

The following document can be used as a reference only.

[You must click here to get the complete announcement and attachments from the U.S. National Spatial Data Infrastructure Cooperative Agreements Program \(NSDI CAP\)](#)

2008 NSDI CAP Category 4: Joint Canadian and United States Spatial Data Infrastructure Project

A. Scope

(1) General Description: GeoConnections Canada and the United States Federal Geographic Data Committee (FGDC) are pleased to release a sixth joint request for proposals for a Canada-U.S.A spatial data infrastructure project. Applications of digital geospatial data vary greatly, but users have a recurring need for access to common themes of data. Spatial data infrastructures are built upon basic information content, and the technical, operational, and business contexts by which they operate.

The FGDC Secretariat and GeoConnections are co-sponsoring a joint project for the development of regional applications that increase the access and use of distributed geospatial data content. This regional application will cover a piece of geography including both Canada and the U.S., and will enhance further understanding of the complexities, challenges, and effort required in utilizing spatial data infrastructures and distributed data to address a common issue between the two countries.

This category advances the capacity of communities to create and use geospatial data. **Projects funded under these categories will deal with a common priority issue that results in increased information sharing while making available new content and services online.** The projects will also demonstrate collaborative approaches and decision-support in solving community issues utilizing distributed data (thematic and framework) and through the use or refinement of existing FGDC, GeoConnections, and International standards. Projects will establish a collaborative process that provides different kinds of organizations and disciplines with the ability to integrate and share geospatial data publicly.

(2) In the U.S. applications are open to State or local government, commercial, academic, non-profit, and Native American Tribal governments and organizations. In Canada applications are open to Canadian organizations (commercial, academic and nonprofit), federal (special funding case please refer to section D item 2) and provincial/territorial government agencies, local communities and Aboriginal Communities (First Nations, Métis and Inuit).

(3) One project will be funded under this year's CAP.

(4) Category 4 proposals must demonstrate collaboration between organizations in the U.S. and Canada. **Please note that under this FY 2008 CAP, applicant organizations may submit only one proposal package in this category. Previous Joint U.S. and Canadian Demonstration Project award recipients are not eligible.**

B. References

Applicants can find information on spatial data infrastructures through the GeoConnections and FGDC web sites (<http://www.geoconnections.org/> and <http://www.fgdc.gov/>). In particular, applicants should familiarize themselves with the following reference sources:

(1) U.S. Sources:

- Federal Geographic Data Committee web site <http://www.fgdc.gov/>
- *Framework Introduction and Guide*, FGDC 1997
- http://www.fgdc.gov/framework/handbook/index_html

(2) **Canadian Sources:** All the following sources of information can be found through the GeoConnections web site at <http://www.geoconnections.org> (in the Key Documents and Developers' Library sections).

- *CGDI Target Vision and Implementation Plan; Vision: Better knowledge for better decisions*, Sep. 2005
- *CGDI Target Vision and Implementation Plan; Architecture: Architecture Description Version 2.0*, Sep. 2005
- *GeoBase* (<http://www.geobase.ca/>)
- *GeoConnections Discovery Portal* (<http://geodiscover.cgdi.ca>)
- *A Developers' Guide to the CGDI: Developing and publishing geographic information, data and associated services*, Feb. 2004
- *CGDI online training*, Aug. 2004
- *Integrated Approaches to Community Awareness - Defining Regional Atlas*, Apr. 30 2007
- *User Needs Analysis*, Mar. 26 2007
- *User Centric Design*, Mar. 26 2007
- <http://www.geoconnections.org/en/communities/developers/standards>

C. Project Goal

The goal of this project is to stimulate cross-border cooperation over a geographic area through the use of connected, distributed data and services. This project will use methods for building regional spatial data infrastructure applications and increasing the sharing of distributed geospatial data, suggest topics for future research and development, and provide guidance on policies and practices for the establishment of an operational spatial data infrastructure between the U.S. and Canada.

Projects that involve cross-border regional collaboration within the following themes will be preferred:

- Public Safety and Security: Situational Awareness and Management of Consequence; and Critical Infrastructure Identification;
- Aboriginal and Native American peoples: Land and resource management or community planning.

Including one or both of the above themes, projects that involve cross border issues related to Public Safety and Security will be considered a priority. Issues related to Aboriginal and Native American peoples sharing a border in the South or in the North will also be preferred in priority.

