IGCP ANNUAL REPORT

IGCP ARGENTINE NATIONAL COMMITTEE

COMITÉ ARGENTINO PROGRAMA INTERNACIONAL DE CORRELACIÓN GEOLÓGICA (CAPICG)

2010

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ARGENTINA
IGCP ANNUAL REPORT 2010

IGCP ARGENTINE NATIONAL COMMITTEE

COMITÉ ARGENTINO PROGRAMA INTERNACIONAL DE CORRELACIÓN GEOLÓGICA (CAPICG)

1. NATIONAL COMMITTEE: The Argentine National Committee (CAPICG) was designed by the National Research Council (CONICET), Buenos Aires, by Resolution n.2165 from October 1998 as follow,

   Dr. Beatriz AGUIRRE-URRETA (University of Buenos Aires)
   Dr. Carlos Alberto CINGOLANI (University of La Plata)
   Dr. Hector LEANZA (National Geological Survey)
   Dr. Ricardo MON (University of Tucumán)
   Dr. Silvio PERALTA (University of San Juan)
   Dr. Luis Antonio SPALLETTI (University of La Plata)

Institutional support: National Research Council (CONICET), National Secretary of Science and Technology (SECYT) and Permanent Representation of Argentina in UNESCO. The Argentine Geological Association, as a national representation of IUGS supports the Committee.

2. CHAIRPERSON OF THE ARGENTINE NATIONAL COMMITTEE:

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3. IGCP PROJECTS IN WHICH ARGENTINA PARTICIPATED:

3.a. Projects with leaders or co-leaders from Argentina:

IGCP 519 project short title: INTEGRATED MANAGEMENT OF COASTAL AQUIFERS IN IBERIAN AMERICA

Period:
2005-2010. Current Status: OET (On Extended Term, no funding)

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1.  Website address(es) related to the project

http://www.mdp.edu.ar/exactas/geologia/cgcyc/iugs/Index.htm
2. **Summary of major past achievements of the project**

- Cooperation of experts from Latin American and Iberian countries to participate in the Project through the compilation of national study cases of coastal aquifers.
- Design of a characterization of coastal aquifers organized in six specific thematic areas and realization of a comparative analysis of 33 coastal aquifers in Argentina, Brazil, Colombia, Costa Rica, Cuba, Chile, Mexico, Nicaragua, Peru, Portugal, Spain and Uruguay, draining to the Mediterranean and Caribbean Seas and to the Atlantic and Pacific Oceans.
- Characterization of the state of knowledge and management of South American coastal aquifers.

3. **Achievements of the project this year only**

3.1. **List of countries involved in the project**

Teams of Argentina, Brazil and Spain are directly involved in the project. The teams from other engaged countries were not directly involved in 2010.

3.2. **General scientific achievements and social benefits**

- Cooperation of experts from Ibero American countries in the Project through the analysis and exchange of experiences derived from national study cases.
- Design of environmental indicators in three main lines of approach to make an analysis of the coastal aquifers: pressure, state and response. In order to assess adequately coastal environmental processes by decision-makers, indicators were applied to two cities: the Recife Coastal Plain, Brazil and Mar del Plata, Argentina, to analyze and compare their situations. The study suggests that the use of indicators has proven to be of great value for proposing protection guidelines aimed at economical, social and environmental sustainability of the coastal region.
- Cooperation with the International Atomic Energy Agency (IAEA) in the RLA/8/041 Project “Development of tools for integrated management of coastal aquifers”, through the involvement of Emilia Bocanegra. The participant countries are: Argentina, Costa Rica, Cuba, Ecuador and Uruguay. The overall goal is the mutual benefit of both projects through the teams’ interactions.
- Cooperation with the International Atomic Energy Agency (IAEA) in the CRP Project “Isotopic Techniques for Assessment of Hydrological Processes in Wetlands”, through the involvement of Emilia Bocanegra, Marisol Manzano and Emilio Custodio. The participant countries are: Argentina, Australia, Austria, Brazil, Cameroon, Colombia, Czech Republic, Ghana, France, Mozambique, Pakistan, Spain, Uganda, United Kingdom and United States of America. The Spanish study area in the IAEA project is part of the Doñana coastal aquifer, so both the IAEA and the IGCP projects benefit of sharing resources, data and results.
• Preparation of the new IGCP Proposal Project 604 “Groundwater and Wetlands in Ibero-America”
• Cooperation in the Organization of the 2012 SWIM to be held in Buzios, Rio de Janeiro, Brazil.

