



# EMECS NEWSLETTER

# No. 1

A Letter from Hyogo

Hyogo Prefectural Government, Japan

## Greetings from Governor Kaihara



Governor, Hyogo Prefecture

*Toshitami Kaihara*  
Toshitami Kaihara

The International Conference on Environmental Management of Enclosed Coastal Seas '90 (EMECS '90) was held in Kobe, Hyogo Prefecture in August, 1990 in cooperation with many researchers, administrative bodies and research institutes. The success of "EMECS '90" can be seen in the raising of global awareness concerning the environmental protection of enclosed coastal seas.

However, new problems have arisen in the meantime, such as the issue of balance between development and conservation, as well as the oil pollution around the Persian Gulf. These need to be considered along with those issues which have been of concern for many years, such as eutrophication, including the phenomenon of red tides. There is an urgent need to solve these and the great number of other environmental problems facing enclosed coastal seas, particularly considering the great benefit that these have provided to mankind.

I expect that the outcome of EMECS '90 will be a topic of great discussion in the second EMECS conference which will be held in Maryland, U.S.A. in 1993. I believe that the driving force towards the solution of these environmental problems lies in the continued efforts of the researchers and institutions concerned, in addition to the exchange of information and technical skills at the international level.

Nowadays local administrations are required to work with a global outlook. A typical enclosed coastal sea, the "Seto Inland Sea" lies in the domain of Hyogo Prefecture, and representing Japan, Hyogo Prefecture will thus publish this "EMECS Newsletter" for the purpose of information exchange concerning the enclosed coastal seas in the world and to strive towards the development of networks between the persons concerned.

It gives me great pleasure to know that this newsletter will assist the international cooperation for the environmental preservation of enclosed coastal seas in the world.

## For the Inaugural Edition of the EMECS Newsletter



President, the Science Council of Japan  
President, the Central Council for Environmental  
Pollution Control, Japanese Government

*Jiro Kondo*

Jiro Kondo

(Chairman, the Executive Committee of the  
International Conference on Environmental  
Management of Enclosed Coastal Seas '90)

Held in August, 1990 in Kobe, Japan, the International Conference on Environmental Management of Enclosed Coastal Seas (EMECS '90) was the first international conference addressing this particular aspect of the marine environment. The conference attracted a large number of participants both from Japan and overseas and was a resounding success. The participants acknowledged that discussion initiated at the conference should not be allowed to stop there, and that effort to build on the conference's success should continue so as to diffuse the ideas expressed and to achieve some beneficial outcome.

If we are to succeed in managing the environment of our enclosed coastal seas, however, we clearly should draw on our skills not only in the natural sciences, but across a wide range of scientific disciplines including the cultural and social sciences. Moreover, as the environmental problems of our enclosed coastal seas are not confined within national borders, in actuality affecting many countries around the world, our research for solutions to the problems should also be based on a global approach.

It is my belief that one of the most effective ways of coping with the problems will be to seek the cooperation of experts and relevant institutions in many different fields and then to use this support as a base for the construction of an international network which could facilitate the free flow of ideas and technologies between countries.

The publication of this newsletter on the subject of enclosed coastal seas by the Hyogo Prefectural Government - which was instrumental both in proposing EMECS '90 and in getting it off the ground - has been extremely well-timed and should play a very useful role in developing the ongoing exchange of technology and information in the future. I sincerely hope that those involved the world over will make positive use of this newsletter internationally as a vehicle for the exchange of ideas on the subject of enclosed coastal seas.

## Activities after EMECS '90

The Executive Committee of the International Conference on Environmental Management of Enclosed Coastal Seas '90 (Chairman: Dr. Jiro Kondo, President of the Science Council of Japan), formed for the purpose of organizing EMECS '90, was dissolved on March 31, 1991. Since then, the Hyogo Prefectural Government has taken on the responsibility for building on the foundations laid by the conference and for promoting the environmental management of enclosed coastal seas.

Hyogo Prefecture is currently looking not only to promote the holding of further EMECS conferences. Additionally, Hyogo Prefecture is aiming at the development of a register of researchers as a means of building up a network of persons involved in research into enclosed coastal seas while at the same time providing support for developing countries in the field of enclosed coastal sea management. This newsletter, launched this year, is also designed to promote the exchange of ideas between researchers and institutional bodies involved in this field.

