

2018 Current Fiscal Year Report: National Cooperative Geologic Mapping Program

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1. Department or Agency Department of the Interior		2. Fiscal Year 2018	
3. Committee or Subcommittee National Cooperative Geologic Mapping Program		3b. GSA Committee No. 245	
4. Is this New During Fiscal Year? No	5. Current Charter 11/24/2017	6. Expected Renewal Date 11/24/2019	7. Expected Term Date
8a. Was Terminated During Fiscal Year? No	8b. Specific Termination Authority	8c. Actual Term Date	
9. Agency Recommendation for Next Fiscal Year Continue	10a. Legislation Req to Terminate? Not Applicable	10b. Legislation Pending? Not Applicable	
11. Establishment Authority Statutory (Congress Created)			
12. Specific Establishment Authority 43 U.S.C. 31a-h (Sec. 5, PL 102-285, 106 Stat. 166, 169, 5/18/92)	13. Effective Date 02/08/1993	14. Committee Type Continuing	14c. Presidential? No
15. Description of Committee Scientific Technical Program Advisory Board			
16a. Total Number of Reports	No Reports for this Fiscal Year		
17a. Open 1	17b. Closed 0	17c. Partially Closed 0	Other Activities 0
17d. Total 1			

Meetings and Dates

Purpose	Start	End
The NCGMP and NCGDPP Federal Advisory Committee will meet to hear updates on progress of the NCGMP towards fulfilling the purposes of the National Geologic Mapping Act of 1992, as well as updates on the NCGDPP towards fulfilling the purposes of the Energy Policy Act of 2005. The Committee, comprised of representatives from Federal agencies, State agencies, academic institutions, and private companies, shall advise the Director of the U.S. Geological Survey on planning and implementation of the geologic mapping and data preservation programs.	05/01/2018	05/02/2018

Number of Committee Meetings Listed: 1

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$6,692.31	\$7,000.00
18a(3). Personnel Pmts to Federal Staff	\$14,558.00	\$20,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$5,939.75	\$7,000.00
18b(2). Travel and Per Diem to Federal Members	\$1,670.89	\$8,000.00

18b(3). Travel and Per Diem to Federal Staff	\$1,814.86	\$6,000.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$0.00	\$0.00
18d. Total	\$30,675.81	\$48,000.00
19. Federal Staff Support Years (FTE)	0.15	0.15

20a. How does the Committee accomplish its purpose?

The Federal Advisory Committee for the National Cooperative Geologic Mapping Program meets to evaluate progress made towards fulfilling the Federal, State, and Educational components of the National Geologic Mapping Act (NGMA) as well as an evaluation of the progress of the National Geological and Geophysical Data Preservation Program (NGGDPP) as established by the NGGDPP Act of 2005 (Public Law 109–58).

20b. How does the Committee balance its membership?

The committee consists of the following: two USGS ex officio members (Chair/Vice Chair), four Federal ex-officio members, two State representatives, two private-sector representatives, and one academic representative, which is mandated by its law.

20c. How frequent and relevant are the Committee Meetings?

The committee meets at least annually. The Chair may call other meetings of the Advisory Committee as deemed appropriate. Meetings are called to improve coordination among Federal, State, academic, and private sector institutions involved in geologic mapping and the earth sciences.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

No other organization or group exists that provides the breadth of Federal, State, private-sector, and academic membership.

20e. Why is it necessary to close and/or partially closed committee meetings?

All meetings of the Advisory Committee are open unless otherwise specified.

21. Remarks

Extensive progress has been made in FY18 in accordance with these recommendations. The NCGMP/NGGDPP FAC met in May 2018 to discuss progress towards the NGGDPP 5-year plan, as well as progress on the NCGMP Strategic Implementation Plan, adoption of GeMS (a common geologic map data schema), responding to the 3DEEP initiative, updates on STATEMAP and EDMAP, updates on the annual Geologic Mapping Forum, and ongoing outreach efforts. 43 U.S.C. 31a-h (Sec. 5, PL 102-285, 106 Stat. 166, 169,

5/18/92) The National Geologic Mapping Act was reauthorized in March 2009 in Section 11001 of the Omnibus Public Land Management Act of 2009 (P.L. 111-11) and the National Geological and Geophysical Data Preservation Program (NGGDPP) as established by the NGGDPP Act of 2005 (Public Law 109–58).