3.3. List of meetings with approximate attendance and number of countries

Since IGCP 519 has O.E.T. status (no funding), there wasn’t a meeting of the project during 2010. Nevertheless, some team’s members who attended the Meeting of the IAEA Project “Isotopic techniques for assessment of hydrological processes in wetlands” (Wien, 6-9 Sept) and/or the International Association of Hydrogeologists Congress (Krakow, 13-17 Sept) had informal meetings to consider what has been achieved and discuss the preparation of a new IGCP Proposal Project. Also, the 21st Salt Water Intrusion Meeting, held in June in the Azores Islands, Portugal, was an opportunity for an informal meeting of some members. The work team decided to continue the international cooperation for developing a new conceptual framework in Ibero-American wetlands through the assessment of the hydrological components of the groundwater-wetlands interactions.

3.4. Educational, training or capacity building activities

There are some M.Sc. and Ph.D. students incorporated in the Project in order to prepare their thesis on subjects related to the general topic of the Project. Some of them have read their theses. Students that cooperate with scientists of IGCP 519 have tutors coming from institutions of different countries. In Brazil, Mirian Costa has presented her Ph.D. thesis entitled “Integrated characterization of sedimentary and hydrogeological aspects of Barreiras aquifer in onshore Campos basin, Brazil” under the supervision of co-leader Gerson Cardoso.

In Argentina, last April Eleonora Moschione has defended her Master Thesis “Assessment of the nitrate problematic in the Mar del Plata aquifer, alternatives of treatment through available technologies”, under the supervision of Emilia Bocanegra.

In Barcelona, last July the student Iker Juárez defended his Master Thesis “Groundwater at La Vera-Los Mimbrales of Doñana, SW Spain, and its relationship with streams and wetlands”, under the supervision of Emilio Custodio. The work was developed in the framework of the research project “Impact of the hydraulic restoration of Los Mimbrales area on the groundwater-surface water relationships”, leaded by Marisol Manzano. This project has been one of the actions of the restoration project Doñana 2005 of the Environmental Ministry of Spain.

3.5. Participation of scientists from developing countries, and in particular young and women scientists

The amount of scientists from developing countries is very high since the IGCP 519 develops in Iberian America. Latin American researchers represent the majority of participants in IGCP 519. Women scientists represent 60% of the participants.
3.6. List of most important publications (including maps)


Cristo, V.N., Menezes, J.M., Cardoso da Silva Jr., G.C. 2010. Hidrogeoquímica dos aquíferos do litoral leste do Estado do Rio de Janeiro utilizando a análise de cluster. 16th Brazilian Hydrogeology Congress. São Luís, Brazil


3.7. Activities involving other IGCP projects, UNESCO, IUGS or others

IAEA Spanish National project (No. 13992/R0) that develops in one of the IGCP 519 study aquifers, Doñana (SW Spain).

4. Activities planned

N/A

5. Project funding requested

N/A

6. Request for extension, on-extended-term-status, or intention to propose successor project

Researchers from Argentina, Brazil, Colombia and Spain, proposed the IGCP Project Proposal 604 "Groundwater and Wetlands in Ibero-America", to be developed in the framework of the Topic of particular interest to IGCP: Geoscience of the Water Cycle.

7. Financial statement ($ USD only)

N/A

IGCP project short title:

TROPICAL RIVERS

Duration: 2009-2013

Project leader(s)

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   FORMERLY IN ARGENTINA, WHEN THE IGCP WAS REQUESTED AND GRANTED.

2. Name: Jose, Candido Stevaux
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Project Secretary:

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1. Website address(es) related to the project  
http://www.igcp582.uem.br/

2. Summary of major past achievements of the project

During the second year of activities the Project was able to generate international meetings, supporting young and seniors researchers from in developing countries and editing special issues of international and regional journals. Additionally, several of the participants also produced interactions with governmental agencies in projects related to river management, planning, hazards, restoration and engineering. We made during 2010 a particular effort to incorporate some African researchers and to generate a front of discussion on the Caribbean region. The meetings during 2010 concentrated in Brazil and India

3. Achievements of the project this year only

3.1. List of countries involved in the project activities during 2010
Argentina, Australia, Bolivia, Brazil, Cameroon, Colombia, China, France, Germany, India, Puerto Rico, Venezuela, USA
Researchers from all the countries mentioned above participated in meetings or like contributors of special issues of international journals edited by the IGCP 582.