At the closing ceremony of EMECS '90, Mr. David Carroll, representative of the State of Maryland (U.S.A.), announced that the second EMECS conference would be held in Maryland in 1992. However, as it became clear that timing of

the conference would conflict with the United Nations Conference on Environment and Development (UNCED - Earth Summit), which is due to be held in Rio de Janeiro, Brazil in June, 1992, the interested parties in Maryland eventually decided to postpone the second conference until 1993.

Preparations for the second EMECS (EMECS '93) are currently in the hands of the Maryland State Government, the University of Maryland and related bodies. The first steering committee meeting, which was held in Baltimore, Maryland from November 4 through November 6, 1991, was attended by Mr. Fujiwara, director of the Hyogo Prefectural Government's Environment Bureau. Details of plans which have so far been agreed for EMECS '93 are shown on page 3.

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## Training in Techniques of Environmental Management of Enclosed Coastal Seas

With sponsorship from the Japan International Cooperation Agency (JICA), since in 1990 the Association for Environmental Conservation of the Seto Inland Sea, one of the organizers of the EMECS '90, has been conducting its "Group Training Course in Systems of Environmental Management of Enclosed Coastal Seas". Hyogo Prefecture is providing the Association with full support for this training program.



The 1991 Trainees

The training program itself forms part of a broader program of technological cooperation with developing countries, and has been designed specifically to cater for leading officials and technicians in administrative bodies engaged in environmental management of enclosed coastal seas and coastal

land areas. Theoretical and practical training courses are centered in Kobe, and cover a variety of subjects including administrative topics, pollution control techniques, water pollution mechanics, and wastewater treatment technology. The 1990 course was attended by eight participants from eight different countries (China, Malaysia, Thailand, Egypt, Saudi Arabia, Turkey, Brazil and Mexico). The 1991 course lasted a little over two months, running from September 24 through December 6, and was attended by seven participants, again all from different countries (China, Colombia, Egypt, South Korea, Saudi Arabia, Thailand and Turkey).

This training course will again be offered in 1993. People interested in enrolling in the course can obtain further information from either the Japanese embassy or JICA offices in their home countries, or else directly from the JICA headquarters in Japan at the following address:

Evaluation & Promotion Division  
Training Affairs Department  
Japan International Cooperation Agency (JICA)  
P.O. Box 216, Shinjuku Mitsui Bldg.,  
2-1, Nishi-Shinjuku, Shinjuku-ku,  
Tokyo, 163 Japan  
Tel: +81 3-3346-5167  
Fax: +81 3-3346-5018  
Cable address: JICAHDQ  
Telex: J22271

## The Second International Conference on Environmental Management of Enclosed Coastal Seas 1993 -EMECS '93

### Message of Governor Schaefer



William Donald Schaefer  
Governor, State of Maryland



Maryland is pleased to extend an invitation to all of the distinguished participants of EMECS '90 to join us on July 19-21, 1993, in Baltimore Maryland, for the Second International Conference on Environmental Management of Enclosed Coastal Seas - EMECS '93.

Following in the tradition of EMECS '90, we will bring together scholars, scientists, resource managers and political

leaders from many countries and regions around the globe as well as from areas throughout the United States, to share scientific, technical and policy-related information about the appropriate use and management of enclosed coastal areas.

The Chesapeake Bay, which is the setting for this conference, is the largest estuary in North America and one of the most beautiful. In a similar fashion to the Seto Inland Sea, the Chesapeake Bay has a deep connection with people's lives and has served as the center for man's activities for many generations. The environmental protection of these and other inland seas and bays is vital.

It is my hope that all of you who are involved in coastal environmental protection will consider participation in this conference, so that we can teach and learn from each other. Through our interactions at EMECS conferences, we can strive to develop new relationships on a global level, in which man and the environment can enjoy mutual prosperity and we become better stewards of these coastal seas for future generations.

DATE: July 19(Monday) ~ July(Wednesday)21, 1993

VENUE: Baltimore Convention Center  
Baltimore, Maryland U.S.A.

#### CONFERENCE THEMES:

Toward effective coastal seas governance: Using science, policy and management to sustain our coastal environments.

#### Conference subthemes:

- \* Perspectives on integrated policymaking and implementation in multi-use, multi-jurisdictional seas.
- \* Advancements in marine and estuarine science and interactions between science and management.
- \* Examinations of citizen involvement in the stewardship of enclosed coastal seas.

ORGANIZERS:Office of the Governor, State of Maryland, U.S.A.  
University of Maryland System, U.S.A.:

Center for Environmental and Estuarine Studies  
Coastal and Environmental Policy Program

CO-SPONSORS:U.S.Environmental Protection Agency, U.S.A.  
National Oceanic and Atmospheric Administration, U.S.A.

