



**X CONSULTATIVE MEETING OF GEOPHYSICS
CARACAS, VENEZUELA 16 – 18 NOVEMBER, 2005**

RESOLUTION No. 1

APPROVAL OF THE REPORT OF THE COMMISSION'S CHAIRMAN

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That the Chairman of the Commission of Geophysics has presented his report on the period 2001-2005,

RESOLVES:

1. To unanimously approve the said report.
2. To congratulate Dr. Carlos Mendoza and Mr. Bruce Presgrave, Chairman and Vice-Chairman of the Geophysics Commission, for their excellent work undertaken during the four-year period of their mandates (2001-2005), and to record the thanks of the PAIGH for their dedication and efforts for the better achievement of the objectives of the Commission.

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RESOLUTION No. 2

AUTHORITIES OF THE COMMISSION

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That stipulated in the regulation of the Commission;

The presentation of candidates made by Member States, and

That stipulated in the plenary,

RESOLVES:

To recommend to the XVIII General Assembly of the PAIGH the extension of Dr. Carlos Mendoza's and Mr. Bruce Presgrave's mandate as Chairman and Vice-chairman, respectively, of the Geophysics Commission for the quadrennial 2005-2009.

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RESOLUTION No. 3

POLICY OF THE GEOPHYSICS COMMISSION

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The document on scientific policy made available by the General Secretariat, and
That recommended by the Scientific Policy Committee,

RESOLVES:

To approve the following policy of the Geophysics Commission for the period 2005-2009:

1. To propose that at the end of the quadrennial the objectives raised at the Consultative Meeting be evaluated.
2. To establish timely and rapid communication between the Geophysical Commission and the community of the region.
3. To promote the timely interchange between institutions of Member States of the PAIGH to study and resolve problems related to their interests.
4. To continue with a stronger emphasis on the policy of forming human resources and obtaining the necessary resources at the graduate level.
5. To contact agencies and centers of higher education to obtain scholarships at the master's and doctoral level in the different disciplines of Geophysics and establish the respective bilateral agreements.



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6. To propose that the Commission, by means of its Committees, assume the responsibility of up-dating the directory of professionals that work in the corresponding disciplines in Member States.
7. To continue with the publication of the *Revista Geofísica* and to develop its appearance in digital format.
8. To examine the effectiveness of the *Revista Geofísica* by means of an analysis of the publication norms, including its distribution, to explore possible modifications and innovations in format so as to widen its publication and increase its scientific level.
9. To stimulate the publication of the results of projects financed by the Geophysics Commission in scientific journals.
10. To promote the development of multinational multidisciplinary projects among the distinct Commissions of the PAIGH.

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RESOLUTION No. 4

**GLOBAL PLAN OF THE GEOPHYSICS COMMISSION FOR THE
2005-2009 QUADRENNIAL**

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The document on the Quadrennial Plan provided by the General Secretariat;

That recommended by the Scientific Policy Committee,

RESOLVES:

To approve the following Global Work Plan for the Geophysics Commission for the period 2005-2009:

1. To organize events that propitiate the integration of the different Committees in order to develop interdisciplinary and multinational projects in Geophysics in accordance with the world globalization policies, with emphasis on studies applied to the definition of natural hazards.
2. To hold the Technical Meeting of the Commission in 2007 with an emphasis on the contribution of geophysics to the study of natural hazards.
3. To promote the interchange of scientists in America.
4. To develop projects together with other international scientific organizations.
5. To develop the exchange of geophysical data at the Pan American level.
6. To utilize the means of communication of the Internet via the Pan American Geophysics Professional Network of the region established in the webpage of the PAIGH.

