Photo album highlights of the

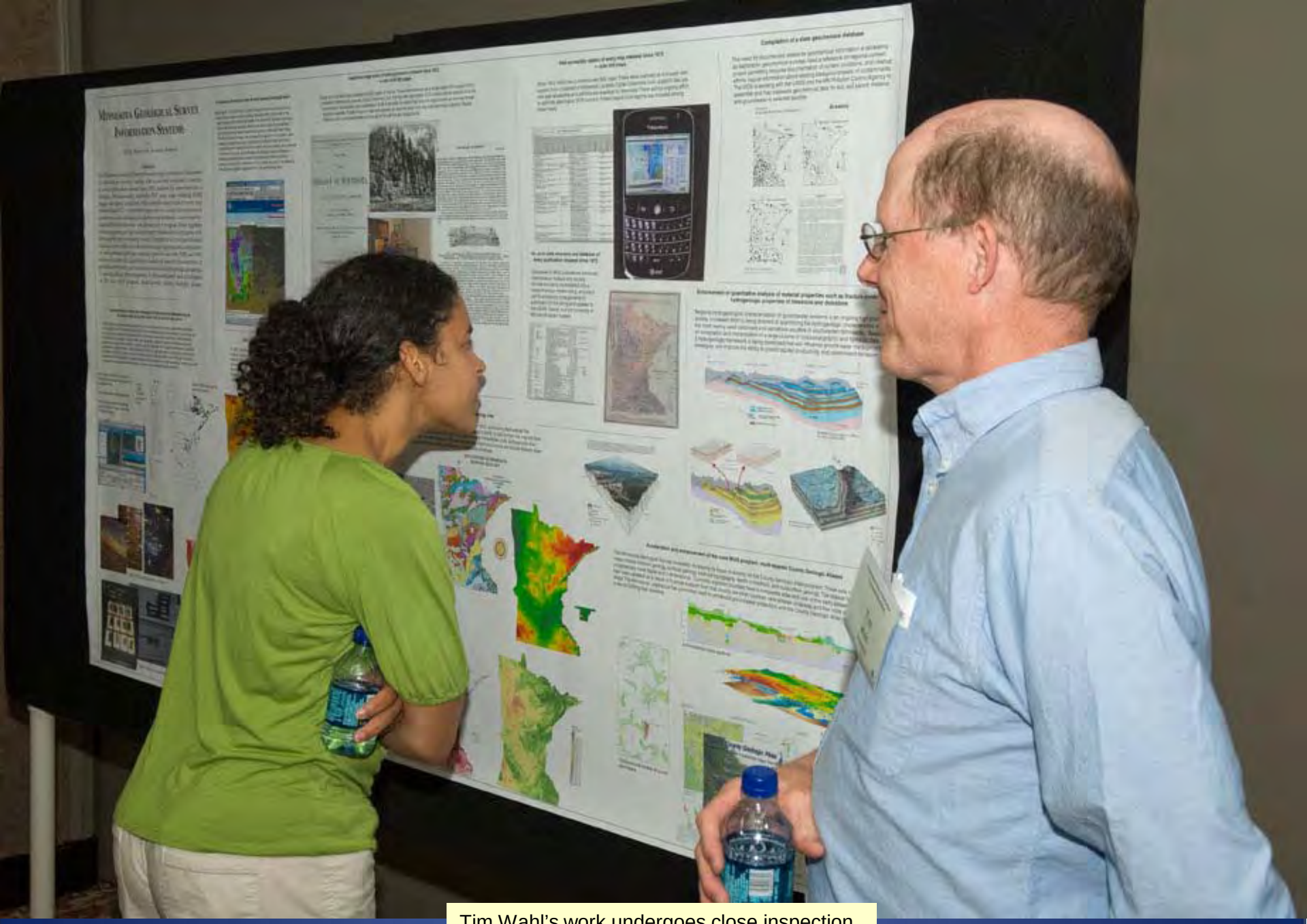
2009
AASG/USGS Geoscience Data Preservation Techniques Workshop

July 14 & 15
Indiana University
Bloomington

Co-hosts John Steinmetz (Indiana Geological Survey) and Frances Pierce (USGS) open the 2009 Workshop and review the agenda.

John Steinmetz (Indiana Geological Survey and Workshop co-host) will be the first speaker.