National Academy of Sciences, U.S.A.  
Intergovernmental Oceanographic Commission, France

The Marine Forum for Environmental Issues, U.K.  
United Nations Environmental Programme, Kenya

Organization for Economic Cooperation and Development, France

Hyogo prefectural Government, Japan  
(Solicited & a member of EMECS '93 board of directors)

The World Conservation Union  
International Coastal and Management Organization

OUTLINE:EMECS '93 will examine the interactions of science, policy, and management in maintaining coastal environments for the sustained use of their irreplaceable natural resources. Organized by the State of Maryland and the U.S. Federal Government in cooperation with Japan's Hyogo Prefectural



Baltimore Convention Center

Government, EMECS is designed to be a continuing international forum to focus attention on the over-exploitation of coastal resources and the potential for integrated planning of resource use and conservation. It provides a forum for comparative assessment of programs that have been initiated to manage the world's coastal marine environments and their natural resources. The conference's approach will be that of synthesis and analysis, encouraging comparative interpretations by noted scholars, policymakers and scientists. Approximately 1,200 scientists, scholars, officials from governments and international organizations, and representatives of citizen groups are expected to attend.

#### FOR FURTHER INFORMATION:

EMECS '93 Secretariat  
c/o University of Maryland CEES  
P.O.Box 775  
Cambridge, Maryland 21613 U.S.A.  
Tel: +1 410-228-9250  
Fax: +1 410-228-3843

## Establishment of the Institute for Research of the Seto Inland Sea

Environmental problems associated with the Seto Inland Sea are currently being managed under the auspices of the Governors and Mayors' Conference on Environmental Protection of the Seto Inland Sea. The membership is comprised of the 13 prefectures and 5 ordinance-designated cities which border this stretch of water. One of the objectives of EMECS '90, however, is to provide a springboard for the establishment of a new body to be known as the Institute for Research of the Seto Inland Sea.

The new Institute will be made up mainly of people involved in research related to the Seto Inland Sea. Members of the Institute, who will between them cover the entire scientific spectrum from the natural sciences to the cultural and social sciences, will be drawn from different bodies including educational establishment such as universities, national experimental research institutions and private sector corporate research bodies. Activities of the Institute will include the following:

- 1 Research into the environmental management of the Seto Inland Sea and proposing ways in which this stretch of sea might best be utilized.



Dr. Takeshi Goda

- 2 Cooperation with national and regional bodies carrying out studies and research projects related to the Seto Inland Sea.
- 3 Annual symposiums for the purpose of presenting members' research results and for the exchange and dissemination of new ideas.
- 4 Publication of a periodical which will provide the opportunity for members to present their research and exchange information.

Preparations for the establishment of the new Institute are currently in the hands of the a committee headed by Dr. Takeshi Goda, Professor Emeritus of the University of Kyoto. The inaugural general meeting and commemorative symposium are scheduled to take place in Kobe, Japan on March 30, 1992.

## Publications

The following publication are available. Contact: Hyogo Pref. Government at the addresss listed below.

- 1 Summary of Proceedings (Report of EMECS '90)
- 2 Report on Information Network System Concerning Enclosed Coastal Seas  
(A list of researchers & institutions involved in enclosed coastal seas)

Proceedings of EMECS '90 (Special Issue-Vol.23 of "Marine Pollution Bulletin") is available from Pergamon Press for purchase. Contact:

Pergamon Press, Headington Hill Hall, Oxford OX3 OBW, U.K.  
Tel: +44 865-743685; Fax: +44 865-743946.

## Call for Articles

This newsletter derives its name from EMECS (Environmental Management of Enclosed Coastal Seas) and will be published periodically by the Hyogo Prefectural Government in order to provide a forum the exchange of information and ideas on the subject of enclosed coastal seas while disseminating this information to as wide a readership as possible. It will also provide a means of bringing together concerned persons and institutions throughout the world.

EMECS Newsletter is being targeted not only at those directly involved in research into enclosed coastal seas but also at any person or institution involved or interested in this field. We look forward to receiving articles for the newsletter on new studies in specialist areas, information on forthcoming international conferences and, indeed, any sort of information at all on the subject of enclosed coastal seas.

This newsletter is distributed free of charge for the participants in EMECS '90. If non-participants in EMECS '90 wish to receive this newsletter periodically, please forward your address to the publisher.

All submissions to:

The Publisher  
Water Quality Division, Environment Bureau  
Public Health and Environment Department  
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650 Japan  
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