

**4. Closing Ceremonies**  
**Dr. Kiyoshi Kaneta presiding**  
**August 9, 1988**



Chairman—Good afternoon, ladies and gentlemen.

I should like to introduce myself. My name is Kiyoshi Kaneta. I am a member of the organizing committee of this 9th World Conference on Earthquake Engineering. It is my privilege and pleasure to serve as a master of ceremonies for the closing of this 9th World Conference on Earthquake Engineering.

As many of you know, having attended previous World Conferences on Earthquake Engineering, the main purpose of the closing ceremonies is to formalize certain actions taken by the International Association for Earthquake Engineering. I should, therefore, like to introduce to you our outgoing president, Dr. Hajime Umemura.

Dr. Umemura, will you please begin your address?

**Closing Remarks**  
**by**  
**Dr. Hajime Umemura**  
**Past-President, IAEE**

Thank you, Professor Kaneta, Fellow participants, ladies and gentlemen:

I wish to report to you about the activities of the International Association for Earthquake Engineering. The Association has its own organization and activities, in addition to hosting the World Conference. In the past four years, Dr. Jakim Petrovski has served as Executive Vice-President, and Dr. Keizaburo Kubo as Vice President representing the host country of this conference. Dr. Yutaka Osawa served as Secretary General at the Central Office in Tokyo, and eleven directors served on the executive committee.

Firstly, I want to report on the International Decade for Natural Disaster Reduction, originally suggested by Dr. Frank Press.

In December, 1987, the United Nations adopted a resolution in support of the "International Decade for Natural Disaster Reduction". The resolution designated the 1990s as a decade in which the international community, under the auspices of the United Nations, would pay special attention to fostering international co-operation in the field of natural disaster reduction.

Our association should formulate how to cooperate with the U.N. system to bring the IDNDR program to fruition in the next few years. The association with your active participation shall assume a leading role in the program. Our scientists and engineers shall dedicate themselves to the realization of a society which shall not be prone to the great loss of lives and property incurred by natural disasters.

Secondly, I want to report on the activities of the International Strong Motion Array Council. The IAEE Executive Committee approved the formation of this Council in 1981.



**Closing Ceremony**



**Dr. H. Umemura, Former President of IAEE, reporting on the 9WCEE**

Some of specific tasks have been assigned to Sub-committees. Network and Array Design Committee was formed in 1984, Mobile Arrays Committee in 1984, Sub-committee on Minimum Instrumentation Standards for Arrays in 1987. Joint with IASPEI, a working group on the Effect of Surface Geology on Seismic Motion met in Vancouver in 1987. The Council co-sponsored an international workshop on Strong-Motion Data Processing with IASPEI in Vancouver in 1987.

Thirdly, I want to explain the role of the IAEE President in relation to the Ninth World Conference. The President received approximately 1,500 abstracts from 45 countries. A total of 74 scientists and engineers from 14 countries agreed to review the abstracts. The review committee carefully examined the reviewers' ratings.

Finally, I want to introduce the activities of the IAEE Central Office, which has been supported by the Japan Association for Earthquake Disaster Prevention. Dr. Yutaka Osawa has served as Secretary General since the sixth World Conference in New Delhi in 1977. It is unfortunate for the Association that Dr. Osawa expressed his desire to resign from the Office due to reasons of poor health. The executive committee meeting during this conference appointed Dr. Tsuneo Katayama as new Secretary General.

These have been the major activities of the Association in the past four years.

During this World Conference, the Executive Committee Meeting and General Assembly of Delegates were held to decide the future of the Association.

The Executive Committee Meeting, consisting of the President, Executive Vice President, Vice President, eleven Directors and Consultative Members, was held on the afternoon of August 3.

The General Assembly of Delegates, consisting of Executive Officers and National Delegates met on the afternoon of August 6.

The details of the two meetings will be reported by our new Secretary General, Professor Tsuneo Katayama. Please, Dr. Katayama.

**Reports**  
**by**  
**Dr. Tsuneo Katayama**  
**Secretary General, IAEE**

Thank you Dr. Umemura. Ladies and Gentlemen!

Before I report the details of the Executive Committee Meeting and the General Assembly of Delegates, I would like to read a message prepared by Dr. Yutaka Osawa, our retiring Secretary General.