3.2. General scientific achievements and social benefits

As mentioned in the previous report (2009) good part of the participating groups develop research on tropical rivers related to immediate application to society. We just will mention some groups participating of IGCP 582 that maintain long term research activity in some key tropical regions.

The Brazilian groups of Maringa State University, Federal University of Sergipe, Amazonas State University, Goias State University among others Brazilian participants, produce applied science and transfer results to National and State agencies such as Environmental State Agencies, Water Resources State agencies, PETROBRAS national oil company among others and maintain collaborative research with French institutions. The environmental projects in the San Francisco basin still actives until 2011 funding by Petrobras-Brazil. The Argentinean participants also develop projects that produce social benefits. The group of the National University of el Litoral is a constant referent in applied projects in Argentinean rivers and maintain close links with state agencies and private consultancies services. Additionally Argentinean researchers are providing support to the Tri-National Basin committee of the Pilcomayo River (Argentina, Brazil and Bolivia). During 2010 the IGCP 582 participants of Universidad del Litoral Argentina, provided a new set of consultancies as solicited by the Tri-National Commission of the Pilcomayo.

In Venezuela the group of Universidad Pedagógica el Libertador (UPELD) concentrates the research in the Apure fluvial basin and develops applied research for the national state agency INGEOMIN. One PhD students is developing activities in the Orinoco Llanos (we granted this participant in 2009). The research from the German group of the University of Frankfurt maintains several activities and project in central Africa (Cameroon, Democratic Republic of Congo and Central African Republic) among others. The Indian researchers of IITK are developing a large project with remarkable social relevance on river dynamics and flood risk evaluation in the Kosi River which has been funded by the Ministry of Earth Sciences, Govt. of India. In China ECNU develop a long term program of research on the Yang Tze basin transferring results to society and in special to national agencies. Researchers from university of Texas at Austin are producing results on rivers in Mexico and south-west of USA. Several projects are related to applied basin management and supported by Texas State agencies. In Colombia the group of EAFIT University maintains research in collaboration with a variety of agencies and with the Colombian Navy surveying rivers delta sand estuaries.

These are just some examples of the kind of research that is presently being developed in our project and how we transfer results to society.

Since the scientific point of view we are advancing in two ways: a) increasing the participation of researchers from in developing countries in conferences, training courses and, importantly, favoring the participation of those researchers in special issues of internationally recognized and indexed journals. B) Trying to identify gaps in knowledge
and generating new strategies to fill up the identified gaps with new knowledge through theoretical approaches and increasing international collaboration.

This year we had the participation of Dr. Jean Guy Dzana from Cameroon. Had been our intention to include researchers from Africa in the projects but it is not an easy task for several reasons: a) because the scarcity of local professionals working on fluvial processes in equatorial Africa and because of the high cost to support the participation of African professionals who demand practically 100% of economic coverage.

The participation of Carlos Scharron (Puerto Rico), M. Bezada (Venezuela) and Juan Restreppo (Colombia) opened a new perspective in our IGCP project allowing as to cover this year the Caribbean region.

3.3. List of meetings with approximate attendance and number of countries

During 2010 the activities of IGCP 582 concentrated in Brazil and India. The main annual meeting happened linked to the 45 Brazilian Congress on Geology, hold in Belem, Brazil from September 26th to October 1st. The activities were organized by Prof. Jose. C. Stevaux (UAM-Brazil and co-leader of IGCP 582) and Prof. Naziano Filizola (UFAM-Brazil). At total we had more than forty contributions (30 in English-see abstracts in appendix and 12 in Portuguese) from Argentina, Brazil, Cameroon, Colombia, Germany, Venezuela, China, France, India and Puerto Rico. The total involved participants (authors and co-authors) were eighty eight (88).

Additionally the representatives of IGCP 582 Prof. Edgardo Latrubesse (UT-Austin-USA) and Jean P. Bravard (Univ. Lyon-France) were invited to offer plenary talks to the general audience of the Brazilian Congress.

