

PARTNERSHIP INITIATIVES INFORMATION SHEET

Name of the Partnership/Initiative

Multinational Andean Project: Geoscience for Andean Communities (MAP:GAC)

Expected date of initiation: 2002

Expected date of completion: 2008

Partners Involved:

Governments: Argentina, Bolivia, Canada, Chile, Colombia, Ecuador, Peru, Venezuela

Intergovernmental organizations: National Geoscience agencies of the above countries

Major groups: Other relevant government and educational organizations

Other:

Leading Partner: (Name of the contact persons/focal point)

Geological Survey of Canada – Vancouver Office, as the executing agency for the Canadian International Development Agency (CIDA) funded project.

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Main objectives of the Partnership/Initiative

The current project was made possible as a result of the strong institutional bonds created by a previous four Andean country multi-national initiative (funded through CIDA and NRCan, 1996-2002). The Project **goal** is to improve the quality of life for peoples of the Andes by reducing the negative impact of natural hazards (volcanoes, earthquakes and landslides). Through the project, updated and integrated geoscience and geospatial information on natural hazards will be provided for: 1- land use planning and, 2- natural hazard mitigation.

The Project will transfer technologies to the National Andean Geoscience Institutions of Argentina, Bolivia, Chile, Colombia, Ecuador, Peru and Venezuela to enhance their capacity to efficiently and effectively provide on a continuous basis the required services:

1. To provide to the governments, communities, and planners geoscientific information fundamental to good decision making with respect to the placement of public works (infrastructure), and human settlements;
2. To contribute to mitigation of the effects of natural hazards on the local population and public works (infrastructure), to support sustainable development with more disaster resistant communities;
3. To increase the capacities of the Geoscience Agencies in the evaluation of geological hazards; and
4. To assist other government organizations such as Civil Protection agencies to incorporate geoscience information into emergency plans.

Expected results:

1. Collection, integration and dissemination of scientific and technical information on geological hazards;
2. Public education and dissemination of information on geological hazards to, among others, school children;
3. National vertical and horizontal integration: Increase cooperation and coordination between geoscience institutions, emergency planners, and other relevant government and non-government organization and departments within each participant country; and
4. International horizontal integration: Increase cooperation between geoscience and other relevant government and non-government institutions in all participating countries and other international organizations;
5. Institutional strengthening principally of the National Geoscience Agencies, but also, some regional academic and Civil Defense/Protection institutions.

Specific targets of the Partnership/Initiative and timeframe for their achievement:

1 Establishment of regional standards for digital data interchange to facilitate integration databases and the eventual creation of a regional digital library designed to help disseminate scientific and other types of information to technical and non-technical client groups. This is expected to be completed by the conclusion of the project.

2 National, Binational, and Multinational publications on relevant hazards on border areas subject to geological hazards. This will be done on an ongoing basis throughout the life of the project.

3 Creation of Public Information products aimed at informing non-technical target groups (community planners, men, women, and children, local government officials etc...) in communities subject to geological hazards. The first products will likely be produced during the third year of the project and will continue to be produced during the remainder of the project.

Coordination and Implementation mechanism

Please provide a brief description of expected coordination/implementation mechanism of the Partnership/Initiative.

The Geological Survey of Canada (GSC) administers the Canadian International Development Agency (CIDA) contribution through an Administrative Agreement. All participating Geoscience Institutions agreed to collaborate through a signed Inception Agreement. The project is managed by an Executive Council comprised of the heads of each of the National Geoscience Agencies of the countries involved and they are responsible for administering their country's contribution to the project. The GSC provides a project manager and project administration team that is responsible for coordinating all project activities and administering the CIDA portion of the budget.

Arrangements for funding

Please describe available and/or expected sources of funding for the implementation of the Partnership/Initiative (e.g. donor government(s); international organization(s)/financial institution(s); foundation(s); private sector; other major groups, etc.)

Approximate Financial Contribution:

CIDA: Approximately \$12,000,000.00

Other Participants: Approximately \$23, 500, 000.00

Total Project: \$35,500,000.00

Note: contribution expressed in Canadian Dollars

Arrangements for capacity building and technology transfer

Please include information if the Partnership/Initiative provides for training, informational support, institutional strengthening and/or other capacity building measures:

- 1 Short term exchange of geologists between countries;
- 2 Multinational and binational field trips in areas of mutual interest;
- 3 Multinational and binational workshops, short course and seminars focused on problems of common concern such as: preparation of Hazard Maps, landslide processes, volcanic processes and mapping, digital libraries and data models;
- 4 Attendance at international conferences in which results of national activities will be presented and published;
- 5 Specialized services and advice provided by or for other participants.

Please also provide here a brief description of expected arrangements for technology transfer (if applicable).

Technology Transfer will come through:

1. The creation of a group of representatives of all participant countries and supervised by GSC experts. The focus will be on the creation of standards for digital data interchange.
- 2 Through limited donations of equipment and software for use on project activities.
- 3 Joint publications (maps, reports) of a multinational and binational nature;

Links of Partnership/Initiative with on-going sustainable development activities at the international and/or regional level (if any)

Please provide a brief description:

Where appropriate, the project will collaborate with other projects with similar or parallel objectives (e.g., UNESCO, World Bank etc...).

Monitoring Arrangements

Please describe expected arrangements for monitoring of progress in the implementation of Partnerships/Initiative after it will be launched at the WSSD:

(e.g. frequency/modalities of preparation of progress reports; electronic updates, newsletters, etc)

The GSC will submit quarterly reports to CIDA and all other relevant parties.

The management team will monitor Verifiable Indicators and compare these to baseline data obtained at the beginning the project on an ongoing basis for the duration of the project but will be reported once per year.

The executive Council meets twice per year to monitor project progress and adjust planned project activities. Minutes of these meetings, signed by the official representative from each country, are used to coordinate activities.

GSC administrative team produces a monthly project Newsletter in English (MAP:GAC News), and Spanish (Boletín PMA:GAC), which is available on the project Web Site or in hard copy. The newsletter is read by approximately 700-800 people per month.

Other relevant information:

Web-site (if available): www.pma-map.com/gac

Demonstrates how multi-national collaboration in a multi-disciplinary, resources oriented project may contribute to the sustainable social, economic and environmental development of a number of countries.

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