D. Funding for Program: U.S./Canadian Support

(1) **U.S. funding support** for the project will be provided by the U.S. Geological Survey on behalf of the Federal Geographic Data Committee (FGDC). **A total of \$75,000.00** (U.S. Dollars) is available. This funding will be given to the lead U.S. organization, and the award document authorizing the funds will be separate from the Canadian agreement authorizing Canadian funds. The U.S. lead organization is required to comply with requirements described in Section IV.B in the Introduction.

(2) **Canadian funding support** for the project will be provided by the Natural Resources Canada, GeoConnections. In Canada, a contribution agreement is used to financially support the cost share project. For federal departments, an interdepartmental fund transfer will be used instead of a contribution agreement. **A total of \$80,000.00** (Canadian Dollars) is available. This funding will

be made to the lead Canadian organization and will be awarded by authorized representatives of Canada.

(3) Depending on the proposal merit, one joint project will be funded with each government issuing its own award document. This estimate does not bind the U.S. or Canada to a specified number of awards or to the amount of any award unless that amount is otherwise specified by statute or regulation. Payment will be made based on project Milestones. The final payment will represent at least 10% of the FGDC or GeoConnections share.

(4) Due to the joint bi-national scope of this project, the lead U.S. organization will bear responsibility to meet U.S.GS requirements and the lead Canadian organization will bear responsibility to meet GeoConnections requirements. Thus, two cost proposals are required for each Canadian/U.S. proposal, one for U.S. organization and one for the Canadian organization.

E. Participants Cost-Share

(1) The **U.S. applicants** must provide 100% matching funds in U.S. dollars from funds other than those received under this project from the U.S. Geological Survey.

(2) The **Canadian applicants** must provide 100% matching funds in Canadian dollars from funds other than those received under this project from the GeoConnections Program.

(3) These funds may be in the form of cash and/or in-kind contributions (materials, services, or personnel provided to the proposed project). Existing in-place equipment (unless primarily or exclusively used for the project) is not to be considered acceptable as an in-kind contribution. No geospatial data sets, whether existing or to be acquired, are considered acceptable as an in-kind contribution. Profit must not be included in the in-kind contribution. See Section IV. A. in the Introduction for more details and for in-kind match calculation.

F. Disbursement of Funding Support

Applicants must demonstrate that both a lead U.S. organization or agency and a lead Canadian organization or agency are involved in the project. Furthermore, each country's lead organization/agency is required to collaborate with another organization or agency in its respective country. Thus each application will have a minimum of four organizations or agencies—two from Canada and two from the U.S. Funding will be provided only to the lead organization in each country. They in turn, have the responsibility of dispensing the appropriate funds to their collaborating organization(s). Canadian funds are to be spent by Canadian participants and U.S. funds are to be spent by U.S. participants.

G. Eligibility Requirements

(1) Qualified applicants from among American and Canadian organizations include Federal (Canada only), State, Provincial/Territorial and local government agencies, educational or academic institutions, private sector/commercial firms, utilities, private foundations, not-for-profit organizations, and Native American tribes or Aboriginal (First Nations, Métis and Inuit) groups in the U.S. and Canada are invited under this Program Announcement.

(2) While proposals must demonstrate that at a minimum four (at least two Canadian and two U.S.) organizations are participating in the project, multi-sector partnerships are encouraged. As stated previously, a lead organization for the U.S. and a lead organization for Canada must be identified.

(3) The application must clearly define the tasks and responsibilities of each collaborative organization. An **Agreement of Participation** (Attachment I) is required of each organization participating. Each participating organization shall agree to contribute, in-kind or cash, to the project.

H. Unsuitable Applications

- (1) Applications will not be considered for projects not being sought under this Program Announcement. Though integral to many operations, data collection is not considered an appropriate activity for funding under this Program Announcement.
- (2) Applications are sought from U.S. and Canadian organizations. Applications from any other countries (other foreign governments, foreign citizens, educational institutions in foreign countries or firms located in foreign countries) will not be accepted. However, they may participate as a collaborator.
- (3) Proposals in which there is a real or an appearance of a conflict of interest will not be accepted.
- (4) Applications solely involving the direct procurement of a product or service will not be considered.
- (5) Applications that do not meet the requirement for participation/collaboration of other organizations will not be considered.

I. Period of Performance

The project will begin upon completion of the award documents on or about April 2008. All activities proposed must be completed on or before the end of the Canadian Government fiscal year March 31, 2009.