In India a Regional meeting was organized by Dr. Snigdha Ghataka and had the participation of Indian researchers (see appendix). IGCP projects in India are closely followed up by the premium geological institution, Geological survey of India. The idea of Indian participants and a main objective of our co-leader Prof. Rajiv Sinha, is to evolve a program within the GSI system and relating items of the IGCP 582 project for implementation. Was also decided to have IGCP 582 portal in India linked to the main page of the IGCP 582. This portal will host all kind of data, reports and information related to projects related to the IGCP themes.

3.4. Educational, training or capacity building activities

During 2010 the groups were training the young students and favouring exchanges among the different groups, but we did no organize a particular international course such as in 2009.

3.5. Participation of scientists from developing countries, and in particular young and women scientists

We maintain a good equilibrium of genera. In relation to the participation of young researchers from developing countries a major support was provided to Jean Guy Dzana from Cameroon.

Additionally we supported participants from Latin-American countries such as Argentina, Brazil, Colombia and Venezuela.
3.6. List of most important publications

- Latrubesse, E and Stevaux. (Guest Editors), (2009). Hydro-geomorphology, sediment transport and human impacts in large South American rivers. *Latin American Journal of Sedimentology and Basin analysis*, 16 (2), 77-131. (This issue was printed in February 2010).
- Sinha, R., Latrubesse, E and Nanson G. (Guest Editors). Quaternary fluvial systems of the Tropics and its Palaeoenvironmental implications, Paleogeography, Paleoclimatology and Paleoecology. (volume in advanced version—will be printed during the first semester of 2011).
- Stevaux, J.C and Latrubesse, E.M (Guest Editors) Revista Brasileira de Geociências. In preparation, this issue started to be prepared time ago but is delayed. We expect finishing this issue in 2011.

3.7. Activities involving other IGCP projects, UNESCO, IUGS or others

Our meetings involved the collaboration with the working group Tropical rivers of the International Association of Geomorphologists, GLOCOPH Large Rivers working Group and Prosul-Network, CNPq-Brazil.

4. Activities planned

We are planning two main meetings for 2011. The main annual meeting will happen organized by Rajiv Sinha (co-leader of IGCP 582), in Kanpur, India and will have the support of the IITK and the national delegation of IGCP. The tentative date is from December 12th to 17th with three days of Symposium and three days of field trip along the Ganges River basin.

The second meeting will be a special session of IGCP 582 during the XIV Geological congress that will be held in Medellin, Colombia from August 29 to September 2nd. Professor Juan Restrepo (EAFIT University) will be the main organizer of this event.

5. Project funding requested

We had a $7,000 support during 2010. Considering the planned activities for 2010 a budget of $10,000 should be desirable. We asked to our national delegates for additional support but the answer was unanimous: the national IGCP delegations do not have possibilities in offering some extra support to our projects. We have been able to find additional support for our meetings with a variety of agencies and projects, and in that way we optimized our short resources in 2009 and 2010.

6. Request for extension, on-extended-term-status, or intention to propose successor project (N/A)
7. Financial statement ($ USD only)

Juan Restrepo (Colombia) 300$, Maximiliano Bezada (Venezuela), 1100$, Jean Guy Dzana (Cameroon), 1700$, Carlos Ramos Scharrón (Puerto Rico) 1700$; Edgardo Cafaro (Argentina), 900$; Maximiliano Bayer (Brazil) 900$.

Additional support (aerial tickets, accommodations, liberation or discounts in registration fees) were provided by the Brazilian Congress of Geology. The University of Lyon (France) covered the additional costs necessary to allow the participation of Jean Guy Dzana from Cameroon.

8. Attach any information you may consider relevant (N/A)

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IGCP 586 Y project short title:

GEODYNAMIC PROCESSES IN THE ANDES 32°-34°S
Duration: 2010-2012

Project leader(s):

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1. Website address(es) related to the project

http://igcp586y.syr.edu/IGCP_586Y

The IGCP 586Y website is hosted through the College of Arts and Sciences at Syracuse University. Hoke maintains the website, as specially requested the domain name igcp586y.syr.edu for the site. The webpage is standalone and is not linked directly though Hoke's personal or group websites also hosted at Syracuse University. The domain name can be maintained indefinitely at no cost. The only limitation is that someone with network access at Syracuse University must be responsible for modifying the pages. As with all websites the IGCP586Y site is constantly being updated and adjusted as the project evolves and following discussion and input from participants at the meetings. We are will expand the Spanish language section of the site shortly.

