

DMT'26

Schedule:

Sunday, May 10, 1-4 pm -- Informal session to address various topics such as implementation of the GeMS geologic map schema and ADA requirements.

Monday, May 11, 8:30 am – 5 pm – Technical sessions and “Map Blast” (informal poster session)

Tuesday, May 12, 8:30 am – 5 pm – Technical sessions

Wednesday, May 13, 8:30 am – 12 pm – Informal discussion period.

Venue:

Hilton Garden Inn, Freeport, Maine

General Agenda:

"From field to publication and beyond -- Comparing and improving our workflows"

NOTE: The agenda follows the general format used in recent years (see DMT agendas and presentations at https://ngmdb.usgs.gov/Info/dmt/DMT_presentations.html#dmt25). In this format, we explore the range of technical and science challenges facing each of us, as our agencies create and publish geologic maps and reports, and then manage and disseminate that information. The full-day sessions on Monday and Tuesday will consist of presentations and both structured and informal discussion periods. The progression of agenda topics is provided below; for each, explanation and(or) examples are provided to stimulate thought and suggest topics for presentations.

As always, your participation is encouraged. Please contact Dave Soller (drsoller@usgs.gov) to offer an oral or poster presentation, or to express a willingness to co-moderate a discussion session.

(1) Fieldwork -- capturing data and observations

Presentation of examples of useful field systems -- software and(or) hardware.

(2) Creating the map and GIS data:

- Methods of digital cartography (historically, at the heart of DMT workshops)
- What is your workflow for:
 - - creating a single map and database, with output to GeMS?
 - - creating and managing a multi-map compilation?
- Is your workflow sufficiently stable to be documented, so that others might benefit?

- Especially regarding multi-map compilations, what is your approach to identifying, documenting, and (potentially) reconciling stratigraphic issues?
- Have you considering pooling your technical and scientific resources with other agencies?

(3) Creating and(or) managing ancillary data that's needed for making geologic maps:

For example, does your agency create or access databases for boreholes, water wells, downhole geophysics, geochronology, engineering properties? If so, how are the databases designed, and how does your agency use them?

(4) Preparing the map for publication

- What kind of peer review is conducted? For example, do you solicit scientists outside your group, do you hold field conferences, does peer review include a geologic names review?
- How to you conduct a "digital review" (i.e., to ensure the database is "correct")? Presentation of new methods for interactive, onscreen review are especially welcome.
- Throughout the overall map preparation workflow, do you maintain tight correspondence between map graphic and database? If so, how do you accomplish that?
- Methods of digital cartography.

(5) Publication

How does your agency manage and release maps and GIS? For example, is this done simultaneously in the same Series, or in separate Series, or is GIS not released?

(6) Post-publication

- - Examples of "enterprise", multi-map databases, to manage the map data for the long term.
- - Innovative presentation methods, especially those geared to the general public.
- - Evidence of user access to publications and data (e.g., analyzing Web usage logs).