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RESOLUTION No. 5

OPERATIONAL PLAN OF THE GEOPHYSICS COMMISSION

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The document on the quadrennial plan provided by the General Secretariat, and
That recommended by the Scientific Policy Committee

RESOLVES:

To approve the following Operational Plan for the Geophysics Commission for the period 2005-2009, to include the following activities:

1. To promote research related to the activities identified by the Committees.
2. To promote activities related to:
 - a) Technical and scientific studies in the Geophysics area.
 - b) Publication of results at the Pan American level.
 - c) Exchange and develop human resources.
3. To explore the possibility that national sections remit copies of projects proposed to the Geophysics Commission and to the General Secretariat at the same time so that the evaluation groups in the Commission can have time to carry out their work.

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RESOLUTION No. 6

STRUCTURE AND ORGANIZATION OF THE GEOPHYSICS COMMISSION

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The document on organic structure provided by the General Secretariat, and

That recommended by the Scientific Policy Committee

RESOLVES:

To approve the following organic structure for the Geophysics Commission:

1. *Geomagnetism and Aeronomics Committee*
Chairman and Secretary
2. *Seismology and Vulcanology Committee*
Chairman and Secretary
3. *Physical Oceanography Committee*
Chairman and Secretary
4. Meteorology and Physical Atmospheric Committee
Chairman and Secretary
5. Gravimetric Committee
Chairman and Secretary
6. Environmental Geophysics Committee
Chairman and Secretary

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RESOLUTION No. 7

FUNCTIONS OF THE COMMITTEE CHAIRMEN

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The importance of integrating the activities of the distinct Committees of the Geophysics Commission;

The priority the Geophysics Commission assigns to the possible socio-economic impact of natural hazards;

That recommended by the Scientific Policy Committee

RESOLVES:

To request of the Committee Chairmen of the Commission that they identify specific contributions within the framework of natural hazards in collaboration with the different Member States.

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RESOLUTION No. 8

TECHNICAL ASSISTANCE PROJECTS APPROVED FOR THE YEAR 2006

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That the requests for technical assistance projects for 2006 were evaluated;

That recommended by the Scientific Policy Committee,

RESOLVES:

To approve the projects recommended for execution for a total of USD 39.000, as indicated in the annexed table.

PAN AMERICAN INSTITUTE OF GEOGRAPHY AND HISTORY



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GEOPHYSICS COMMISSION

No.	Project title	Country	Person Responsible	Recommended amount	Committees
1	Physical modeling and Dynamic Simulation of the Eruptive Processes of the Lascar Volcano, Second Region of Antofagasta, Chile	Chile (Mexico)	Eduardo Medina	6.500	Seismology and Vulcanology
2	Dynamic and Deformation of Active Faults via Geodesia Techniques: Implications for the External Geodynamic and mitigation of Seismic Risk	Costa Rica	Mauricio Mora Fernández	2.000	Seismology and Vulcanology
3	Preparation of Map Scenes of Volcanic threats of the San Salvador Volcano	El Salvador (Mexico)	Dolores Ferrés López	7.000	Seismology and Vulcanology
4	Scholarship Program in Geophysics	USA	Carlos Mendoza	15.000	Scholarships
5	Geophysical and Archaeological Study of Pre-Historic Habitations Clusters in Cotzumalguapa, Guatemala	Guatemala (USA)	Oswaldo Chinchilla	3.000	Environmental Geophysics (History Commission)
6	Comparative studies of the recent eruption events of the Popocatépetl and Lascar Volcanoes applied to the Understanding of Processes and Monitoring of volcanoes	México (Argentina)	Hugo Delgado Granados	5.500	Seismology and Vulcanology



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RESOLUTION No. 9

GEOPHYSICS SCHOLARSHIPS

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That programs of graduate scholarships supported by the Geophysics Commission have permitted technical, academic and scientific development in the field of Geophysics;

That the Geophysics Commission recognizes that training by means of scholarships is a priority for the development of Member States

RESOLVES:

To explore the possible expansion of the programs, taking into consideration the disposable resources, to include distinct and additional institutions that offer master's or doctoral programs in the earth science area.

