

Memorandum

September 24, 2014

TO: Maryland Mapping Advisory Committee

Dr. David A. Vanko, Chairperson
Janet DeTore
Eric Dougherty
Amanda Moore
Ed Larrimore
Robert J. Shedlock
James B. Stribling
Marion Wiggins

FROM: Robert D. Conkwright
Maryland Geological Survey
(410) 554-5545
bob.conkwright@maryland.gov

SUBJECT: Minutes from the 2014 Maryland Mapping Advisory Committee Meeting

The 2014 annual meeting of the Maryland Mapping Advisory Committee was held at Maryland Geological Survey on September 23, 2014. The active Committee voting and non-voting member list is shown in Table 1.

1. Richard Ortt called the meeting to order at 1:00 pm, welcoming guests and asking Committee members to introduce themselves.
2. A presentation was given outlining recent and current Maryland Geological Survey (MGS) mapping projects and products.
 - a. Bob Conkwright described mapping projects along the Atlantic Coast, the Chesapeake Bay and the Piedmont-Western Maryland regions.
 - i. Atlantic seafloor mapping
 1. Chesapeake & Coastal Service (CCS): Substrate map of seafloor off Ocean City (completed June, 2014)
 2. BOEM: offshore data inventory (2014 - 2015)
 3. BOEM: seafloor maps in borrow areas (2015 - 2016)
 4. MD Energy Administration (MEA): Offshore wind energy bottom mapping (December, 2014)
 - ii. Chesapeake Bay mapping
 1. DNR: Bottom mapping for habitat management (2014 - onward)
 2. CCS: Anne Arundel, Baltimore County shoreline change and historic erosion rates (2014 - 2015)
 3. CCS: Anne Arundel, Baltimore County shoreline inventory assessment (2015 - 2016)

- iii. Piedmont/Western mapping
 1. Washington Suburban Sanitary Commission (WSSC): reservoir sediment accumulation surveys (2014 - 2015);
 2. American Rivers: sediment accumulation assessment prior to dam removal (2014-2015);
 3. Garrett County: Deep Creek Lake Circulation Study (completed June, 2014);
 4. Projects in development:
 - a. Piedmont fractured rock aquifer assessment
 - b. Structural assessment of Western MD natural gas areas
 - c. SHA: Geohazards mapping in karst and high-slope regions
 - b. David Brezinski presented details about mapping project in Western Maryland
 - i. STATEMAP/ State Highways Administration: Central/Western Maryland Projects (2013 - 2016)
 1. Hagerstown and Mason Dixon quadrangle geologic/karst maps (completed June, 2013);
 2. Clear Spring and Williamsport quadrangle geologic/karst maps (completed June, 2014);
 3. Geologic and karst quadrangle mapping in Maryland's Great Valley is complete (2009-2014);
 4. Report on karst hazards potential in the Great Valley is in preparation for SHA (2015);
 5. Geologic map of the Accident Quadrangle (2014-2015);
 6. STATEMAP 2015 proposal: Geologic maps of the McHenry and Sang Run quadrangles;
 - ii. SHA proposals:
 1. Karst Study of the Wakefield Marble, Fredrick County
 2. SHA proposal: Karst and geohazards quadrangle maps in Washington County, MD
 - c. Bob Conkwright wrapped up the presentation with a summary of future mapping goals, including
 - i. Making the complete MGS map inventory available on the Internet;
 - ii. Completing nearly-finished mapping projects to create digital maps;
 - iii. Compiling a statewide geodatabase of geologic features and a revised state geologic map.
3. A question-and-answer session followed the presentation, where Committee members discussed the projects and the need for future work. The Committee agreed a structural assessment of western Maryland natural gas fields and geohazards mapping are a priority for Maryland. The Committee suggested MGS develop proposal for:
 - a. Karst and landslide hazard maps in Maryland's mountainous regions, for consideration by SHA
 - b. Quadrangle-scale geologic mapping in Garrett county for natural resource assessment, for consideration by the National Cooperative Geologic Mapping Program
 4. Chairman Vanko requested voting members consider a letter to STATEMAP supporting the MGS geologic mapping efforts in the Garrett County. The Committee approved the motion and agreed to send this letter-of-support to the National Cooperative Geologic Mapping Program for FY 2015.
 5. The meeting adjourned at 3:30 pm.