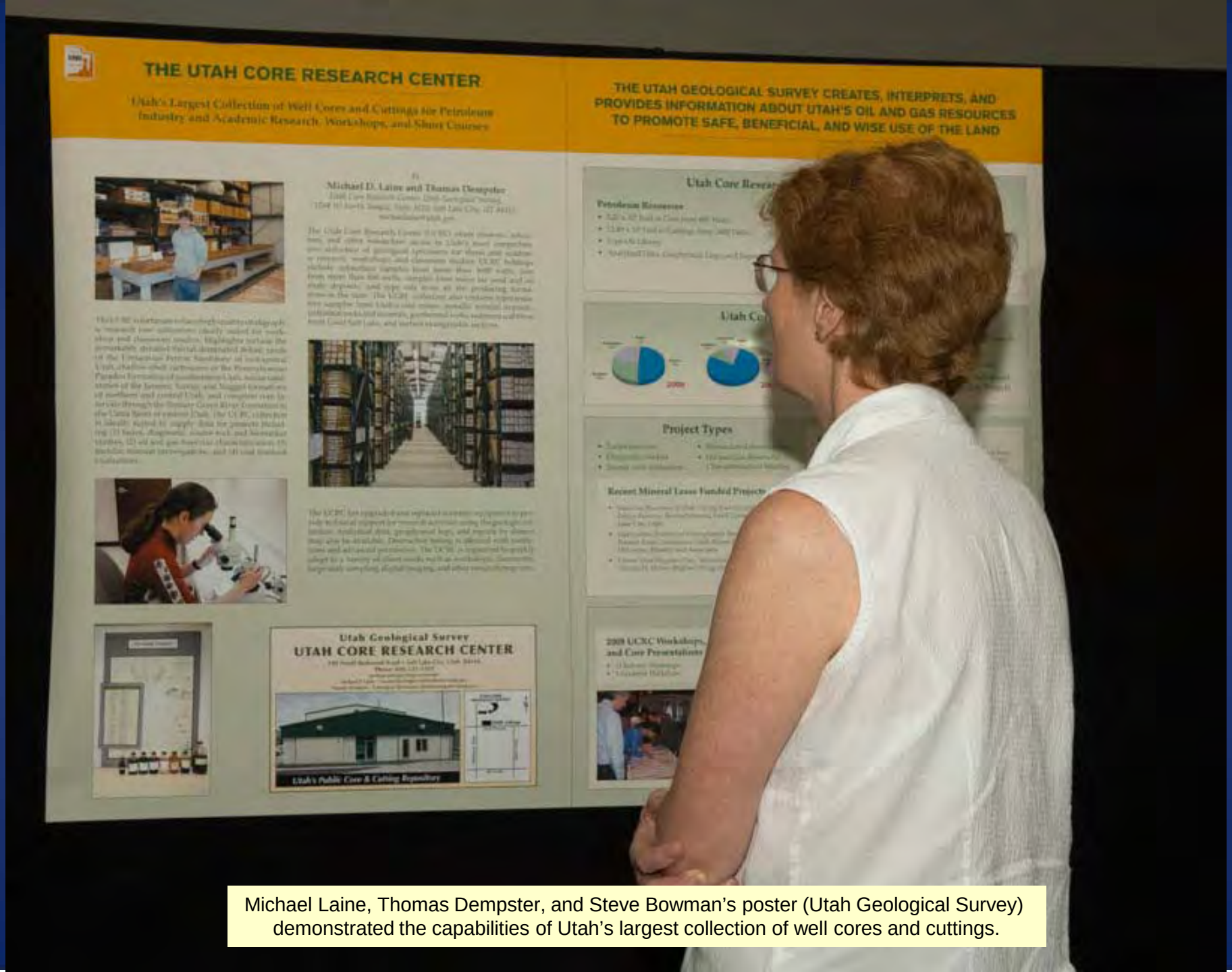
Tim Wahl (Minnesota Geological Survey) presents his poster co-authored with Harvey Thorleifson.