J. Reporting Requirements

Note that travel costs for project participants to attend the three meetings identified in the reporting requirements must be included in the cost proposals. The meeting locations are proposed by the applicant.

Listed below are the required reports, presentations, and other participatory involvement.

- (1) Initial Orientation meeting involving all key project participants, the GeoConnections representative and FGDC Secretariat (Travel by project participants may be required depending on meeting location as proposed by the applicant).
- (2) Milestone reports indicating project progress.
- (3) Interim progress review meeting, a face to face meeting is expected (Travel by project participants may be required depending on meeting location as proposed by the applicant); A beta online implementation of the project application should be completed at mid-term and demonstrated.
- (4) Final technical report of project activities that includes:
 - (a) Project summary;
 - (b) Project outcome;
 - (c) Recommendations for distributed thematic and framework data development;
 - (d) Assessment of project success;
 - (e) Plans for follow-on activities including outreach;
 - (f) Discussion about user-demand requirements for geospatial data in a national level spatial data infrastructure; and,
 - (g) Discussion about commonalities, issues, difficulties, and challenges (both technical and policy) that were encountered.
 - (h) Other mandatory deliverables related to technical and financial reporting will be requested upon agreement development with the winning applicants.

(5) Formal oral presentation of the Project (Travel by project participants may be required depending on meeting location as proposed by the applicant).

(6) End of Project meeting involving all key project participants, the GeoConnections representative and FGDC Secretariat (Travel by project participants may be required depending on meeting location as proposed by the applicant).

Submitted project reports will be posted on the FGDC Grants Web site, <http://www.fgdc.gov/grants>.

K. Publicity

It's important that project results receive wide dissemination to increase the base of knowledge and experience that can be shared throughout the profession and geospatial community. Organizations receiving an award are encouraged to publish the results of any work supported under this Program Announcement, without review by the FGDC or GeoConnections. However, publications or other written products resulting from the project must acknowledge the financial assistance of the FGDC or GeoConnections.

(1) Publication of project results is strongly encouraged;

(2) Formal oral presentation of the project (travel by project participants will be required, depending on meeting location as proposed by the applicants); and,

(3) Display the NSDI logo and GeoConnections logo on participating organizations home page and link to the Geospatial One Stop portal and GeoConnections Discovery Portal server if applicable to the project.

L. Award Terms and Conditions

(1) Awards made under this Program Announcement to the lead U.S. organization shall be administered in accordance with **Terms and Conditions** (Attachment A)

(2) Canadian funding support for the project will be provided by the Natural Resources Canada, GeoConnections Program. In Canada, the proponents will be paid by cheques to financially support the cost share project. For federal departments, an interdepartmental settlement transfer will be issued instead of cheque. A total of \$80,000.00 (Canadian Dollars) is available for the project. This funding will be made to the lead Canadian organization and will be awarded by authorized representatives of Canada.

M. Instructions for Preparing the Application

The application should be assembled in the following order listed below. (See V. Application and Submission Information)

(1) **Standard Form SF – 424 Application for Federal Assistance** (Applies to U.S. organizations only). The lead **U.S. organization** should prepare this attachment and should be signed by an individual authorized to commit the applicant. See Section V. Application and Submission Information, A. Proposal Forms.

In addition, the **U.S. organization** should provide a cost proposal that contains a breakdown of the total estimated project cost by individual milestones described in your Technical Proposal. This budget breakdown should show in-kind and grant funds, and what each organization is contributing or spending on each milestone. Please refer to Section V. Application and Submission Information, D. Budget Breakdown Attachment for further details.

(2) **Standard Form SF – 424A Budget Information – Non-Construction Program** (Applies to U.S. organizations only) The **U.S. organization** should prepare this document. See Section V. Application and Submission Information, B. Completing Proposal Forms.

(3) **Canadian Applicant Budget Information.** (Applies to Canadian organizations only) Preparation of the price proposal for **Canadian participants** - Please include sufficient funds to cover three travel requirements: (a) attendance at an initial program orientation meeting, (b) attendance at an interim progress review meeting, and (c) a formal oral presentation of project activities at the end of project at a location agreed upon between the FGDC/GeoConnections and the award recipient. This meeting location is to be proposed by the applicant.