“I express my personal thanks to the Association, which I have served since the Sixth World Conference on Earthquake Engineering, when I succeeded the late Dr. John Kazuo Minami. It is with deep regret that I have decided to retire from the Office of the IAEE Secretary General due to personal reasons. I wish I could continue to be of service to the Association. I sincerely wish all of you present here in this hall will continue your work, which I believe is of great importance to the welfare of mankind.”

This is the message prepared by Dr. Yutaka Osawa.

Now I am going to report some of the important issues discussed, approved, confirmed and decided at the Executive Committee Meeting on August 3 and at the General Assembly of Delegates on August 6.

The General Assembly selected Madrid, Spain, as the site of the Tenth World Conference on Earthquake Engineering to be held in 1992. I congratulate the Spanish National Organization and I thank the other delegations who kindly invited the conference to their respective countries.

The following persons were elected as the Officers of the IAEE at the General Assembly:

President: Giuseppe Grandori (Italy)

Executive Vice President: Luis Esteva (Mexico)

Vice President of the host country of the 10WCEE: A. Lopez-Arroyo (Spain)

Directors in alphabetical order are:

B. Chandra (India)

M. Erdik (Turkey)

D. Jurukovski (Yugoslavia)

T. Kobori (Japan)  
T. Paulay (New Zealand)  
J. Penzien (USA)  
A. Ravara (Portugal)  
Lili Xie (China)

Up to three other directors may be selectes by the Executive Committee, in order to improve the geographical distribution of the Directors.

The Executive Committee approved and the General Assembly confirmed the Japanese invitation to have the Central Office of the IAEE in Japan, with myself as the General Secretary.

The Executive Committee recommended and the General Assembly confirmed the following distinguished scientists as Honorary Members and Consultative Members of the Association.

Honorary Members;

Hajime Umemura, the retiring President of the IAEE  
Ray W. Clough, the retiring General Editor of the  
International Journal of Earthquake  
Engineering and Structural Dynamics.

Consultative Members;

Yutaka Osawa, the retiring Secretary General of the IAEE, and  
C.B. Warburton, the new General Editor of the Journal.

During the last four years, four new countries have gained membership in the IAEE. They are Egypt, China, Israel, and Iceland. We now have 38 member countries in the association.

The International Journal of "Earthquake Engineering and Structural Dynamics", our official journal, is healthy and steadily growing. I would like to express deep appreciation to the retiring General Editor, Ray Clough, for his tireless dedication, and I thank in advance the new General Editor Prof. Warburton for his future contributions.

The Monograph Committee for Non-Engineered Construction published a monograph entitled "Guidelines for Earthquake-Resistant Non-Engineered Construction" in July, 1987. I thank the members of the Committee, and especially its chairman, Dr. A.S. Arya, for his great efforts.

The IAEE publishes "Earthquake Resistant Regulations-A World List", which is revised

every four years on the occasion of the World Conference. The 1988 edition is now available through the Central Office of the IAEE.

“Directory for Earthquake Engineering Research”, which will be published by the IAEE after this conference, contains, for each member country, the names of the officers of the National Organization and a list of institutions related to earthquake engineering research with the names of their contact members.

The activities of the IAEE, such as those reported today, are published in the “IAEE News” section of the International Journal of “Earthquake Engineering and Structural Dynamics”, the official journal of the IAEE.

The Japan Association for Earthquake Disaster Prevention has generously supported the activities of the Central Office of the IAEE. There are no dues nor assessments to member National Organizations of the Association.

Finally, the following resolutions have been adopted at the General Assembly of Delegates:

- I. The IAEE Executive Committee and the Assembly of National Delegates wish to express their great appreciation to the Host Organizations, the Science Council of Japan, the Japan Association for Earthquake Disaster Prevention, and the five academic societies listed below, for the invitation to have the Ninth World Conference on Earthquake Engineering in Tokyo and Kyoto, and to the Ninth World Conference on Earthquake Engineering Steering Committee for the excellent planning and execution of this highly successful and fruitful event.

The names of the five academic societies are:

Architectural Institute of Japan,

Japan Society of Civil Engineers,

The Japan Society of Mechanical Engineers,

Japan Society of Soil Mechanics and Foundation Engineering, and

Seismological Society of Japan.

- II. The Executive Committee and the Assembly of National Delegates would like to express their deep appreciation to Dr. Yutaka Osawa, our retiring Secretary General, for his selfless dedication to the promotion of the activities of the IAEE. Without his efforts, smooth management of the Association would never have been possible.

