

Supporting Statement for Paperwork Reduction Act Submission

National Spatial Data Infrastructure - Cooperative Agreements Program (NSDI CAP)

**OMB Control Number: 1028-NEW
Expiration Date: TBD**

Terms of Clearance: None

A. Justification

- 1. Explain the circumstances that make the collection of information necessary. Identify any legal or administrative requirements that necessitate the collection. Attach a copy of the appropriate section of each statute and regulation mandating or authorizing the collection of information.**

The Office of Management and Budget (OMB) established the Federal Geographic Data Committee (FGDC) in 1990 and rechartered the committee in its August 2002 revision of Circular A-16, "Coordination of Geographic Information and Related Spatial Data Activities." The FGDC is a 19 member interagency committee composed of representatives from the Executive Office of the President, and Cabinet level and independent Federal agencies. The Secretary of the Department of the Interior chairs the FGDC, with the Deputy Director for Management, Office of Management and Budget (OMB) as Vice-Chair. Numerous stakeholder organizations participate in FGDC activities representing the interests of state and local government, industry, and professional organizations.

The National Spatial Data Infrastructure Cooperative Agreements Program (NSDI CAP) is an annual program sponsored by the FGDC via the U.S. Geological Survey (USGS) to assist the geospatial data community through funding and other resources in implementing the components of the NSDI. The program is open to State, local and tribal governments, academia, commercial, and non-profit organizations and provides small seed grants to initiate sustainable on-going NSDI implementations. The program emphasizes partnerships, collaboration and the leveraging of geospatial resources in achieving its goals. Since the funding level is limited, organizations must compete to be awarded funds.

Beginning in 2004 the FGDC, Geospatial One-Stop and the USGS National Map programs jointly sponsored the CAP program. These three programs are national geospatial programs with Federal leadership that share the common goal of building the NSDI. The objective is to develop a model incentives program that will encourage other Federal programs to take advantage of partnerships, leverage resources and provide a more efficient process for applicants.

The authority for the program is listed in Section 6 of Executive Order 12906 of April 11, 1994.

Sec. 6. Partnerships for Data Acquisition. The Secretary, under the auspices of the FGDC, and within 9 months of the date of this order, shall develop ,to

the extent permitted by law, strategies for maximizing cooperative participatory efforts with State, local, and tribal governments, the private sector, and other nonfederal organizations to share costs and improve efficiencies of acquiring geospatial data consistent with this order.

Circular A-16 - http://www.whitehouse.gov/omb/circulars/a016/a016_rev.html
Executive Order 12906 - <http://govinfo.library.unt.edu/npr/library/direct/orders/20fa.html>

2. Indicate how, by whom, and for what purpose the information is to be used. Except for a new collection, indicate the actual use the agency has made of the information received from the current collection. [Be specific. If this collection is a form or a questionnaire, every question needs to be justified.]

CAP grants have and continue to play a substantial role in promoting and disseminating the tenets of the NSDI to thousands of SDI advocates and practitioners. To date, the NSDI CAP awards have created collaborations at all levels of government, developed an understanding of geospatial information in organizations and disciplines new to the NSDI, provided seed money to enable geospatial organizations to participate in the national effort to implement the NSDI, promoted the development of standardized metadata in hundreds of organizations, and funded numerous implementations of OGC Web Mapping Services and Web Feature Services.

The NSDI CAP will use Standard Forms: 424 Application for Federal Assistance; 424A Budget Information Non-Construction Programs; and 424B Assurances Non-Construction Programs. Applicants will submit proposals for funding in response to Notices of Funding Availability (NOFA) that we publish on Grants.gov and our program web pages. Applicants submit a proposal through Grants.gov. We collect the following information under each (NOFA):

- (1) The project narrative including the primary investigator's contact information, applicant organization, collaborating organizations, a short description of the project, the project scope, the technical approach, the skills and capabilities of the applicant, the commitment to the effort, and the organizational and managerial capacity.
- (2) Proposed budget breakdown that provides detailed information about how the funds will be utilized.
- (3) Letters of support and/or commitment that are used to demonstrate the project's viability.
- (4) Complete Standard Forms 424, 424a, and 424b

The information collected above ensures that sufficient and relevant information is available to evaluate and select proposals for funding. A panel of technical experts will review each proposal to assess how well the proposed project addresses the requirements and priorities identified in the program's authorizing legislation.

All awards granted under this program have a maximum reporting requirement of a

final technical report (performance report and copies of all deliverables) and final financial statements due at the end of the performance period.

3. Describe whether, and to what extent, the collection of information involves the use of automated, electronic, mechanical, or other technological collection techniques or other forms of information technology; e.g., permitting electronic submission of responses, and the basis for the decision for adopting this means of collection. Also describe any consideration of using information technology to reduce burden [and specifically how this collection meets GPEA requirements].