2. Summary of major past achievements of the project

N/A

3. Achievements of the project this year only

3.1. List of countries involved in the project:

Chile, Argentina and USA.

3.2. General scientific achievements and social benefits

During 2010, the IGCP 586-Y group has successfully integrated published and unpublished geological and geophysical data from the 32°50’ and 33°50’S transects. The project has now a dynamic email group for discussion and information distribution with firm commitments towards achieving its goals (http://ar.groups.yahoo.com/group/igcp586/).

IGCP 586-Y has attracted considerable interest and support form the geological community. The IGCP 586-Y group currently consists of 12 members from 4 countries.
Scientists from Chile, Argentina, USA and France have been recruited to the project and some of them have actively participated in the activities of IGCP 586-Y: Andrés Tassara (Chile), César Arriagada (Chile), Sebastien Carretier (France), Mario Giménez (Argentina), Patricia Alvarado (Argentina), Florencia Bechis (Argentina), Victor García (Argentina), Daniel Pérez (Argentina), Julieta Suriano (Argentina), Daniel Yagupsky (Argentina) and Maximiliano Naipauer (Argentina).

Also, one important social aspect of IGCP 586-Y has been the incorporation of several doctoral and post-doctoral students into the group. In 2010 IGCP 586-Y reached the number of 7 postgraduate and 3 undergraduate students involved in the project, based at 6 universities in three countries: José Mescua (Argentina), Pamela Jara (Chile), Sergio Calderón (Chile), María Pía Rodríguez (Chile), Alina Walcek (USA), Lucía Sagripanti (Argentina), Silvana Spagnotto (Argentina), Jessica Paz Fuentes (Chile), Pablo Alarcón (Chile) and Pablo Escares (Chile). All except one of these students come from developing countries.

In addition to technical sessions, the meetings included free public lectures to advise society about potential geohazards in the region: a) Laura Giambiagi presented to the Argentinean geological community in the local office of the Argentinean Geological Society of Mendoza with the talk “Andean Geodynamics: The IGCP 586-Y project”. b) Stella Moreiras gave a conference about “Natural Geological Risk” in the Institute of Public Security. c) As well Stella Moreiras take part as expositor in the talk “The Geomatic, scientific and technological advances for general public in the Área Fundacional Museum, Mendoza. d) Stella Moreiras and Laura Giambiagi presented the lecture "Seismic Hazard in Mendoza” during the Science week organized by CCT and other lecture entitled “Earthquakes” to high school students from Córdoba. Both scientists were invited by the local University radio to talk about seismicity in Mendoza and geohazards in the region.

The website http://igcp586y.syr.edu/IGCP_586Y is open to global community.

3.3. List of meetings with approximate attendance and number of countries

In 2010, two meetings with two field workshops were developed within the activities of IGCP 586Y.

First IGCP 568-Y Meeting: Mendoza, Argentina.
The first IGCP 586-Y was held in September in Mendoza, Argentina. It was convened by Laura Giambiagi and Stella Maris Moreiras. The meeting gathered 28 researchers from 3 countries (Argentina, Chile and USA). 17 oral presentations were given. Doctoral and post-doctoral students have been actively involved.

Second IGCP 568-Y Meeting: Santiago, Chile
The second IGCP 586-Y was held in November in Santiago, Chile. It was convened by Luisa Pinto and Sergio Sepúlveda. The meeting gathered 28 researchers from 2 countries (Argentina and Chile). 12 oral presentations were given. Doctoral and postdoctoral students have been actively involved. The reunion was open to the entire geological community and attended by 30 scientists and graduate and undergraduate students.