- III. By recognizing the profound importance of the International Decade for Natural Disaster Reduction (IDNDR), which was adopted as an official UN program at the



Forty-Second General Assembly of the United Nations held in December, 1987, the Executive Committee and the Assembly of National Delegates express their strong involvement in promoting, organizing and participating in the activities of the IDNDR.

IV. The Executive Committee and the Assembly of National Delegates express their deep appreciation to Professor Emeritus Hajime Umemura, our retiring President, for his selfless dedication in providing outstanding leadership to the IAEE.

With this, I conclude the summary of the matters discussed and decided at the Executive Committee Meeting and the General Assembly of Delegates.

Thank you for your kind attention.

**Dr. Umemura's remarks(Cont'd):**

Thank you, Dr. Katayama.

On behalf of the International Association for Earthquake Engineering, I want to present a plaque to Dr. Osawa in recognition of his unselfish and devoted contributions as Secretary General to the smooth operation and activities of the Association. As you have heard from Dr. Katayama, a significant amount of work is required in this office.

Dr. Osawa was able to attend the first part of the conference in Tokyo, despite his illness. However, his doctor didn't allow him to travel to Kyoto. Therefore, we invited his son Yasushi Osawa to receive this plaque for his father.

The plaque reads: "Dr. Yutaka Osawa: We want to say 'Thank you' for your selfless dedication to the promotion of the activities of the IAEE, on the occasion of 9WCEE, August 2 to 9, 1988, Tokyo and Kyoto, on behalf of the members of the IAEE, Hajime Umemura, President of International Association for Earthquake Engineering".

Mr. Yasushi Osawa, please send our sincere gratitude to your father. Thank you Osawa-san.

I want to recognize the work of two more persons; that is Dr. Kyoji Nakagawa, Secretary General for the Steering Committee of the Conference. and Miss Mikako Ohta, long-time active Secretary in the IAEE Central Office. Without her careful work in detail, we could not have completed our duties.

Dr. Nakagawa is one of very few persons who attended all nine World Conferences. He refrained from tasting his favorite and life-time company of Sake during the preparation for this Conference. He deserves a good taste of Sake.

Our Executive Vice President Jakim Petrovski will present a bouquet to Miss Ohta.

Finally, I want to express my thanks to all of you. I have been delighted by the assistance I have received during my service as the IAEE President.

Thank you very much.

Chairman—Thank you, thank you very much, Dr. Umemura, and also thank you, Dr. Katayama and Mr. Osawa, Dr. Nakagawa, and Miss Ohta. Thank you very much.

Now, we are very glad to have Dr. Giuseppe Grandori of Italy, as a new president of the International Association for Earthquake Engineering.

**Remarks**  
**by**  
**Dr. Giuseppe Grandori**  
**New President of the IAEE**

It is a great honor for me personally and for my country to be elected as president of this glorious Association. In my interpretation, this honor is due to the good work that has been done during the last years by all Italian researchers involved in earthquake effects mitigation. I'll do my best to represent them in keeping alive the outstanding tradition of the Association. As new president, my thoughts should be concentrated on future activity. However, I cannot help but mention this Ninth World Conference as one of the main steps on our way, and to thank warmly our Japanese colleagues for the perfect organization of this conference.

As far as future activities are concerned, this is not the moment to present a detailed program. Thus, I will mention only one field in which this association should play an important role in the coming years.

This field is typified by the International Decade for Natural Disaster Reduction that has been mentioned by Prof. Umemura, by Prof. Katayama, and by many speakers during this conference. We expect that international organizations and many national governments shall be willing to support cooperative efforts aimed at the mitigation of the effects of the natural disasters. Our association should be ready to contribute by coordinating international activities and by continuing study of earthquake effects mitigation, with particular attention to the needs of developing countries.

I would say that, as a matter of fact, this is not a new task for the association, but only an occasion of renewed enthusiasm for an activity that has always been its main merit. I am able to testify to this, because the revival of earthquake engineering in Italy in the last two decades has been strongly helped by the existence of the International Association for



**Dr. G. Grandori, New President of IAEE, giving a Greeting**



**Dr. K. Nakagawa, Secretary General for the Steering Committee, receiving a Bottle of Sake**

Earthquake Engineering.