6.

Table 1: Maryland Mapping Advisory Committee, September 2014

Voting Members:

Dr. David A. Vanko
(Chairperson GeoMAC Committee)
 Dean of the Jess & Mildred Fisher College of Science and Mathematics
 Towson University
 Towson, MD 21252-0001
 Phone 410-704-2121; Fax 410-704-2604
dvanko@towson.edu

Ms. Janet DeTore
 Hillis-Carnes Engineering Associates, Inc.
 Corporate Headquarters
 10975 Guilford Road, Suite A
 Annapolis Junction, Maryland 20701
 Phone 410-880-4788, ext 124
jdetore@hcea.com

Mr. Eric Dougherty
 Chief, Engineering Geology Division Office of Materials Technology
 Maryland State Highway Administration
 7450 Traffic Drive,
 Hanover, Maryland 21076
 Office toll-free: 866-926-8501 Desk: 443-572-5171; Fax: 410-787-0483 Cell: 443-695-0939
EDougherty@sha.state.md.us

Ms. Amanda Moore
 State Soil Scientist
 USDA/NRCS
 339 Busch's Frontage Road, Suite 301
 Annapolis, MD 21401-5534
 Phone 443-482-2913; Fax 410-757-0687
Amanda.Moore@md.usda.gov

C. Edmon (Ed) Larrimore
 Administrator, Mining Program
 Maryland Department of the Environment
 Montgomery Park Business Center,
 1800 Washington Blvd.,
 Baltimore, MD 21230
ed.larrimore@maryland.gov
 (410) 537-3557

Mr. Robert J. Shedlock
 Deputy Director MD-DE-DC Water Science Center
 U.S. Geological Survey
 5522 Research Park Drive
 Baltimore, MD 21228
 Phone 443-498-5503; Fax 443-498-5510
rjshedlo@usgs.gov

Dr. James B. (Sam) Stribling
 Director, Aquatic Ecology Tetra Tech, Inc.
 10045 Red Run Blvd., Suite 110
 Owings Mills, MD 21117
 Phone 410-356-8993; Fax 410-356-9005
james.stribling@tetrattech.com

Ms. Marion Wiggins
 P.G. Senior Geologist
 Vulcan Materials Company
 875 Oxford Avenue
 Hanover, PA 17331
 Phone 717-637-7121 x498; Fax 717-637-1234
wigginsm@vmcmail.com

Non-Voting Members:

Richard A. Ortt, Jr.
 Director and State Geologist
 Maryland Geological Survey
 2300 St. Paul Street
 Baltimore, MD 21218
 Phone 410-554-5503; Fax 410-554-5502
richard.ortt@maryland.gov

Mr. David Bolton (ex officio; non-voting)
 Project Chief, Hydrogeology & Hydrology
 Maryland Geological Survey

Robert D. Conkwright, Jr. (non-voting)
 Project Chief, Coastal & Environmental GeoSciences
 Maryland Geological Survey

Maryland Geological Survey / Resource Assessment Service
2300 St. Paul St., Baltimore, MD 21218
(410) 554-5541

2300 St. Paul Street Baltimore, MD 21218 Phone 410-554-5561; Fax 410-554-5502 david.bolton@maryland.gov	2300 St. Paul Street Baltimore, MD 21218 Phone 410-554-5545; Fax 410-554-5502 bob.conkwright@maryland.gov
Mr. Jeff Halka (ex officio, non-voting) Emeritus Director & State Geologist Maryland Geological Survey 2300 St. Paul Street Baltimore, MD 21218 Phone 410-554-5503; Fax 410-554-5502 jeffrey.halka@maryland.gov	Dr. James Reger (ex officio; non-voting) Principal Geologist, Coastal and Environmental Geosciences (retired) Maryland Geological Survey 2300 St. Paul Street Baltimore MD 21218 regerj@comcast.net