All application instructions and forms are available on the Internet for completion and printing of forms by the public. Applicants submit a proposal electronically through Grants.gov.

4. Describe efforts to identify duplication. Show specifically why any similar information already available cannot be used or modified for use for the purposes described in Item 2 above.

Due to the unique nature of this program and authorizing legislation no other Federal agency collects this information. No duplication will occur.

5. If the collection of information impacts small businesses or other small entities, describe the methods used to minimize burden.

We have made efforts to keep the amount of information requested to a minimum for all of our applicants. The information has to be sufficient to fulfill the requirements of the authorizing statutes, as well as sufficient to make a competitive funding decision. We do not believe the amount of information requested will have a significant impact on small entities, as they will be providing the minimum amount of information needed to compete for financial assistance under these programs.

6. Describe the consequence to Federal program or policy activities if the collection is not conducted or is conducted less frequently, as well as any technical or legal obstacles to reducing burden.

Failure to collect the information or collecting it or less frequently would prevent the Federal Geographic Data Committee (FGDC) from fulfilling responsibilities of this program.

7. Explain any special circumstances that would cause an information collection to be conducted in a manner:

- * **requiring respondents to report information to the agency more often than quarterly;**
- * **requiring respondents to prepare a written response to a collection of information in fewer than 30 days after receipt of it;**
- * **requiring respondents to submit more than an original and two copies of any document;**

- * requiring respondents to retain records, other than health, medical, government contract, grant-in-aid, or tax records, for more than three years;
- * in connection with a statistical survey, that is not designed to produce valid and reliable results that can be generalized to the universe of study;
- * requiring the use of a statistical data classification that has not been reviewed and approved by OMB;
- * that includes a pledge of confidentiality that is not supported by authority established in statute or regulation, that is not supported by disclosure and data security policies that are consistent with the pledge, or which unnecessarily impedes sharing of data with other agencies for compatible confidential use; or
- * requiring respondents to submit proprietary trade secrets, or other confidential information unless the agency can demonstrate that it has instituted procedures to protect the information's confidentiality to the extent permitted by law.

There are no circumstances that require us to collect the information in a manner inconsistent with OMB guidelines.

8. If applicable, provide a copy and identify the date and page number of publication in the Federal Register of the agency's notice, required by 5 CFR 1320.8(d), soliciting comments on the information collection prior to submission to OMB. Summarize public comments received in response to that notice [and in response to the PRA statement associated with the collection over the past three years] and describe actions taken by the agency in response to these comments. Specifically address comments received on cost and hour burden.

Describe efforts to consult with persons outside the agency to obtain their views on the availability of data, frequency of collection, the clarity of instructions and recordkeeping, disclosure, or reporting format (if any), and on the data elements to be recorded, disclosed, or reported. [Please list the names, titles, addresses, and phone numbers of persons contacted.]

Consultation with representatives of those from whom information is to be obtained or those who must compile records should occur at least once every 3 years — even if the collection of information activity is the same as in prior periods. There may be circumstances that may preclude consultation in a specific situation. These circumstances should be explained.

As required in 5 CFR 1320.8(d), the USGS published a 60-day notice in the Federal Register on November 21, 2007 (Volume 72 FR 65592). We solicited public comments for 60 days, ending on January 22, 2008. We did not receive any comments in response to this notice.

In addition to our Federal Register Notice, we solicited comments from several potential applicants about the clarity of instruction, the annual hour burden for the

application materials and the interim and final reports. The respondents said that the application was clearly written and that the instructions were very helpful. The respondents estimated the hour burden for the application from 16-44 hours. We believe that this variance results from the time it took them gather information they need to prepare the narrative, write the narrative, and the time that it takes to receive supporting feedback (i.e. peer-reviews and letters of support). Based on these results we adjusted our estimated burden time by averaging the times reported by the reviewers. The estimated burden to complete the proposal process is now approximately 25 hours. The names and address of the people we contacted are listed in Table 1 below.

Table 1. Individuals Contacted Outside the Agency

<p>Chaowei Phil Yang, Director Joint Center for Intelligent Spatial Computing (CISC) College of Science, George Mason University Fairfax, VA 22030-4444 Phone: 703-993-4742 Email: cyang3@gmu.edu</p>	<p>Susan K. Wooden, Technical Writer and Editor Towson University Center for GIS 8000 York Road Towson, MD 21252-0001 Phone: 410-704-5297 Email: swooden@towson.edu</p>
<p>Christopher Cialek, GIS Clearinghouse Supervisor Land Management Information Center Minnesota Department of Administration 300 Centennial Office Building 658 Cedar Street St. Paul, MN 55155 Phone: 651-201-2481 Email: chris.cialek@state.mn.us</p>	<p>Jeff Harrison, President and CEO Carbon Project 25 Mall Road, Suite 300 Burlington, MA 01803 Phone: 703-491-9543 Email: jharrison@thecarbonproject.com</p>

9. Explain any decision to provide any payment or gift to respondents, other than remuneration of contractors or grantees.

