2009 AASG/USGS Geoscience Data Preservation Techniques Workshop

14 & 15 July 2009

Indiana University-Bloomington

Tuesday, July 14

7:45-8:30 Registration and Breakfast
Frangipani Room (mezzanine level), Indiana Memorial Union

8:30-8:45 Welcome, Logistics, and Introductions
- John Steinmetz, Indiana Geological Survey & AASG

Data Preservation Techniques: Physical Collections

8:45-9:00 The National Geological and Geophysical Data Preservation Program: Its origin, status, and future
- John Steinmetz, Indiana Geological Survey, and Frances Pierce, U.S. Geological Survey, Reston

9:00-9:15 Why hold a Workshop? Why here? Why now?
- Frances Pierce, U.S. Geological Survey, Reston, and John Steinmetz, Indiana Geological Survey

9:15-9:45 Best Practices in Policy and Management for Geological Sample Preservation and Metadata Standards
- Brian J. Buczkowski, U.S. Geological Survey, Woods Hole

9:45-10:15 Physical Collections: How to Create a Valuable National Resource
- Betty Adrian, U.S. Geological Survey, Denver

10:15-10:45 Illinois State Geological Survey Approach to Data Preservation
- Ronald Klass, Illinois State Geological Survey

10:45-11:15 Coffee break and posters

11:15-11:45 A Tale of Two Cities: Problems Related to Preserving Geological Samples and Data Generated by Public Works Projects
- Donald G. Mikulic, Illinois State Geological Survey, and Joanne Kluessendorf, Weis Earth Science Museum, University of Wisconsin-Fox Valley

11:45-12:15 Core Preservation and Consolidation Project Reclaims Wasted Shelf Space
- Gregory A. Schumacher, H. R. Collins Laboratory, Division of Geological Survey, Ohio Department of Natural Resources

12:15-12:45 Data rescue and recovery: A prototype project to unlock 100+ years of USGS data

- Brian Reece, U.S. Geological Survey, Austin

12:45-1:30 Lunch and posters

1:30-5:00 Afternoon fieldtrips

Group 1:

1:30-2:00	Load bus and travel
2:00-3:00	Tour ALF
3:00-3:30	Load bus and travel
3:30-4:30	Demos at IGS

Group 2:

1:30-2:00	Load bus and travel
2:00-3:00	Demos at IGS
3:00-3:30	Load and travel
3:30-4:30	Tour ALF
4:30-4:45	Load and travel

(Demos at IGS consist of CMIS and PDMS – ½ hour each)

4:45 Group photo (front steps of Indiana Geological Survey)

6:00 Hosted Dinner at Nick's English Hut, 423 E. Kirkwood Avenue; or on your own

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8:00-8:30 Breakfast

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8:30-8:45 Walk to Informatics West (just west of the Geology Bldg. on 10th & Woodlawn)

Digital Collections and Metadata

8:45-9:30 Cataloging Kentucky Core Materials for Discovery and Metadata Generation

- Jerry Weisenfluh and Patrick Gooding, Kentucky Geological Survey
  Live demo: The Kentucky Geological Survey uses Web search functions and internet maps to make geoscience data holdings available to the public. This demonstration will show various tools developed to facilitate data distribution and linkages between databases and online maps.

9:30-10:00 Implementation of OGC catalog service for the web

- Wolfgang Grunberg, Ryan C. Clark, and Stephen M. Richard, Arizona Geological Survey

10:00-10:15 Coffee break: catered

10:15-12:15 National Digital Catalog:

- Description and demonstrations
- Interfaces
- Metadata standards
- Controlled vocabularies and keywords
- Data input forms
- XML Mark-up language

- Sky Bristol, U.S. Geological Survey, Denver

12:15-12:30 Walk to Indiana Memorial Union

Frangipani Room (mezzanine level), Indiana Memorial Union

12:30-1:30 Lunch and posters

Data Preservation and Geoinformatics

1:30-2:00 The National Geologic Map Database (NGMDB)

- David R. Soller and Nancy R. Stamm, U.S. Geological Survey, Reston

2:00-2:30 The AASG-USGS Geoscience Information Network (GIN)

- M. Lee Allison, Arizona Geological Survey, Tucson, and Linda C. Gundersen, U.S. Geological Survey, Reston

Long-range planning: Plans, implementation strategies, demonstrations

2:30-3:00 Qualitative study of data preservation practices at State Geological Surveys

- Sarah Ramdeen, University of North Carolina, Chapel Hill

3:00-4:00 Lessons learned and Wrap-up

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Posters

Digital and Physical Preservation and Storage of Well Cutting Samples of the New York State Geological Survey

- Joseph Bamberger, New York State Geological Survey/New York State Museum, Albany

The Utah Core Research Center - Utah's Largest Collection of Well Cores and Cuttings for Petroleum Industry and Academic Research, Workshops, and Short Courses

- Michael D. Laine, Thomas Dempster, and Steve Bowman, Utah Geological Survey

Developing a catalog service profile for the US GIN network

- Stephen M. Richard, Wolfgang Grunberg, and Ryan C. Clark, Arizona Geological Survey

Alaska GMC Inventory Database: A plan for a web-based geologic sample library

- Susan Seitz and Lawrence K. Freeman, Alaska Division of Geological and Geophysical Surveys

Minnesota Geological Survey information systems

- Tim Wahl and Harvey Thorleifson, Minnesota Geological Survey