



**Information about activity of Commission on
Earthquake sources: Modeling and monitoring for Prediction activity
during IASPEI General Assembly in Cape Town,
Jan. 10-16, 2009.**

Business meeting of Commission was held on Wednesday evening, January 14, 2009 in the room 1.41-1.43 in Cape Town International Convention Center (CTICC).

The following persons have taken part in this meeting:

1. Alexey Zavyalov (Russia) – commission chair,
2. Ian Main (Scotland),
3. David Rhoades (New Zealand),
4. Gerassimos Papadopoulos (Greece),
5. J. R. Kayal (India),
6. Antonella Peresan (Italy).

Agenda of the meeting was so:

1. Activity Report 2007-2008 of Commission to IASPEI.
2. Scopes of the Commission for the next two years.
3. Suggestions to the scientific programme for the IUGG 2011 General Assembly in Melbourne, Australia.
4. Miscellanea.

1. Activity Report 2007-2008 of Commission on Earthquake Sources: Modeling and Monitoring for Prediction was placed on IASPEI web site:

http://www.iaspei.org/commissions/CESMMP/CommissionEQS-MMP_Activity_report_2007-2008_ver20081222.pdf

in the end of December 2008.

The data for this report were presented by

- Prof. Ian G. Main, Edinburgh, Scotland;
- Prof. Gennady A. Sobolev, Moscow, Russia;
- Prof. Alexander V. Ponomarev, Moscow, Russia;
- Prof. Alexey A. Lyubushin, Moscow, Russia;
- Prof. Eleftheria E. Papadimitriou, Thessaloniki, Greece;
- Prof. Vassilis G. Karakostas, Thessaloniki, Greece;
- Prof. Tamaz L. Chelidze, Tbilisi, Georgia;
- Prof. David Rhoades, Wellington, New Zealand;
- Prof. Giovanni Martinelli, Emilia Romagna, Italy;
- Prof. Kakharbay N. Abdullabekov, Tashkent, Uzbekistan;
- Dr. Makhira T. Usmanova, Tashkent, Uzbekistan;
- Dr. Vadim A. Saltykov, Petropavlovsk-Kamchatsky, Russia.

2. The scope of Commission was renovated at the end of 2007 and lay out on IASPEI web-site. In the new scope the basic attention is concentrated on researches of physics of destruction process at different scales, since experiments in laboratory on rock samples and finishing researches of a seismic regime.

Commission discussed the changes, proposed by Ian Main and decided that it is not necessary to change the Commission title and scope for next 2 years.

3. Commission discussed suggestions to the scientific programme for the IUGG 2011 General Assembly in Melbourne, Australia. 2 suggestions were proposed:

Proposal from Alexey Zavyalov: “Physics of Seismic Process: From Laboratory Studies to Field Observations” with the purpose of the further strengthening of attention to physics of seismic process through laboratory experiment and field observation.

Possible conveners: Alexey Zavyalov, Ian Main and somebody else from Australia or New Zealand.

Proposal from Gerassimos Popadopoulos: “Climate Change and Seismicity” with the aim to examine possible interactions and triggering mechanisms between earthquakes on one hand and several meteorological phenomena (El-Nino, precipitation, snow fall etc.) and global change phenomena (post-glacial rebound, polar migration etc.).

Possible conveners: Gerassimos Popadopoulos, J. Zschau.

Both suggestions were adopted by Commission and should be recommended for inclusion in scientific programme of IUGG 2011 General Assembly.

4. There were no items for discussion in miscellanea.