3.4. Educational, training or capacity building activities
3.4.1 Field workshops

First IGCP 586-Y field workshop: Argentinean side of transects 32°50´ and 33°50´S:
The first field workshop took place in Argentina between 24th and 25th September 2010, departing and ending at Mendoza. Field trip leaders were Stella Moreiras and Laura Giambiagi. The field trip aimed to introduce the participants to the geological transects along 32°50´ and 33°50´S across the Argentinean side of the Andes. Fifteen researchers and students from three countries attended the field workshop. Outcrops visited were in the vicinity of the international route between Argentina and Chile, and in the Cordón del Plata range. On-site discussion of the tectonic evolution and relation between Chilean and Argentinean sides of the Main Andes was one of the major goals of the field workshop.
Detailed list of participants – Argentinean side of the Andes field workshop: Luisa Pinto, Pablo Alarcón, Pablo Escares, Pamela Jara, Andrés Tassara, Maria Pia Rodríguez, Greg Hoke, Alina Walcek, Laura Giambiagi, Stella Moreiras, Maisa Tunik, Florencia Bechis, José Mescua, Laura Mateo, Natalia Riveros.

Second IGCP 586-Y field workshop: Chilean side of transects 32°50´ and 33°50´S:
The second field workshop took place in Chile between 30th November and 1st December 2010, departing and ending at Santiago. Field trip leaders were Sergio Sepúlveda and Luisa Pinto. The field trip aimed to introduce the participants to the geological transects along 32°50´ and 33°50´S across the Chilean side of the Andes. Fifteen researchers and students from three countries attended the field workshop. Outcrops visited were in the vicinity of the international route between Argentina and Chile along the Aconcagua Valley and the route of Cajón del Maipo. On-site discussion of the tectonic evolution and relation between Chilean and Argentinean sides of the Main Andes was one of the major goals of the field workshop.
Detailed list of participants – Chilean side of the Andes field workshop: Luisa Pinto, Sergio Sepúlveda, Jessica Paz Fuentes, Alejandra Serey, Felipe Tapia, Reynaldo Charrier, Estanislao Godoy, Pamela Alvarez, Maisa Tunik, José Mescua, Silvana Spagnotto, Lucia Sagripanti, Julieta Suriano, Daniel Pérez, Víctor García.

3.4.2 Post-graduate students

The project will support the students in different ways, including financial assistance to participate in meetings and fieldworks, and availability of data gathered by IGCP 586Y. Doctoral and post-doctoral students from Argentina, Chile and USA have been actively involved in both meetings and field workshops. 11 PhD and MSc students have been sponsored by IGCP 586Y activities during 2010.

3.4.3 Short courses


3.5. Participation of scientists from developing countries, and in particular young and
women scientists

86 % of leader scientists involved in IGCP 586Y are based in developing countries in South America and 57% of them are women.

3.6. List of most important publications (including maps)

Peer review publications


Giambiagi, L., Mescua, J., Bechis, F., Martínez, A., Folguera, A., Pre-Andean deformation of the Precordillera southern sector, Southern Central Andes. Geosphere. (In press.)

Hermann R., Fauqué L., Moreiras S.M., Sepúlveda S., L. Valderrama Landslides in the Andes of Argentina, Bolivia, Chile and Peru: an introduction. Special Issue. Revista de la Asociación Geológica Argentina. (in prep.,)


Moreiras S.M. Avances en el estudio geomorfológico de la quebrada de Matienzo, Mendoza. Contribuciones Científicas. (in press).

Moreiras S.M., Sepulveda S.A., Reginald Hermann State of the art and new perpectives on the study of large palaeolandsldies in the Central Andes (32°-34°S). (in prep.).

Muñoz, C., Pinto, L., Charrier, R., Nalpas, T. Miocene tectonic inversion of the Abanico Basin in Central Chile (33°-35°S): Importance of volcanic load and shortcut fault development based on analogue modeling. (In prep.)


Others


3.7. Activities involving other IGCP projects, UNESCO, IUGS or others
N/A

4. Activities planned
4.1. General goals

The general goal of IGCP 586Y is to make a major step forward in the integration of geological and geophysical data along five transects crossing the Andes of Argentina
and Chile. In 2011 the project will target on the three transects: 32°50’, 33°50’, and 35°S. The IGCP 586Y field workshops and meetings are an important step toward realizing this goal.