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RESOLUTION No. 10

RECOGNITION OF DR. ANA LILLIAN MARTIN DEL POZZO

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The outstanding work undertaken by Dr. Ana Lillian Martin del Pozzo, Chairwoman of the Editorial Committee of the *Revista Geofísica* during the 1999-2005 period;

The request submitted by Dr. Ana Lillian Martin del Pozzo to not continue in the position of Chairwoman of the Editorial Committee of the *Revista Geofísica*;

RESOLVES:

To recognize the arduous and praiseworthy dedication shown by Dr. Ana Lillian Martin del Pozzo as Chairwoman of the Editorial Committee of the *Revista Geofísica* during this period.

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RESOLUTION No. 11

PUBLICATION OF THE *REVISTA GEOFÍSICA*

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That the PAIGH via the Geophysics Commission publishes the *Revista Geofísica*;

That the Geophysics Commission needs to continue the publication of the journal;

That the Military Geographical Institute of Chile assists the publication of the *Revista* in its center;

RESOLVES:

1. To accept the logistical and institutional help offered by the Military Geographical Institute of Chile.
2. To designate Ing. Manuel Araneda as Chairman of the Editorial Committee of the *Revista Geofísica* with the help of the Geophysics Commission in collaboration with the General Secretariat of the PAIGH.
3. To propose that the other members of the Editorial Committee remain in their functions during the transition period.

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RESOLUTION No. 12

AWARD OF THE "PAN AMERICAN GEOPHYSICS MEDAL"

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That the Geophysics Commission awards every four years the prize "Pan American Geophysics Medal" to the most outstanding person or institution in the opinion of the evaluation jury;

That the National Section of the PAIGH of Brazil presented the name of the distinguished geophysicist Dr. Luiz Muniz Barreto as a candidate for the "Pan American Geophysics Medal";

That the jury composed of Dr. Carlos Mendoza, Dr. Herbert Rendón and Dr. Víctor Huérfano have evaluated the merits and antecedents of Dr. Muniz Barreto;

RESOLVES:

To award the prize of the "Pan American Geophysics Medal" to Dr. Luiz Muniz Barreto for his contribution to the geophysics in America, including:

- His outstanding scientific production in peer reviewed publications at the international and national level.
- His distinguished participation in the formation of human resources particularly in the coordination of the Latin American Schools of Geomagnetism.
- His extensive experience in the field of Geomagnetism and the diffusion of geophysical knowledge.

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RESOLUTION No. 13

**THANKS TO THE ORGANIZING COMMITTEE AND
THE VENEZUELAN NATIONAL SECTION**

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The extensive help and the warm reception offered by the Government of the Bolivarian Republic of Venezuela and the authorities of the National Section of the PAIGH for the undertaking of the X Consultative Meeting of the Geophysics Commission;

RESOLVES:

1. To thank very especially the Government of the Bolivarian Republic of Venezuela and the Venezuelan "Simon Bolívar Geographical Institute" for the collaboration provided.
2. To thank the National Section and the Organizing Committee for the facilities offered and the warm reception afforded the members of the Consultative Meeting.

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RESOLUTION No. 14

**THANKS TO THE ADMINISTRATIVE PERSONNEL OF
THE GENERAL SECRETARIAT**

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

That the deliberations of the meeting have concluded in a satisfactory fashion;

That recommended by the Consultative Coordinating Committee

RESOLVES:

To express sincere thanks to the administrative personnel of the General Secretariat of the PAIGH based in Mexico, for their outstanding help during the meeting and the efficient coordination of the same.

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RESOLUTION No. 15

THANKS TO THE SECRETARY OF THE CONSULTATION

The X Consultative Meeting of the Geophysics Commission of the Pan American Institute of Geography and History (PAIGH),

CONSIDERING:

The work undertaken by María Inés Pastorino as secretary of the Consultation;

RESOLVES:

To express to María Inés Pastorino its recognition of her invaluable assistance as secretary of the 10th Consultative Meeting.

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