professionals, webmasters, librarians, and public affairs specialists on opportunities for using metadata to improve customer access to information resources and enhance long-term preservation and access to these materials for future customers.
Accomplishments

• Developed draft digital preservation guidelines for USDA agencies producing digital publications

• Guidelines were sent to the USDA OCIO for comment and ultimately, approval as Departmental policy

• It is anticipated that further guidelines will be developed
Challenges Still Ahead

• Continue to Get Organizational Buy-In
• Develop Technical Requirements
• Manage Technology Over Time
• Obtain Funding for Digital Publication Preservation
USDA, NAL and the OAIS
(Open Archival Information System)

• Investigate OAIS as possible model for application within USDA

• Look at OAIS as possible framework for NAL digital library, preservation and archiving efforts
NAL Digital Preservation and Archiving Prototype

OAIS: Open Archival Information System
Protocols, Standards & Policies

Current NAL Capability
Future NAL Capability
† LOCKSS: Lots of Copies Keep Stuff Safe

October 4, 2001
For more information:

National Agricultural Library
Preservation Office, Room 013
10301 Baltimore Avenue
Beltsville, MD 20705-2351

Telephone: (301) 504-6813
E-mail: preserve@nal.usda.gov
Web: www.nal.usda.gov/preserve