

Application to InterMARGINS workshop support program

30/September/2005

1. Title of the meeting

“The 12th International Symposium on Deep Structure of the Continents and their Margins (DeepSeismix 2006)”

This meeting is in a sequence of successful conferences held at Cornell/84, Cambridge/86, Canberra/88, Bayreuth/90, Banff/92, Budapest/94, Asilomar/96, Platja d'Aro/98, Ulvik/2000, Taupo/2003 and Mont-Tremblant/2004, and will be the first time to be held in Asia. This meeting is sponsored by IASPEI, ILP, Japan seismological society (non-financial support) and Japan Geoscience Union (not-financial support).

2. Applicants

Shuichi Kodaira, Yoshiyuki Kaneda

Institute for Research on Earth Evolution (IFREE),

Japan Agency for Marine-Earth Science and Technology

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3. Purpose and expected results

3-1 Purpose of the meeting

In this symposium, we invite scientists who work on deep seismic studies for imaging and constraining the structure, composition and tectonics of the lithosphere of continental and their margins. The focus of the scientific program will be studies of the Earth's crust and lithosphere using seismic reflection, refraction and teleseismic methods, and integration of these studies with other geophysical techniques and geological data. Because this symposium will be the first time to be held in Japan, we would like to strongly focus on the structure and dynamics of active continental margins including subduction seismogenic zones where disastrous earthquakes occur. In order to meet this special attempt, we add two sessions on "Subduction structures of megathrust zones" and "Seismic investigations for disastrous earthquake areas".

3-2 Expected results

This symposium is an only opportunity to meet world-wide structural seismologists actively working on structure and dynamics of continents and their margins every two years. Due to recent drastic improvement of seismic technique and increasing the number of integrated active-passive seismic approaches, new insights of structural images and ideas for evolution of continents and their margins are expected to be presented in this symposium. We also expect to find a new future direction of seismic studies on the basis of the results presented. This would provide important information to scientific communities of other field of geosciences on continental margins, because the new results expected to be discussed in this symposium would make a geophysical and structural frame work for the future margin-related studies.

3-3 Planed scientific sessions

Special sessions for subduction seismogenic zones

- Subduction structures of magathrust zones
- Seismic investigations for disastrous earthquake areas

Regular sessions

- Active continental margins
- Passive continental margins
- Intra-continental collision and accretion
- Continental rifts and basins
- Integrated multidisciplinary case studies
- The continental mantle
- Numerical modeling of heterogeneity and anisotropy
- Innovative seismic acquisition and processing techniques.
- Crustal seismic investigations and mineral resources.

4. Present situation of preparation

- The organizing committee of the symposium has been organized in September, 2005;

Chair, Takaya Iwasaki,

Vice-chair, Yoshiyuki Kaneda, Tanio Ito

Secretary in general, Hiroshi Sato

Chair of program organizing committee, Shuichi Kodaira

- The first circular was sent out to potential contributors on 28th September, 2005. The first circular has been uploaded on the web page;

<http://www.eri.u-tokyo.ac.jp/seismix2006/>.

- The second circular will be uploaded on the web on February 1st, 2006 and will contain details on procedures for registration and accommodation, instructions for preparing abstracts, how to travel to the meeting, information about publication of the proceedings volume.

- The conference hall, Shonan Village Center, Hayama, Japan, has been booked for the symposium.

5. Total numbers of participants to be expected

200 participants (estimated by referring the number of participants of the past symposiums)

6. Place and date of the meeting

6-1 Place

- Shonan Village Center, Hayama Kanagawa, Japan.

6-2 Dates

- September 24 - 29, 2006

7. Cost sharing with the program or funds that

Japan Society for the Promotion of Science (JSPS) has approved to support the symposium. Although total amount of the support from JSPS has not decided yet, we have applied \$30,000 to cover meeting preparation cost, i.e., hiring support staff, and preparing future circulars and meeting posters. The final decision will be noticed in April, 2006. See Appendix for a detail expenditure and income.

8 Requirement for InterMARGINS

We apply, to this support program, a support of \$17,000. This will be spent to cover rental fees of the conference hall. See Appendix for a detail expenditure and income.

We would like to organize this symposium with support of InterMARGINS

DeepSeismix2006. Expected expenditure and income

Expenditure

Rental fee of meeting hall	\$17,000-	Applied to InterMARGINS
Rental fee of meeting facilities (incl. PC projectors, Poster boards)	\$4,000-	IASPEI, ILP and partly covered by registration fee
Salary for support staff	\$27,000-	Applied to JSPS
Preparing 2 nd , final circulars and poster	\$3,000-	Applied to JSPS
Printing abstract volume	\$8,000-	Covered by registration fee
Geological field trip	\$20,000-	Covered by registration fee
Catering service (incl. refreshment coffee)	\$4,000-	From participants
Welcome reception	\$8,000-	From participants
Banquet	\$20,000-	From participants
<u>Reserve fund</u>	<u>\$10,000-</u>	<u>Prepared by IFREE and ERI</u>
Total	\$121,000-	

Income

Registration fee	\$30,000- (\$150 x 200)
From participants (for reception, banquet and refreshment)	\$32,000- (\$160 x 200)
JSPS	\$30,000-
InterMARGINS	\$17,000-
IASPEI	\$1,000-
ILP	\$1,000-
<u>ERI and IFREE JAMSTEC</u>	<u>\$10,000-</u>
Total	\$121,000-