Designated Federal Officer

John Brock NCGMP Program Coordinator

Committee Members	Start	End	Occupation	Member Designation
Brock, John	10/04/2009	10/04/2018	Program Coordinator, USGS, Designated Federal Officer	Regular Government Employee (RGE) Member
Gallagher, Kevin	10/01/2010	10/04/2018	Associate Director for Core Science Systems, Chair	Regular Government Employee (RGE) Member
Johnson, Aaron	01/18/2017	01/18/2022	Private Sector - Director, AIPG	Representative Member
Rogers, Mark	05/27/2016	05/27/2021	Professional Geologist / Consultant	Representative Member
Schmitt, James	01/18/2017	01/18/2022	Professor	Representative Member
Thorleifson, Leonard	01/18/2017	01/18/2022	Minnesota State Geologist	Representative Member
Wunsch, David	12/19/2013	12/19/2018	Director, Delaware Geological Survey	Representative Member

Number of Committee Members Listed: 7

Narrative Description

The Committee shall: Periodically review and critique the implementation plan prepared by the Secretary, acting through the Director of the U.S. Geological Survey (USGS) for the National Cooperative Geologic Mapping Program and the National Geological and Geophysical Data Preservation Program; review the scientific progress of the programs; and submit an annual report to the Secretary that evaluates the progress of the Federal, State, and University geologic mapping activities and evaluates the progress made toward fulfilling the purposes of the Act as well as an evaluation of the progress of the National Geological and Geophysical Data Preservation Program (NGGDPP) as established by the NGGDPP Act of 2005 (Public Law 109–58).

What are the most significant program outcomes associated with this committee?

Checked if Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements

Other

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

None

Unable to Determine

Under \$100,000

\$100,000 - \$500,000

\$500,001 - \$1,000,000

\$1,000,001 - \$5,000,000

\$5,000,001 - \$10,000,000

Over \$10,000,000

Cost Savings Other

Cost Savings Comments

NA

What is the approximate Number of recommendations produced by this committee for the life of the committee?

108

Number of Recommendations Comments

As of the previous year, the NCGMP/NGGDPP Federal Advisory Committee had conveyed 98 recommendations to the decision maker (Chair) of the committee. At the FY18 Annual Meeting, the Committee made an additional 10 recommendations: NCGMP Recommendations: 1. The NCGDPP should work toward demonstrating programmatic value to state agencies, users, to the scientific community at large. Explore new ways to demonstrate this through qualitative and quantitative means. 2. NCGMP and NCGDPP should consider undertaking a joint needs/benefits study to explore the return on investment for both programs. 3. The NCGDPP should dedicate some resources toward developing a strategy on national comprehensive databases of public geoscience data; look at national groundwater modeling network as an example of a focused, topical national-scale product that would resonate with stakeholders. 4. Consider another nationwide Data Preservation inventory; similar to the assessment that was done in 2007. 5. NCGMP should begin taking first steps (the beginning of a 3-5 year process) to implement the GeMS common data schema, ultimately requiring for all STATEMAP

deliverables down the road. Approach for adoption in STATEMAP should be gradual/phased and include resources for training in support of this transition. Consider for FEDMAP and EDMAP as well. Consider requiring for EDMAP in the very near term.6. Develop a status map to display a composite score depicting the available geologic data in a given area across the United States.7. Recommend USGS and AASG continue to work together on the annual Geologic Mapping Forum. Consider holding again in 2019 to continue the momentum from the inaugural session, but hold every other year going forward. Recommend offering Professional Development Hours (toward P.G. certification) for attendees. AIPG can assist.8. Recommend NCGMP work with AIPG on a column in The Professional Geologist (AIPG quarterly publication) detailing the status of geologic mapping in the United States. This could be the first step in justifying a larger study; step one - lay the groundwork with a column in TPG; step 2 - AIPG leadership follows on the column with a white paper on two themes (what the critical benefit is to the U.S., and what's the status of mapping right now); step 3 - this white paper becomes the basis for a push to do a nationwide study.9. NCGMP should develop a map depicting where funds are invested each year; this map should be widely distributed.10. NCGMP should develop clear guidance, and receive AASG concurrence, regarding STATEMAP funding for derivative products.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

75%

% of Recommendations Fully Implemented Comments

Not Applicable

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

25%

% of Recommendations Partially Implemented Comments

Not Applicable

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes No Not Applicable

Agency Feedback Comments

Feedback is provided at the next annual committee meeting.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

Action Comments

The agency (USGS) has no regulatory or legislative components.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

- Contact DFO
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

Access Comments

NA