



# West Virginia Geological and Economic Survey Colloquium Series

Presents

**Gayle (Scott) McColloch**

West Virginia Geological and Economic Survey

**Date and Time: Monday August 24, 2009 at Noon**

**Place: Large Conference Room behind Publication Sales**

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## The National Geologic Map Database – an Evolving Resource for Earth Scientists

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The screenshot shows a Mozilla Firefox browser window displaying the National Geologic Map Database website. The page title is "National Geologic Map Database -- Standards Development". The address bar shows the URL "http://ngmdb.usgs.gov/info/standards/index.html". The main content area is titled "Geologic Map Symbolization" and lists various standards and resources, including the FGDC standard, USGS Divisions of Geologic Time, and the International Commission on Stratigraphy. Below this, there is a section for "Geologic Map Database" which includes "DATABASE DESIGN" and "Other resources, forums". The "DATABASE DESIGN" section lists the NCGMP02 standard, National Park Service Geologic Resources Inventory, and the NADM Conceptual Model 1.0. The "Other resources, forums" section lists the International Data Model Working Group and the ESRI Geology Data Model. The "Older reports and resources" section lists various reports and documents related to the NGMDB project. At the bottom, there is a section for "SCIENCE TERMINOLOGIES" which lists the CGI Geoscience Concept Definitions working group, NGMDB vocabularies, and the SLTT report on progress to develop a North American Science-Language Standard for digital geologic-map databases.

The National Geologic Map Database Project (NGMDB) is a collaboration of the USGS and the Association of American State Geologists.

WVGES places its digital maps in the database as they are completed. Scott will take us on a tour through the web site, which has an enormous amount of useful information for those producing paper and digital geologic maps and databases.

Geologists, GIS specialists, cartographers, and programmers will find this information useful for their work.