Allowable Expenditures

The Recipient agrees that the contribution referred to in Section D (2), Canadian Funding Support, of this announcement will be applied to the allowable expenditures incurred in the course of conducting the project activities. The allowable expenditures are:

-direct costs of carrying out the project, including: labour (i.e.salaries, professional fees, temporary personnel costs) and overhead costs (i.e. rent, telecommunications, administrative fees) of carrying out the Project, information gathering,; travel to conduct the project (at rates negotiated with GeoConnections), project coordination and communications.

-administration of the project, including: administrative labor; liaison with project consultants, GeoConnections, FGDC; others partners; translation; printing and binding of project reports.

(a) **Method of Payment:** The pricing basis for the resultant contribution may be negotiated between GeoConnections and the selected Applicant. Negotiation of the pricing basis may be required normally in accordance with the requirements stated in the RFP.

(b) **Price Proposal:** The price proposal should contain a detailed breakdown of the total estimated project cost by individual milestones in a firm price bid and described in the Technical Proposal application. Please note that the project team cannot submit a price proposal based on average rates. Each project team member's workload has to be priced separately using appropriate costing procedures. The total of all project team member prices will be included in the proposed total estimated project cost.

(c) **Project Cost Breakdown:** This detailed total estimated project cost breakdown should address, as applicable, but not be limited to, each of the following:

(i) **Labor:** For the purposes of this announcement, labour costs represent the actual salaries paid to personnel. For in-kind contributions, labour also includes employee benefits up to a maximum of 20%. Each participating organization is required to explain how it calculates per diem rates. A typical way to calculate labour is to use the labour-rate formula: reasonable annual salary, plus reasonable overhead and benefits, divided by a reasonable number of billable days in a year. Labour rates must be exclusive of profit. In the case of government personnel, official labour rates approved by the government organization should be used.

(ii) **Other Direct Charges:**

- **Equipment/Software Rental.** Rental costs will be considered, if included in your price proposal. Purchase costs for equipment are not acceptable and will not be considered. Costs for software essential to the project will be considered. The original purchase price of the equipment or software as well as the number of years of useful life of the equipment or software should be provided with the price proposal. Equipment and software used in the day-to-day business of the organization are covered in the overhead in the labour rates and cannot therefore be considered as in-kind contributions. The costs for equipment/software should not exceed 25% of the total estimated project cost.

-**Training:** Training, as part of technology transfer activities, may form part of the total estimated project cost. It should not, however, exceed 15% of the total project cost. Training costs should be fully explained and justified in the project proposal.

- **Materials, Supplies, and Components:** Indicate general categories and the pricing basis, inclusive of customs duty and taxes, but exclusive of GST/HST. Indicate whether the items are likely to be used or consumed during the course of the project work.

- **Travel and living expenses:** Limited travel and living expenses will be considered case-by-case depending on the travel's purpose. Proposals should detail the basis and cost of all required travel. The basis of travel costs should be in accordance with the current Treasury Board Travel Directive, or, if applicable, in accordance with the project proponent's own travel guidelines (but not exceeding the Treasury Board Directive). The Treasury Board Travel Directive is available at http://publiservice.tbs-sct.gc.ca/pubs_pol/hrpubs/TBM_113/td-dv_e.asp.

- **Subcontracts:** Identify potential subcontractors and provide for each the same cost breakdown information detailed herein.

- **Other Charges:** Identify any other direct charges, inclusive of customs duty and taxes, **but exclusive of GST/HST**, such as long distance communication and rental costs. Please provide the estimated cost of each one, and the relevance to the proposed work.

Profit: Not applicable since proposals are required to be submitted on a cost sharing basis. Foregoing of profit is not allowable as a contribution.

N. Proposal Narrative

The narrative is the most important part of your application. (To be prepared jointly by collaborating **U.S. and Canadian applicants**). Applicants shall submit proposal via grants.gov. The Application Narrative shall not exceed 6000 words approximately 10 single-spaced pages (including figures and tables), and the type size shall not be smaller than 12-pitch/10 point type. References, appendices, curriculum vitae, letters of support/endorsement, and related documentation are not included within the word limit.

Applications for funding will be considered in accordance with the following factors set forth below. Proposals should address each of the following factors in the exact headings and sequence as they are listed. Please provide sufficient definition or description of methodology within the context of the project, to permit understanding. Please be very explicit. We encourage applicants to use examples to demonstrate their understanding. The maximum possible score for all selection factors together is 100 points.