For this aid, I take this occasion to thank the international scientific community. And I will conclude, with the wish that this Ninth World Conference may be considered as a conclusion of the cycle that began 28 years ago with the second World Conference in Tokyo and Kyoto. Now a new cycle is starting, and I hope all of us will be present 28 years from now at the Sixteen World Conference on Earthquake Engineering in Tokyo and Kyoto.

See you then!

Chairman—Thank you very much, Dr. Grandori.

Next, I should like to introduce Dr. Rafael Blazques, Deputy National Delegate from Spain, the host country of the 10th World Conference on Earthquake Engineering, to extend to us all an invitation to attend the coming world conference.

**Remarks**  
**by**  
**Dr. Rafael Blazques**  
**Deputy National Delegate from Spain**

Thank you, Mr. Chairman. Mr. President, Officers and Delegates of the International Association for Earthquake Engineering, ladies and gentlemen:

On behalf of the Spanish Association for Earthquake Engineering, and on behalf of the Institutions and Organizations in Spain that supported our candidacy, it will indeed be a great pleasure and honor to organize the Tenth World Conference on Earthquake Engineering to be held in Madrid, the capital city of Spain.

Certainly such an opportunity is timely, since, as you may know, in many respects 1992 will be a crucial year for my country. Spain, which receives over 50 million visitors every year from all over the world, will host in that year two major international events: the Olympic Games in Barcelona (during the summer) and the World Fair in Sevilla (from April to October). In addition, Madrid has been declared by the European Communities as the cultural capital of Europe for 1992, which means that many scientific, technological, cultural, and artistic events will take place in our city at that time. All these events will be held under the auspices of the European Communities, for which 1992 will also be a breakthrough year, as the trade barriers come down and the 12-country group becomes integrated into a single unified market.

Last, but not least, in 1992 we shall commemorate the 500th anniversary of the discovery of America by Spain, a landmark in our history and in the history of mankind. For this

occasion, a National Commission has been created for the purpose of organizing and sponsoring all kinds of activities nationwide. There is no doubt that a meeting such as the Tenth World Conference on Earthquake Engineering truly falls within this goal and will receive strong support from all academic, professional, and administration bodies in Spain.

We realize that after the impressive organization of this Ninth Conference, we will face a real challenge in 1992, as Earthquake Engineering continues to be healthy and growing around the world. We are aware of the challenge and we pledge ourselves to do our best, so that we do not disappoint your expectations. Let me then finish by saying that we expect your collaboration to make the next World Conference a successful one, and that we look forward to welcoming you all to the friendly city of Madrid, Spain, four years from now.

Thank you very much. Hasta pronto.

Chairman—Thank you, thank you very much, Dr. Blazques.

Now, ladies and gentlemen, last but not least, I should like to introduce to you Dr. Keizaburo Kubo, who has made every effort for the success of this world conference as Chairman of the Organizing Committee of the 9th World Conference on Earthquake Engineering. Dr. Kubo, will you please begin your closing address?

**Closing Remarks**  
**by**  
**Dr. Keizaburo Kubo**

Thank you, Mr. Chairman. Fellow participants, ladies and gentlemen:

The Ninth World Conference on Earthquake Engineering is now approaching its end. I hope you have enjoyed eight fruitful days in Tokyo and Kyoto. At this moment, I would like to express my most sincere appreciation to all the participants, especially to those who are still here in this hall. I am very pleased to inform you that the total number of participants in this conference was 1,873, including 142 accompanying persons.

The success of the conference owes a great debt to you the participants; your attendance, your presentations and your discussions. I would like to thank a number of organizations, public and private, for having supported us spiritually as well as financially.

Earthquake engineering has grown into a major field of engineering science during the three decades since the first World Conference in the United States in 1956. Structures nowadays are often designed by considering their non-linear dynamic properties.

The fields of research in Earthquake Engineering have substantially broadened. Seismic problems of urban utility systems are being analyzed by taking into consideration probabil-

ity and reliability-based concepts. More and more people in non-technical fields are showing interest in earthquake-related disaster problems.

In order to mitigate earthquake disasters, mutual understanding and cooperation among a number of academic fields are essential. In this sense, earthquake engineering is a typical interdisciplinary field of science, in which the integration of the knowledge held by many individuals in different areas of engineering and science is of utmost importance.

After returning to your respective countries, I sincerely hope that all of you continue to work in order to promote the field of earthquake engineering. Old friendships renewed and new acquaintances cultivated during this conference should become effective catalysts in pursuing our common objective of earthquake disaster mitigation.