4.2. Tentative list of specific meetings and field trips (please list the participating countries)

The following meeting and field trip are planned and the agenda will be kept open for further timely meetings that might be proposed during 2011. The third Meeting will be arranged in conjunction with the 17th Argentine Geological Congress that will be held in Neuquén, Argentina. The number of expected participants is on the order of 50. A fiveday field trip will be arranged across 35°S, Chile and Argentina, focusing on the same topics as the previous transects. The number of expected participants in this transect is on the order of 15.

5. Project funding requested

In order to support the maximum number of delegates in the 2011 meetings, we request for maximum possible project funding for 2011.

6. Request for extension, on-extended-term-status, or intention to propose successor project

N/A

7. Financial statement ($ USD only)

Funds were used according to the plan submitted early in 2010, and taking into consideration the recommendations given by the scientific board in its project assessment 2010. 14 scientists and students received partial funding from IGCP 586Y to attend the Mendoza and Santiago meetings and field trips.

Transportation expenses
Received by (list names) Country of origin Allocation (in USD)

First meeting (Mendoza-Argentina)
Pamela Jara Chile 356
María Pía Rodriguez Chile 300
Luisa Pinto Chile 169

Second meeting (Santiago – Chile)
Maisa Tunik Argentina 350
José Mescua Argentina 350
Víctor García Argentina 350
Daniel Pérez Argentina 350
Julieta Suriano Argentina 350
Silvana Spagnotto Argentina 350

Subtotal transportation expenses USD 2925

Accommodation and daily expenses
Received by (list names) Country of origin Allocation (in USD)
First meeting (Mendoza-Argentina)
Luisa Pinto Chile 150
Pablo Alarcón Chile 150
Pablo Escares Chile 150
Pamela Jara Chile 150
Andrés Tassara Chile 150
María Pía Rodríguez Chile 150

Second meeting (Santiago – Chile)
Maisa Tunik Argentina 550
José Mescua Argentina 550
Víctor García Argentina 550
Daniel Pérez Argentina 550
Julieta Suriano Argentina 550
Silvana Spagnotto Argentina 550

Subtotal accommodation expenses USD 4200

Organizing expenses Allocation (in USD)
Fundación Cricyt 5% 375

Estimated total expenses from all sources, including IGCP-funds: USD 17,000
Significative amounts of funding were provided by the participants, which financed their expenses through research projects in their home countries.

8. Attach any information you may consider relevant
Index of Meeting abstracts are attached.

568-Y Meetings
Mendoza, Argentina
Santiago, Chile
ABSTRACTS
2010
568-Y Meetings: Mendoza, Argentina – Santiago, Chile

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ANALYSIS OF DEFORMATION IN THE CENTRAL CHILEAN HIGH ANDES BETWEEN 32° AND 33°S
Pamela Paz Jara M.

LATITUDINAL EFFECTS OF DIFFERENTIAL DEFORMATION (EXTENSION Y/OR COMPRESSION) IN THE GEOMETRY OF A BASIN: PRELIMINARY RESULTS OF ANALOGUE MODELLING
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APPLIED PETROGRAPHY AND PROVENANCE STUDIES INTO SEDIMENTARY BASINS: AN EXAMPLE ON TUNUYAN BASIN
Maísa Tunik

3.b. Projects with active working groups in Argentina:

3.c. Other IGCP Projects in which scientists from Argentina participated during the year:

3.d. IGCP Project submitted during 2010 with Argentine leaders/co-leaders:

3.d.1. New IGCP proposal submitted by Dr. Emilia Bocanegra (Centro de Geología de Costas y del Cuaternario, Universidad Nacional de Mar del Plata) to the Scientific Board during this year:

“GROUNDWATER AND WETLANDS IN IBERO-AMERICA”

4. IGCP MEETINGS HELD DURING THE YEAR:

5. CONCRETE EXAMPLES OF CO-OPERATION AT THE NATIONAL LEVEL BETWEEN IGCP AND SOME OF THE OTHER SCIENTIFIC PROGRAMMES OF UNESCO.

6. NATIONAL COMMITTEE ACTIVITIES

The National Committee considered the Annual Report, to be send at the IGCP Board, Paris, France and also supported the presentation of the following project:

Dr. Emilia Bocanegra (Centro de Geología de Costas y del Cuaternario, Universidad Nacional de Mar del Plata) GROUNDWATER AND WETLANDS IN IBERO-AMERICA to the Scientific Board during this year.


Dr. María Beatriz Aguirre-Urreta