(0) Project Summary— please list as appropriate:

- (a) Canadian and U.S. Lead organizations
- (b) Lead Canadian and U.S. project contacts (name, telephone, email)
- (c) Collaborating organizations (include Agreement of Participation, Attachment I, as attachments)
- (d) Collaborating organizations key contacts (name, telephone, email)
- (e) Relevant Internet addresses
- (f) Geographic scope of project
- (g) Concise description of the project (limit to 200 words).

(1) Project Description (10 points)

Merit to the Canadian Geospatial Data Infrastructure (CGDI) and National Spatial Data Infrastructure (NSDI). Proposals will be evaluated on the quality and relevance of the project to spatial data infrastructures (NSDI, CGDI).

(a) The proposal should include a concise description of the project; a clear statement of project objectives; an explanation of how, and to what degree, the proposed effort contributes to the development of a joint U.S./Canadian regional information sharing initiative and identify an issue in need of improved cross-border cooperation. The project must address a practical problem as described under Scope (section A) and Project Goal (section C) of this category.

(b) The proposal should include citations of related and ongoing projects and describe their connection to such ongoing projects.

(c) The proposal should include specific well-defined project outcomes that will result from this project. Describe how such outcomes will increase the use of connected distributed data sets and services as well as foster the increased use of a common spatial data infrastructure for Canada and the United States.

(2) Project Approach (20 points)

Applications should outline the steps that will be taken to implement the application. The applicant must describe feasibility and levels of risk associated with this project. Provide a detailed project plan to accomplish the stated objective.

(a) Proposals will be evaluated on the degree to which they reflect an understanding and detail of the tasks and procedures necessary to accomplish the stated objective. The proposal will be evaluated to determine whether the resources identified by the applicant to accomplish the tasks are reasonable relative to the anticipated results, and whether they accurately reflect the level of effort described in the proposal, including the necessary facilities, equipment, and supplies.

(b) The proposal should include a work plan that indicates clearly identified outcomes as a means of assessing progress. In outlining project tasks, please include a Work Plan Milestone Chart (such as Gantt) illustrating major activities and their completion dates as an attachment to the Application Narrative (the milestone chart does not count against the 6000 word narrative limit). The Initial Orientation Meeting, Interim Progress Review Meeting, and Final Technical Report shall be in your milestones.

(3) Technical/Operational Context (30 points)

Proposals should demonstrate technical and operational goals. The technical approach will be evaluated on its ability to address:

(a) The goals of:

(1) Data integration (horizontal and vertical alignment, scale, conflation, generalization, semantics, format conversion, and assessment of data quality);

- (2) Maintenance of data including updates and revisions;
- (3) Convergence of framework concepts and methodologies between U.S. and Canada including: Utilization of the U.S. NSDI framework data themes: geodetic control, cadastral data, hydrography, elevation, government units, transportation, and orthoimagery; and Canadian CGDI framework and GeoBase themes: geodetic reference system, roads, hypsography (DEM), hydrographic layers, geographical names, orthoimagery, and administrative boundaries;
- (4). Implementation and use of standards (i.e. FGDC Metadata standard or ISO metadata standard);

(b) The operational capability to use web map and web feature client and server software for linking and viewing distributed thematic geospatial and framework data between U.S. and Canadian organizations. This capability should use Open Geospatial Consortium (OGC) specifications.

Note: A portion of the funding could go to collaborators (data providers) so that they can develop the distributed data services at the beginning of the project. This would reflect in the applicant proposal with a balance of their in-kind and GeoConnections/FGDC funding. **Centralized data solutions based on a warehouse solely on one side of the border will not be considered.**

(1) Describe how clearinghouses will be used in the project. Include current functionality of the clearinghouse and its service of compliant metadata. Describe efforts to extend the clearinghouse to include such OGC compliant services as web mapping services (WMS), web feature services (WFS), web coverage services (WCS), geographic markup language (GML), styled layer descriptors (SLD).

Note: WMS data services would need to be implemented or have an implementation schedule that is in synchronization with the implementation plan to be ready for an operational delivery.

- (2) Describe the extent that OGC compliant web mapping services are part of this project.
- (3) Describe the extent that OGC compliant web feature services are part of this project.
- (4) Describe the extent that other standards and specifications are part of this project.

(c) Projects must be based on standards and specifications and, using these standards, must share data between collaborating organizations, end-users and with the cross border spatial data infrastructure. Describe **data to be made available** using the infrastructure compliant web services, including who is providing it, where it will reside, and the currency, scale and any access or use constraints.