We do not provide any payments or gifts are other than the remuneration of grantees. The grantees receive on average \$42,000 per award.

10. Describe any assurance of confidentiality provided to respondents and the basis for the assurance in statute, regulation, or agency policy.

No assurance of confidentiality is given to respondents.

11. Provide additional justification for any questions of a sensitive nature, such as sexual behavior and attitudes, religious beliefs, and other matters that are commonly considered private. This justification should include the reasons why the agency considers the questions necessary, the specific uses to be made of the information, the explanation to be given to persons from whom the information is requested, and any steps to be taken to obtain their consent.

NSDI CAP proposal does not ask information of a sensitive nature.

12. Provide estimates of the hour burden of the collection of information. The statement should:

- * **Indicate the number of respondents, frequency of response, annual hour burden, and an explanation of how the burden was estimated. Unless directed to do so, agencies should not conduct special surveys to obtain information on which to base hour burden**

estimates. Consultation with a sample (fewer than 10) of potential respondents is desirable. If the hour burden on respondents is expected to vary widely because of differences in activity, size, or complexity, show the range of estimated hour burden, and explain the reasons for the variance. Generally, estimates should not include burden hours for customary and usual business practices.

- * If this request for approval covers more than one form, provide separate hour burden estimates for each form and aggregate the hour burdens.**
- * Provide estimates of annualized cost to respondents for the hour burdens for collections of information, identifying and using appropriate wage rate categories. The cost of contracting out or paying outside parties for information collection activities should not be included here. Instead, this cost should be included in Item 14.**

Our estimates are based on our own knowledge plus the outreach described in item 8. We expect to receive approximately 80 applications, taking each applicant approximately 25 hours to complete, totaling 2,000 burden hours. We anticipate awarding an average of 25 grants per year. The 25 award recipients are required to submit 2 reports: an interim 6 months after the start of the project and a final report on or before 90 working days after the expiration of the agreement. We estimate that it will take approximately 5 hours to complete and submit the reports totaling 250 hours. Therefore, the annual burden for report preparation is 250 hours. We estimate that the total burden for this collection will be 2,250 hours.

Table 2. Estimated annual hour burden of the collection of information

Activity	Number of Annual Applications	Estimated Completion Time per Applicant	Total Annual Burden Hours
Narrative Preparation	80	25 hours	2000
Interim and Final Reports (25 grantees x 2 reports)	50	5 hours	250
TOTAL	130		2,250

We estimate the dollar value of the annual burden hours to be \$73,497.00 (see Table 3) based on the National Compensation Survey: Occupational Wages in the United States June 2007 published by the Bureau of Labor Standards Occupation and Wages, June 2007 (<http://www.bls.gov/oes/current/oes193092.htm>) and benefits multipliers from the BLS news release December 11, 2007 - USDL 07-1883. The particular values utilized are:

- Individuals. Average hourly wage is \$19.29 multiplied by 1.4 to account for benefits (\$27.01).
- Private sector. Average hourly wage is \$18.56 multiplied by 1.4 to account

- for benefits (\$25.98).
- States/tribal/local governments. Average hourly wage is \$23.99 multiplied by 1.5 to account for benefits (\$35.99).

Table 3. Estimated Dollar Value of Annual Burden Hours

Activity	Annual Number of Applicants	Estimated Completion Time per Applicant	Total Annual Burden Hours	Dollar Value of Burden Hour Including Benefits	Total Dollar Value of Annual Burden Hours *
Narrative Preparation					
Individuals	1	25 hours	25	\$27.01	\$675.00
Private Sector	25	25 hours	625	\$25.98	\$16,238.00
State					
Local/Tribal Gov.	54	25 hours	1350	35.99	\$48,587.00
SUBTOTAL	80		2000		\$65,500.25
Interim and Final Reports (25 grantees x 2 reports)					
Private Sector	20	5 hours	100	\$25.98	\$2,598.00
State					
Local/Tribal Gov.	30	5 hours	150	\$35.99	\$5,399.00
SUBTOTAL	50		250		\$7,997.00
TOTAL	130		2,250		\$73,497.00

* **Note:** Total dollar value of burden hours are rounded to agree with figures generated in ROCIS.

13. Provide an estimate of the total annual [non-hour] cost burden to respondents or recordkeepers resulting from the collection of information. (Do not include the cost of any hour burden shown in Items 12 and 14).

There is no non-hour cost burden to applicants under this collection. There is no fee for application, nor any fees associated with application requirements.

