

# International Association of Seismology and Physics of the Earth's Interior

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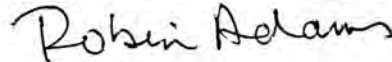
## NEWSLETTER NO. 8 MAY 1983

TO: National Correspondents, Officers and Representatives of the Association, and related organizations.

As the 1983 General Assembly approaches it seems that the response to technical sessions is very enthusiastic and that our German colleagues are doing a tremendous task in sorting out the various organizational matters. This Newsletter contains further information about the Hamburg Assembly, and I would again ask National Correspondents to do all they can to pass this on to their colleagues.

The IASPEI programme for the next few years is now becoming clearer, and plans are becoming more definite for our Regional Assembly in India in 1984 and the General Assembly in Japan in 1985. We look forward to an exciting and busy period in the next few years.

With best wishes; I hope to see as many of you as possible at Hamburg in August.



R D Adams  
Secretary-General

## 22ND GENERAL ASSEMBLY OF IASPEI, HAMBURG, 15-27 AUGUST 1983

Further programme details are given in the Third Circular, which is still available from the Local Organizing Committee at:

Hamburg Messe u Congress GmbH  
Postfach 302360, D-2000 Hamburg 36  
FEDERAL REPUBLIC OF GERMANY

Requests for registration, accommodation and administrative details should be sent to them, and not to the IASPEI secretariat.

On registration, participants will receive books containing programme details and abstracts for the IUGG sessions, and for the Association of their main interest.

### IASPEI Plenary Sessions

The provisional agenda for these meetings is given below. Other matters may be raised if approved by a majority of delegates present. These meetings are open to all, but voting is restricted to accredited national delegates.

15 August 14.30 President's Welcome  
Presentation of Accounts  
Appointment of: Nominating Committee  
Resolutions Committee  
Audit Committee

Presidential Address:

Prof B A Bolt "Seismology in the Digital Age"

24 August 19.30

President's Report  
 Secretary-General's Report and Discharge of Accounts  
 Reports of Commissions and Review of Commission Structure  
 Relations with UN and other Agencies  
 Future Activities  
 Adoption of Resolutions  
 Election of Officers  
 Appointment of Association Representatives  
 Other Business

#### Commission Structure

It is anticipated that the work of the Standard Earth Model Committee (a joint Committee of IASPEI and IAG) will be approaching completion, and this Committee may be disbanded. Suggestions for new Commissions or Working Groups include one for Wave Propagation and Properties of Real Media, and for one concerned with Arctic Geosciences. There is also a proposal that the Commission for Earthquake Prediction broaden its field of interest to Earthquake Hazard.

#### Joint IASPEI/Unesco Working Groups

At the request of Unesco, IASPEI is arranging three joint Working Groups in conjunction with the Hamburg Assembly. Further meetings are being held of the Working Groups on International Experimental Sites for Earthquake Prediction Research and Copying Historical Seismograms, which met at the 1981 General Assembly in Canada. A special group is also being convened to consider a Code of Practice for Earthquake Prediction. Attendance at these meetings is by invitation only, but their reports will be freely available.

### EUROPEAN MEDITERRANEAN SEISMOLOGICAL CENTRE

In recent years EMSC has been experiencing financial and organizational difficulties similar to those which are common to other international seismological services. EMSC has been continuing the Strasbourg tradition of acting as the collecting and analysis centre for European seismicity, and of providing a rapid epicentre determination service for the European area. It also passes European data on to NEIS and ISC for incorporation into global analysis.

New statutes were adopted in December 1982, with EMSC receiving direct financial support from contributing agencies in different countries, thus reducing the load which has been carried in recent years by the host institution, Institut de Physique du Globe, Strasbourg. The new statutes give EMSC a legal status as an international body, based in France. There are already supporting agencies from Belgium, Federal Republic of Germany, Finland, France (2), Israel, Portugal, Switzerland and United Kingdom, with further support likely from Albania, Italy, Spain and Yugoslavia. The new Director is Prof J Bonnin assisted by Dr M Cara. The Centre will be guided by the following Executive Council:-

Chairman: Prof H Korhonen (Finland)      Vice-Chairman: Dr H Aichelle (FRG)  
 Members: Dr P W Burton (UK), Dr D Mayer Rosa (Switzerland)

Much credit for maintaining EMSC during the previous difficult years must go to Dr E Peterschmitt, who retired at the end of 1982 from seven years in the post of Director. Dr Peterschmitt worked with great dedication to continue the high standards of seismology associated with Strasbourg, and we wish him every happiness in his retirement, which we hope will not prevent him from maintaining his active interest in seismology.



REGIONAL WORKSHOP ON HISTORICAL SEISMOGRAMS  
TOKYO, JAPAN, 20-22 DECEMBER 1982

This meeting was convened by the joint IASPEI/Unesco Working Group to discuss problems associated with the preservation, use and copying of pre-1960 seismograms in the Southeast Asian and Southwest Pacific areas. It met at the Earthquake Research Institute, University of Tokyo, and was attended by some 40 participants from Australia, China, Hong Kong, India, Indonesia, Philippines and USA as well as from the host country, Japan, and international seismological agencies and data centres.