(1) Using the Table 1 below, list all **CGDI/NSDI compliant web services to be deployed that will enable access to data in support of the application**. Provide links to metadata where available. (This table does not count against the 6000 word narrative limit, two examples are provided in italics)

Table 1: CGDI/NSDI Data Services to be Deployed

Data custodian/service provider	Use in application	Dataset name	Type of infrastructure compliant web service
<i>State Department</i>	<i>Data visualization</i>	<i>Critical Infrastructures</i>	<i>WMS</i>
<i>Regional Public Safety Authority</i>	<i>Data visualization</i>	<i>Floodplains</i>	<i>WMS</i>

(2) Projects must be based on the use of the CGDI/NSDI. Using the table 2 below, list all existing NSDI/CGDI web services, framework data, technologies and policies to be leveraged. Describe how they will enable the proposed application. (This table does not count against the 6000 word narrative limit. Two examples are provided in italics)

Table 2 Use of the NSDI/CGDI Services Example

Service Provider	Use in atlas	Dataset name	Access URL	Type of NSDI/CGDI-compliant web service
<i>GeoBase</i>	<i>Data visualization</i>	<i>National Road Network v1.0</i>	http://wms.geobase.ca/wms-bin/cubeserv.cgi?request=getCapabilities	<i>WMS</i>
<i>Canadian Geographical Names Service</i>	<i>Data access</i>	<i>Canadian Geographic Names</i>	http://cgns.nrcan.gc.ca/wfs/cubeserv.cgi	<i>WFS</i>

(4) Business Context/ Public Access to Information and Outreach(20 points)

(a) Business Context/ Public Access to Information: The application should describe the approach proposed to ensure that the project will result in distributed data that are widely used and useful—increasing distributed data accessibility. Innovative approaches are encouraged. These include:

- (1) Be available in public and non-proprietary format(s), both the online application and data services. The application could be proprietary as long as the interfaces are interoperable and include common standards and specifications for access and exchange;
- (2) Use business practices that increase distributed data activities;
- (3) Avoidance of restrictive practices that would inhibit the use of the distributed data;

(b) Outreach: The application should describe the means of providing for communication and outreach to stakeholders, such as, web pages, workshops, and informational meetings.

- (1) Outreach should include the development and hosting of a workshop for end-users to validate usage of the application, and reflect on the challenges in the context of the interdependent nature of many organizations with the challenges of inter-jurisdictional information sharing.
- (2) The proponent will conduct information outreach and work with various organizations to develop, and include, interdependencies in exercises among end-users.
- (3) The proposal should describe ways to improve project visibility.
- (4) The application should describe the degree that the project accommodates the participation of new or other organizations having similar data interests over the project area.

(5) Project Collaboration/Experience (20 points)

(a) Collaboration: Each project must involve four or more organizations. Proposals will be evaluated based on the level and diversity of participation. Applications should clearly define the tasks and responsibilities of each collaborative organization (Complete the **Agreement of Participation** Attachment I). Any additional evidence of the activity being endorsed and supported (formal Memoranda of Understanding and/or letters of commitment from participating organizations) should be provided as attachments.

(b) Experience: Proposals will be evaluated to assess the applicant's experience and competence to perform the proposed effort successfully, including the following: the significant qualifications of key personnel used in the project; the time that each person named will commit to the project;

and whether the staffing is adequate to complete the effort in the designated time frame. Describe experience, qualifications, and skills held by the staff for performance of the project. (Resumes of key personnel may be provided as attachments).

(6) Documents to attach

If possible appended these to the project narrative. These do not count against the 6000 word narrative limit.

Budget Breakdown – see section V.D. in the Introduction for further details.

Agreement of Participation Form

Letters of Support/Commitment

Tables

Other supporting documents.

O. Delivery of Application

See Section V. Application and Submission Information

P. Contact Information

For questions concerning the preparation of the application please contact:

(1). U.S. applicants:

The category lead is Milo Robinson, FGDC Framework & Cooperating States Coordinator, email: mrobinson@fgdc.gov.

Also see Section VIII. Agency Contacts in the Introduction for additional contact information.

(2). Canadian organization applicants:

Denis Poliquin
Regional Atlas Advisor
GeoConnections
6th Floor, 615 Booth Street
Ottawa, Ontario, K1A 0E9
dpoliqui@nrcan.gc.ca