14. Provide estimates of annualized cost to the Federal government. Also, provide a description of the method used to estimate cost, which should include quantification of hours, operational expenses (such as equipment, overhead, printing, and support staff), and any other

expense that would not have been incurred without this collection of information. Agencies also may aggregate cost estimates from Items 12, 13, and 14 in a single table.

The total estimated cost to the Federal Government for processing and reviewing proposals and reviewing reports as a result of this collection of information is \$34,748.02. This includes hourly wages and benefits. Table 4 below shows Federal staff and grade levels performing various tasks associated with this information collection. We used the Office of Personnel Management Salary Table 2008-DCB (<http://www.opm.gov/oca/08tables/html/dcb.asp>) to determine the hourly wages. We multiplied the hourly wage by 1.5 to account for benefits (from the BLS news release December 11, 2007 - USDL 07-1883).

Grants Specialist will provide assistance applicants when help is requested, download the applications, and provide the applications to the NSDI CAP Coordinator. The NSDI CAP Coordinator will complete the application initial review process to consider the completeness of documentation, basic eligibility. Six subject matter specialists will evaluate the remaining proposals. Each proposal is evaluated and scored using narrative evaluation factors. Finally, the slate of selected proposals will be submitted to the senior leadership for final approval.

Table 4. Annual Cost to the Federal Government

Action	Number of Proposals	Position	Grade/ Step	Hourly Rate	Hourly Rate incl. benefits (1.5 x hourly pay rate)	Estimated Time per Proposal	Est. Cost per proposal	Annual Cost
Process Proposals	80	Grants Specialist	GS-12/5	\$37.89	\$56.84	.25 hour	\$13.83	\$1106.40
Review Proposals	80	NSDI CAP Coordinator	GS-13/5	\$45.05	\$67.58	.5 hour	\$33.79	\$2703.20
Review Proposals in each Category	12	Subject Matter Specialist #1	GS-13/5	\$45.05	\$67.58	3 hours	\$202.74	\$2432.88
	10	Subject Matter Specialist #2	GS-14/5	\$53.24	\$79.86	3 hours	\$239.58	\$2395.58
	16	Subject Matter Specialist #3	GS-13/5	\$45.05	\$67.58	3 hours	\$202.74	\$3243.84
	14	Subject Matter Specialist #4	GS-13/5	\$45.05	\$67.58	3 hours	\$202.74	\$2838.36
	16	Subject Matter Specialist #5	GS-13/5	\$45.05	\$67.58	3 hours	\$202.74	\$3243.84

	12	Subject Matter Specialist #6	GS-14/5	\$53.24	\$79.86	3 hours	\$239.58	\$2874.96
Subtotal								\$20,839.06

Action	Number of Proposals	Position	Grade/Step	Hourly Rate	Hourly Rate incl. benefits (1.5 x hourly pay rate)	Estimated Time per Proposal	Est. Cost per proposal	Annual Cost
Review Interim and Final Reports	50	NSDI CAP Coordinator	GS-13/5	\$45.05	\$67.58	2 hours	\$135.16	\$6758.00
	8	Subject Matter Specialist #1	GS-13/5	\$45.05	\$67.58	2 hours	\$135.16	\$1,081.28
	8	Subject Matter Specialist #2	GS-14/5	\$53.24	\$79.86	2 hours	\$159.72	\$1,277.76
	16	Subject Matter Specialist #3	GS-13/5	\$45.05	\$67.58	2 hours	\$135.16	\$2,162.56
	2	Subject Matter Specialist #4	GS-13/5	\$45.05	\$67.58	2 hours	\$135.16	\$270.32
	8	Subject Matter Specialist #5	GS-13/5	\$45.05	\$67.58	2 hours	\$135.16	\$1081.28
	8	Subject Matter Specialist #6	GS-14/5	\$53.24	\$79.86	2 hours	\$159.72	\$1277.76
Subtotal								\$13,908.96
Total Annual Estimated Cost to the Federal Government								\$34,748.02

15. Explain the reasons for any program changes or adjustments.

This is a new request.

16. For collections of information whose results will be published, outline plans for tabulation and publication. Address any complex analytical techniques that will be used. Provide the time schedule for the entire project, including beginning and ending dates of the

collection of information, completion of report, publication dates, and other actions.

We will maintain data on proposals and resulting grant awards in a database. We will publish a list of selected projects, the amount of funding, and a description of each project on the FGDC website at <http://www.fgdc.gov/grants>.

17. If seeking approval to not display the expiration date for OMB approval of the information collection, explain the reasons that display would be inappropriate.

Not applicable. We will display the expiration date.

18. Explain each exception to the certification statement "Certification for Paperwork Reduction Act Submissions".

There are no exceptions to the certification statement.