The Workshop opened with general presentations covering the background to the project (W H K Lee) and the need for such work (H Kanamori). The study of early earthquakes is necessary not only to establish reliable catalogues for studies of location and recurrence, but to complete knowledge of more recent concepts such as source mechanism and seismic moment. For example, in assessing present seismic hazard in subduction zones, it can be important to know whether early earthquakes are of thrust or normal type. Sometimes a simple analysis of even a single record from such an event can resolve this ambiguity. Dr Judith Goodstein described the copying already being undertaken at the California Institute of Technology and the practical and logistic problems associated with the sorting and handling of large numbers of records.

Papers on the second day concentrated on historical catalogues and methods of building them up, with examples from Japan (T Utsu, K Abe and others), USA (J N Taggart) and China (Y S Xie).

The last day's sessions concentrated on activities at the international centres (ISC, WDC-A) and the history of recording and archiving of seismograms in various countries of the region. It was sad to learn of the large number of records already lost through deterioration, misplacing, fire and other disasters, and war.

The final working session produced eight resolutions, pointing out the value of the work already done, urging continuation of the programme and suggesting ways of gaining additional support. Ten stations (or groups of stations) were selected as being suitable for microfilming of the complete seismogram record, and it was recommended that one copy remain in the country of origin. A further meeting of the Working Group will be held at the IASPEI General Assembly in Hamburg in August 1983, when special attention will be paid to the Latin American and European regions.

#### OBITUARY

We sadly note the deaths of the following colleagues:

Prof Hirokichi Honda	23 August 1982
Dr Ulf Ericsson	19 November 1982
Prof Chuji Tsuboi	20 November 1982

Profs Honda and Tsuboi are well known for their contribution to seismology in Japan and elsewhere, and Dr Ericsson has worked for many years in Sweden on seismological aspects of disarmament, and was Chairman of the Ad Hoc Seismic Group of the Committee on Disarmament, Geneva.

#### CONGRATULATIONS

We extend our heartiest congratulations to Dr Shigeji Suyehiro, who has been appointed Director-General of the Japanese Meteorological Agency. Dr Suyehiro is not the first seismologist to have occupied this post, which was also held by one of our past Presidents, Dr Kiyoo Wadati.

Another seismologist to hold high office in meteorological affairs is Dr R L Kintinar, of the Philippines, who is the current President of the World Meteorological Organization.



FORTHCOMING MEETINGS

The following is a selection of meetings from June 1983 in the field of interest of the Association.

- 1983 Aug 15-27 XVIII GENERAL ASSEMBLY OF IUGG  
Hamburg, FRG  
International Union of Geodesy and Geophysics  
Local Organizing Committee, Postfach 302360, 2000 Hamburg 36, FRG
- 1983 Aug 23-27 SYMPOSIUM ON 100-YEAR DEVELOPMENT OF KRAKATAU AND ITS SURROUNDINGS  
Jakarta, Indonesia  
Indonesian Institute of Sciences  
LIPI, Jalan Gatot Subroto, 250 Jakarta Pusat, Jakarta, INDONESIA
- 1983 Oct 22-28 SYMPOSIUM ON NEOTECTONICS, SEISMICITY AND GEOLOGIC HAZARD IN THE  
CARIBBEAN AND VENEZUELA  
Caracas, Venezuela  
Venezuelan Foundation for Seismological Research  
A Singer, FUNVISIS, A.P. 1892, Caracas, VENEZUELA
- 1983 Dec 5-16 WORKSHOP ON PATTERN RECOGNITION AND ANALYSIS OF SEISMICITY  
Trieste, Italy  
International Centre for Theoretical Physics  
P O Box 586, I-34100 Trieste, ITALY
- 1984 Feb 9-14 INTERNATIONAL SYMPOSIUM ON RECENT CRUSTAL MOVEMENTS OF THE  
PACIFIC REGION  
Wellington, New Zealand  
Dr H M Bibby, Geophysics Div., Box 1320 Wellington, NEW ZEALAND
- 1984 Mar 28-30 INTERNATIONAL SYMPOSIUM ON EARTHQUAKE RELIEF IN LESS INDUSTRIALIZED AREAS  
Zürich, Switzerland  
Swiss National Committee for Earthquake Engineering  
SIA Postfach, CH-8039, Zürich, SWITZERLAND
- 1984 Jun 26-28 INTERNATIONAL SYMPOSIUM ON DEEP STRUCTURE OF THE CONTINENTAL CRUST:  
REFLECTION SEISMOLOGY  
Ithaca, NY, USA  
Dr M Barazangi, Dept. of Geological Sciences  
Cornell University, Ithaca, NY 14853, USA
- 1984 Jul 21-28 8TH WORLD CONFERENCE ON EARTHQUAKE ENGINEERING  
San Francisco, California, USA  
IAEE  
EERI-8WCEE, 2620 Telegraph Avenue, Berkeley, Ca 94704, USA
- 1984 Aug 4-14 27TH INTERNATIONAL GEOLOGICAL CONGRESS  
Moscow, USSR  
IUGS  
Organizing Committee of 27 IGC, Institute of the Lithosphere,  
22 Staromonetny, Moscow 109180, USSR
- 1984 Oct 1-5 EUROPEAN SEISMOLOGICAL COMMISSION  
(Provisional) Baku, Azibaydzhan, USSR
- 1984 Oct 31- IASPEI REGIONAL ASSEMBLY  
7 Nov Hyderabad, India
- 1985 Aug 19-30 23RD GENERAL ASSEMBLY OF IASPEI  
(Provisional) Tokyo, Japan