

2009 Current Fiscal Year Report: U.S. Geological Survey (USGS)--Climate Change Science Program (CCSP) Committee for Synthesis and Assessment Product 1.2: Past Climate Variability and Change in the Arctic and at High La

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1. Department or Agency		2. Fiscal Year	
Department of the Interior		2009	
3. Committee or Subcommittee		3b. GSA Committee No.	
U.S. Geological Survey (USGS)--Climate Change Science Program (CCSP) Committee for Synthesis and Assessment Product 1.2: Past Climate Variability and Change in the Arctic and at High La		31939	
4. Is this New Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	05/24/2007	05/24/2009	03/20/2009
8a. Was Terminated During Fiscal Year?	8b. Specific Termination Authority		8c. Actual Term Date
Yes	5 U.S.C. Appendix		05/24/2009
9. Agency Recommendation for Next Fiscal Year	10a. Legislation Req to Terminate?		10b. Legislation Pending?
Terminate	No		
11. Establishment Authority Authorized by Law			
12. Specific Establishment Authority	13. Effective Date	14. Committee Type	14c. Presidential?
Pub. L. No. 101-606, Section 106, Global Change Research Act of 1990	11/16/1990	Ad hoc	No
15. Description of Committee Scientific Technical Program Advisory Board			
16a. Total Number of Reports 1			

16b. Report
Date Report Title

01/16/2009 Past Climate Variability and Change
in the Arctic and at High Latitudes

Number of Committee Reports Listed: 1

17a. 0 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 0
Open

Meetings and Dates

No Meetings

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$0.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$0.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$0.00	\$0.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$0.00	\$0.00
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	\$0.00	\$0.00
19. Federal Staff Support Years (FTE)	0.00	0.00

**20a. How does the Committee accomplish its
purpose?**

The primary function of the committee is to
synthesize and assess the state of knowledge on

the topic of abrupt climate change and communicate this information to the U.S. Geological Survey. Committee members will meet and discuss issues relating to the study design, research methodology, data sources and quality, and study findings. The committee will draft a report that will serve as the CCSP definitive document on current knowledge pertaining to the topic of the paleoclimate record of the high latitudes. The issue is complex and global in extent and the primary knowledge base for this field currently resides within the academic sector. Accordingly, the FACA committee will be composed primarily of non-Federal scientists. Federal scientists will be entrained as contributing authors and/or reviewers as the development of this S&A progresses

20b. How does the Committee balance its membership?

A prospectus was prepared for S&A 1.2: Past Climate Variability and Change in the Arctic and at High Latitudes by scientists at the USGS, NOAA, and DOE. Members of this committee have been selected based on their expertise on the subject matter and their willingness to serve. Attention was given to providing a balanced membership by including scientists from different research disciplines who are experts in their respective fields and whose expertise will be required to address the topic of S&A 1.2 comprehensively.

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

Estimated Number of Meetings per Year - 2
Estimated Total Meetings - 3

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

A periodic synthesis and assessment of the cumulative knowledge associated with a scientific topic is a critical tool for research planning and policy formulation. The Climate Change Science Program (CCSP), a consortium of federal agencies performing climate science, has established a synthesis and assessment (S&A) program as a part of its Strategic Plan. There are 21 S&A products to be administered by 13 federal agencies over a 5 year period. The U.S. Geological Survey, a participant in the CCSP, is responsible for 3 S&A products. S&A Product 1.2: Past Climate Variability and Change in the Arctic and at High Latitudes is the subject of this proposed federal advisory committee.

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

n/a

21. Remarks

This FAC will terminate after their report has been published and all congressional briefings have been completed. This will occur within two years of the creation of this committee.

Designated Federal Officer

Joan J. Fitzpatrick Earth Surface Dynamics Program

Committee Members	Start	End	Occupation	Member Designation
Alley, Richard	06/27/2007	06/27/2009	Professor of Geosciences	Special Government Employee (SGE) Member
Brigham-Grette, Julie	06/27/2007	06/27/2009	Professor of Geosciences	Special Government Employee (SGE) Member
Miller, Gifford	06/27/2007	06/27/2009	Professor of Geological Sciences	Special Government Employee (SGE) Member

			Faculty /	Special
			Staff Ohio	Government
Polyak, Leonid	06/27/2007	06/27/2009	State	Employee
			University	(SGE) Member

Number of Committee Members Listed: 4

Narrative Description

The USGS serves the Nation by providing reliable scientific information to 1. describe and understand the Earth; 2. minimize loss of life and property from natural disasters; 3. manage its water, biological, energy, and mineral resources; and 4. enhance and protect the quality of life. It is the primary science agency of the Department of the Interior. The USGS carries out its research and activities at multiple levels including: global, National, regional, State, and local. Because the USGS encompasses numerous natural science disciplines, it is possible for the bureau to bring physical plus biological science to natural resource management problems. The aggregation of this information provides a national perspective on the landscape of the country, from understanding processes deep beneath the Earth's surface to preserving habitat for threatened and endangered species. As the science Bureau of the Department of the Interior, the USGS participates in the interagency Climate Change Science Program, a primary goal for which is the creation of 21 synthesis reports on topics related to climate change. The purpose of these reports is to provide policymakers with an assessment of the best available science on the chosen topic. The USGS has Lead Agency responsibility for the production of SAP 1.2, a synthesis of what is known about the past climate history of the Arctic. By producing this report, this committee supports the Bureau's mission as the science Bureau of the Agency and the strategic plan of the CCSP.

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 | <input checked="" type="checkbox"/> |
| Effective grant making | <input type="checkbox"/> |
| Improved service delivery | <input type="checkbox"/> |
| Increased customer satisfaction | <input type="checkbox"/> |
| Implementation of laws or regulatory requirements | <input type="checkbox"/> |
| Other | <input type="checkbox"/> |

Outcome Comments

NA

What are the cost savings associated with this committee?

Checked if Applies

- | | |
|----------------------------|--------------------------|
| None | <input type="checkbox"/> |
| Unable to Determine | <input type="checkbox"/> |
| Under \$100,000 | <input type="checkbox"/> |
| \$100,000 - \$500,000 | <input type="checkbox"/> |
| \$500,001 - \$1,000,000 | <input type="checkbox"/> |
| \$1,000,001 - \$5,000,000 | <input type="checkbox"/> |
| \$5,000,001 - \$10,000,000 | <input type="checkbox"/> |
| Over \$10,000,000 | <input type="checkbox"/> |
| Cost Savings Other | <input type="checkbox"/> |

Cost Savings Comments

The academic members of the FAC for CCSP SAP 1.2 have volunteered their time to produce and coordinate this report. Were the federal government required to pay the salaries of federal employees to produce this report, it would require the cost equivalent of 4 GS-15 salaries for approximately six months.

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

0

Number of Recommendations Comments

The report and its recommendations are scheduled for completion in November, 2008.

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

0%

% of Recommendations Fully Implemented Comments

The report and its recommendations are scheduled for completion in November, 2008.

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

0%

% of Recommendations Partially Implemented Comments

The report and its recommendations are scheduled for completion in November, 2008.

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

Yes ☐ No ☒ Not Applicable ☐

Agency Feedback Comments

The report and its recommendations are scheduled for completion in November, 2008.

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

Checked if Applies

Reorganized Priorities	<input type="checkbox"/>
Reallocated resources	<input type="checkbox"/>
Issued new regulation	<input type="checkbox"/>
Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

The report and its recommendations are scheduled for completion in November, 2008.

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	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Access Comments

CCSP SAP Website