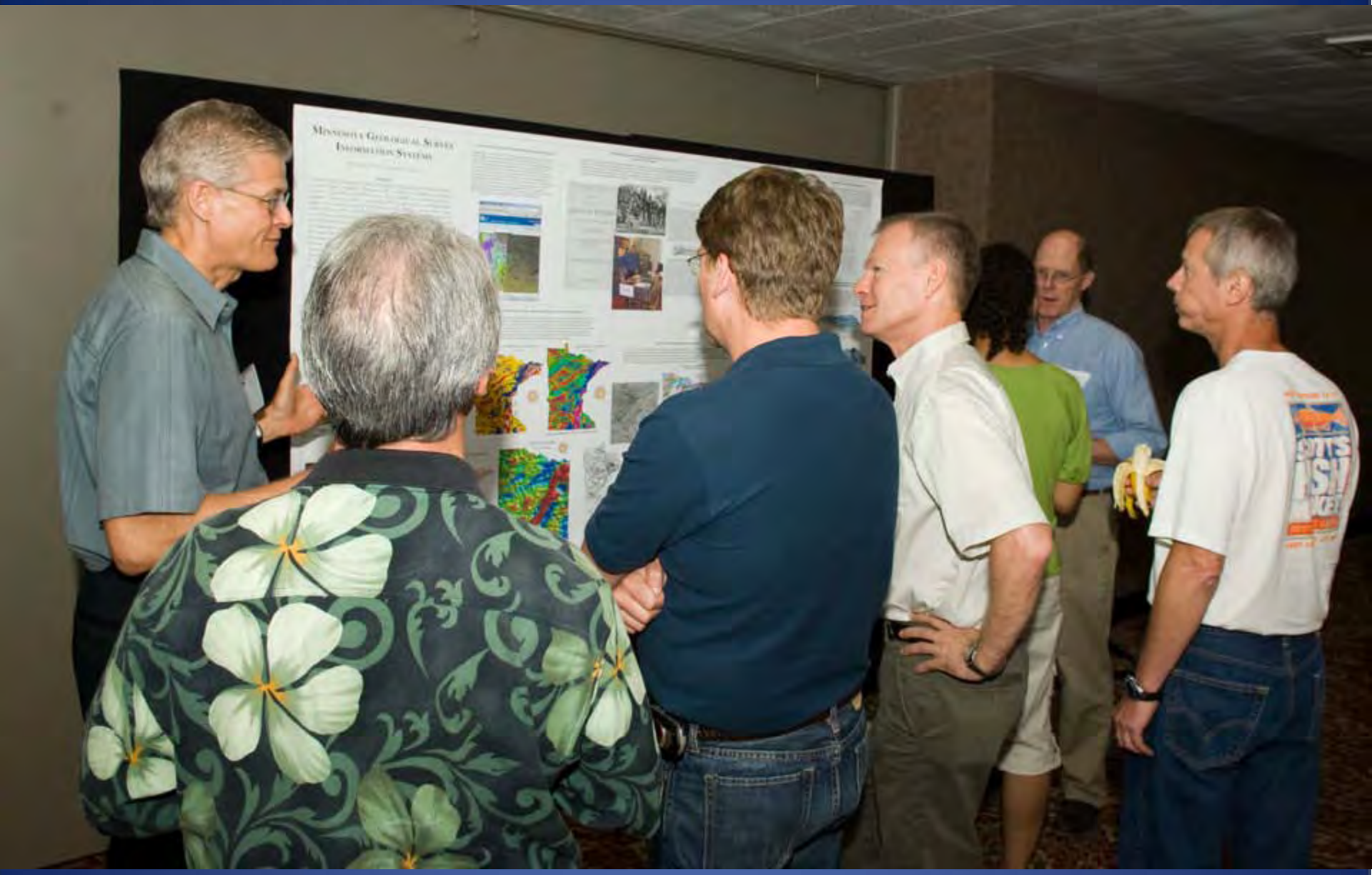
Tim Wahl's work undergoes close inspection.

Susan Seitz and Lawrence Freeman's poster (Alaska Division of Geological and Geophysical Surveys) receives attention.

Sandy Ebersole (Geological Survey of Alabama) questions Joseph Bamberger (New York State Geological Survey) about his poster demonstrating techniques being employed to repackage samples for long-term preservation and quicker access.



Michael Laine, Thomas Dempster, and Steve Bowman's poster (Utah Geological Survey) demonstrated the capabilities of Utah's largest collection of well cores and cuttings.



Harvey Thorleifson (Minnesota Geological Survey) makes a point to the crowd assembled at his poster co-authored with Tim Wahl (right, facing).

Field trip to the Ruth Lilly Auxiliary Library Facility, or the ALF, a near-off-campus repository for the preservation and long-term storage of low-use or rare and fragile library materials.

ALF technician demonstrates the process of receiving, cataloging, and bar-coding books to be stored. Volumes are sorted and stored by size (note colored sizing tray in foreground) to economize on space utilization. A sizable inventory of book cartons can be seen in the background.

Vaughn Nuest, Manager of the ALF, (plaid shirt) discusses how volumes are stored and retrieved in the “vault,” a secure, temperature-and-humidity-controlled facility. Each volume’s location within the vault is revealed by three bar codes, one each for the volume, tray, and shelf. A cherrypicker forklift (left) facilitates access to the upper levels of the shelving.

Resembling a scene from “Raiders of the Lost Ark,” the ALF’s vault holds approximately 2.8 million volumes. Any volume can be retrieved and delivered on-campus within one day.

Field trip to the Indiana Geological Survey (IGS).

IGS Preservation Specialist Elke Pessl (center) demonstrates how fragile, historic coal mine maps are carefully unfolded and flattened.

Elke Pessl demonstrates how a flattened mine map is stabilized. In this instance, she is applying acid-free rice paper to the back of a map.

Flattened maps are encapsulated in large acetate sleeves so they can be scanned and digitized.

IGS Petroleum Geologist Charly Zuppann (blue shirt, facing) demonstrates the concept of lithology strips, long card stock to which well cuttings are glued. Lithstrips facilitate the examination and correlation of the geology of numerous wells in quick succession.

Many have never seen a lithstrip before. The IGS has been systematically producing them for over 50 years. There are currently about 9,000 wells represented in the IGS lithstrip collection.

Jerry Weisenfluh (Kentucky Geological Survey) gives an interactive demonstration of the databases available at the KGS over the Web.

Attendees of the 2009 AASG/USGS Geoscience Data Preservation Techniques Workshop assembled on the front steps of the Indiana Geological Survey, Bloomington.