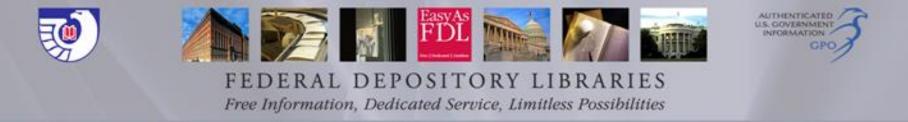# Metadata Initiatives at the GPO

Laurie Beyer Hall, Director
Library Technical Information Services
U.S. Government Printing Office

Before the CENDI Managers Group Meeting
January 6, 2009

Statutory Mandate for Cataloging/Indexing

- U.S. Code, Title 44, Public Printing and Documents directs the Superintendent of Documents to:
    - Publish a comprehensive index of Congressional and public documents from each executive department, independent agency and establishment of the Government (§1710)
    - Produce a "monthly catalog" of Government publications (§1711)
- Statute dates from 1895
- Statute positions GPO as the national cataloging authority for U.S. Government publications

Addressing Today's Metadata Challenges

GPO is:

- Employing flexible cataloging treatment options

- Exploring and experimenting with new methods of metadata creation

- Keeping abreast of developing cataloging and metadata standards

- Planning beyond the bibliographic record

Context of GPO's Bibliographic Control Practices

- Anglo-American Cataloging Rules – content standard used from its inception through its iterations to 2002 amendments to the rev. 2nd ed.

- MARC 21 Specifications for Record Structure, Character Sets, and Exchange Media - structural format used since its inception prior to format integration that characterizes MARC 21

- OCLC/WorldCat – Charter member, 1976 –

- Participant in LC's Program for Cooperative Cataloging – all branches – BIBCO, CONSER, NACO, & SACO
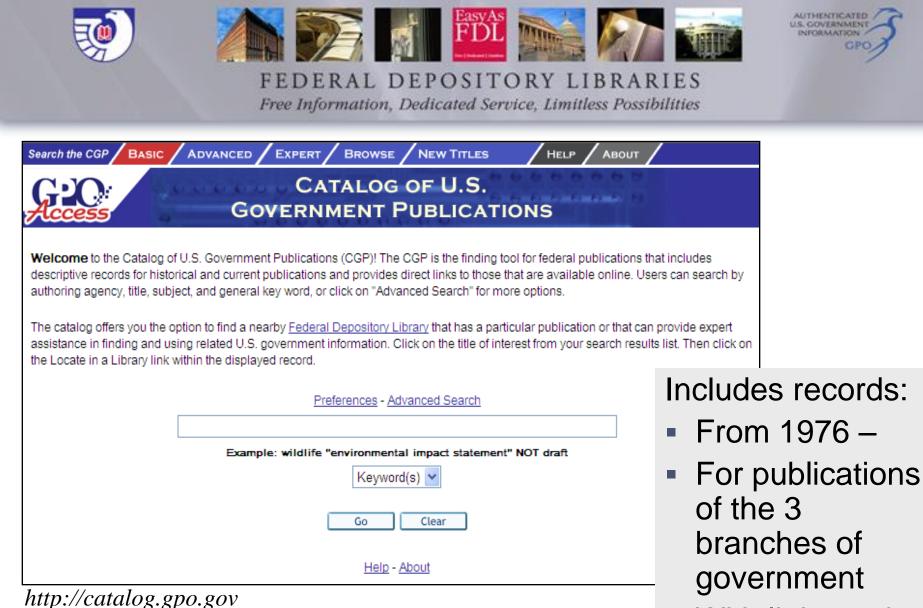
Bibliographic Record Treatments Employed

- Abridged records
- Brief records
- Full-level records

http://catalog.gpo.gov

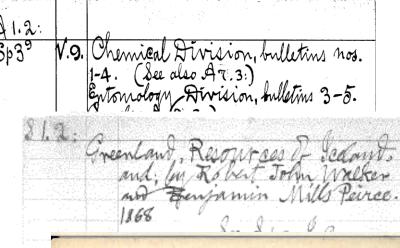Includes records:
- From 1976 –
- For publications of the 3 branches of government
- With links to the online full text

Shelf List Conversion Project

- Transcription service contract awarded to Progressive Technology Federal Systems
- 6000,000+ records dating from late 1860s
- Initial phase – 100,000 cards
- Scanned pre-1976 records will be the basis for brief MARC records
- Records will be loaded into the Catalog of U.S. Government Publications (CGP)

Automated Metadata Extraction Project

Project goal:

Determine the feasibility of creating cataloging records by using automated metadata extraction software, tools, and processes developed by Defense Technical Information Center (DTIC) in collaboration with Old Dominion University (ODU)

Feasibility Study & Exploratory Prototyping

- Two-year project
- Based on two sets of randomly selected publications
    - 1000 Web-harvested
    - 1000 monographs from GPO's collection
- GPO provided metadata requirements to ODU
- ODU is using a template-based approach
- Testing and Evaluation Plan being modified based on initial review of extracted metadata records
- Demonstration planned for this summer

GPO's Systems and Metadata

- Integrated library system (ILS) will store
  - Bibliographic metadata
- Federal Digital System (FDsys) will store
  - Technical metadata
  - Preservation metadata
- ILS and FDsys will exchange metadata
- Record exchange possibilities
  - Z 39.50 Gateway
  - Complete metadata packages

Questions or Comments?

Laurie Hall

lhall@gpo.gov