Again, I would like to thank you all for your cordial cooperation. With all of you, I wish for the further development of earthquake engineering and the resulting improvement in the welfare of all the people of the world.

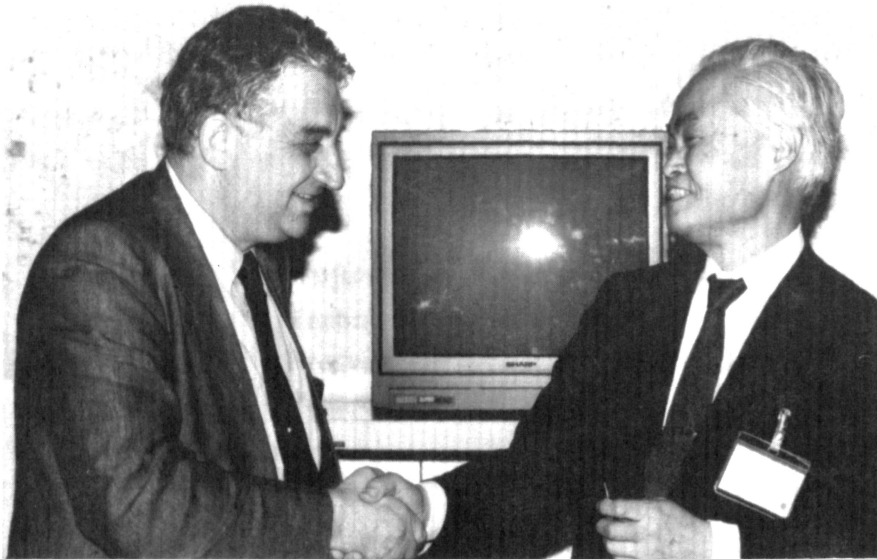
Finally, I look forward to seeing you all in Madrid, Spain, in 1992.

Thank you very much. "Sayonara" and "Bon voyage".

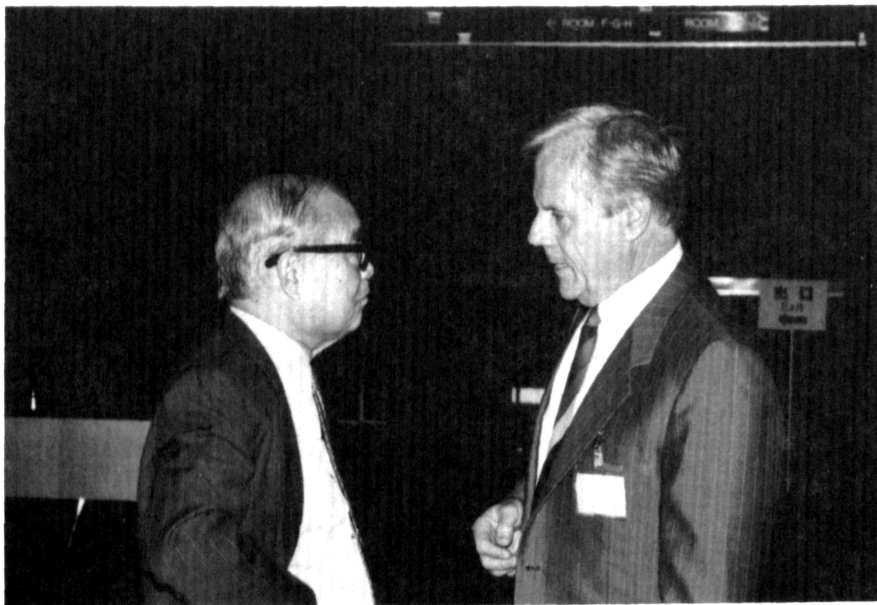
Chairman—Thank you very much, Dr. Kubo, thank you.

Ladies and gentlemen, we have now come to the end of this very successful conference. I now declare this, the Ninth World Conference on Earthquake Engineering, closed.

I hope that all of us shall meet again in Madrid, Spain, at the time of the Tenth World Conference on Earthquake Engineering, to be held in 1992. Thank you again and good evening!



**Dr. H. Umemura, President of IAEE, and Dr. J. Petrovski, Executive Vice-President**



**Dr. K. Kubo, Chairman of 9WCEE, and Dr. J. Penzien, Chairman of 8WCEE**

