

# OUR GOALS

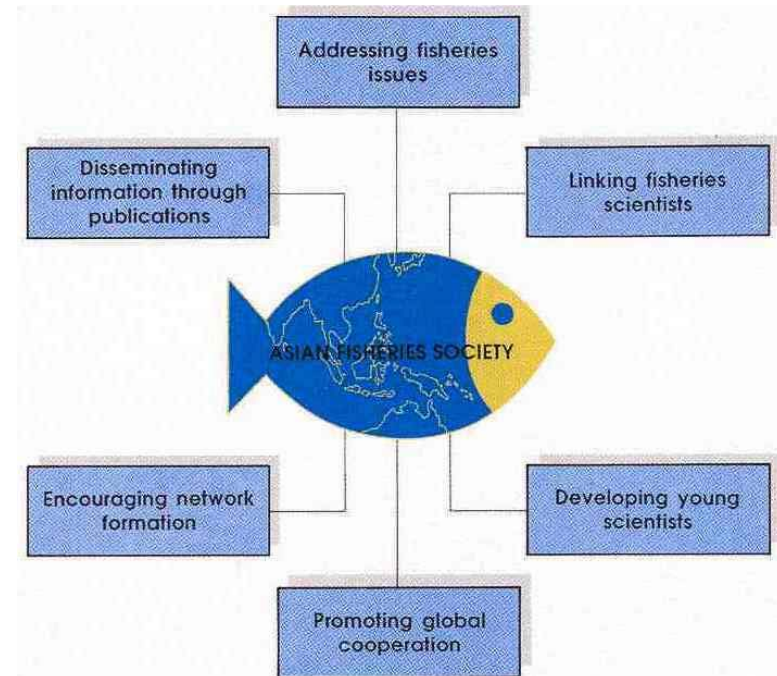
The primary objectives of the Society are:

- To promote effective interaction and cooperation among scientists and technicians involved in fisheries research and development in Asia with a view to encouraging and facilitating research activity complementation, sharing of information and publication of research results;
- To create and propagate awareness of the importance and ways of sound utilization, cultivation, conservation and development of aquatic resources in the region; and
- To promote the establishment of national fisheries societies and to seek affiliation and cooperation with societies, organizations and institutions having similar objectives.

These objectives are to be pursued by:

- Providing an effective mechanism, in the form of an Asian fisheries journal for the dissemination of research and other relevant information;
- Holding, on a regular rotational basis, an Asian Fisheries Forum as a gathering of scientists and technicians who, in their professional capacities, can freely discuss broad issues and specific topics related to fisheries, and publishing the proceedings;
- Providing further opportunities as appropriate for fisheries scientists and technicians to gather by holding meetings, symposia, workshops, conferences and other gatherings; and
- Addressing important issues related to fisheries interests in the region.

*Asian Fisheries Society Constitution*  
*Article III, Sections 1-4*



## PRESIDENT MESSAGE

The Asian Fisheries Society has through twenty years since its founding in 1984, played a significant role in linking the various fisheries sectors, scientists and institutions within Asia and the rest of the world. With the assistance and support of local, regional and international agencies and institutions, the Society continues to undertake two important activities. The triennial Asian Fisheries Forum provides a venue for members to present their most recent findings in their fields of expertise and discuss relevant issues concerning fisheries. The 7<sup>th</sup> Asian Fisheries Forum in Penang, Malaysia will without doubt be as successful as the previous triennial forums in bringing together hundreds of fisheries scientists from countries in Asia and the rest of the world. Through the Asian Fisheries Science journal, and other special publications of the Society, recent developments and trends in fisheries in the region are disseminated to members.

The Society continues to make information on current issues and developments in fisheries more accessible to members. Through our Society's website, (<http://www.asianfisheriessociety.org>) and e-group ([asianfishsoc@yahoo.com](mailto:asianfishsoc@yahoo.com)), increasing numbers of members are now actively participating in the affairs of the society. The communication technologies now available facilitate exchange of views on issues in fisheries and aquaculture bringing new ideas from the diverse expertise and experiences of members. This augurs well for a more dynamic and relevant Society. I urge members to utilize this electronic medium to reach out and express views or simply be in touch with our Society.

While the Society has experienced setbacks in recent years from flagging interest and support of members, and financial problems, it has managed to remain a vital institution through the support of many committed members. I wish to thank them for their concern on the Society's well being and their support. I sincerely hope that more members help strengthen our Society.

To my fellow office bearers and colleagues in the 7<sup>th</sup> Council, I wish to thank you for your unfailing commitment in pursuing our goals. The Society needs every member's support and commitment to be able to attain our goals and objectives.



**CLARISSA L. MARTE**  
President



## TESTING THE WATERS

The history of the Asian Fisheries Society goes back to May 1983 when seven fisheries scientists from Southeast Asia met in Manila to organize a group aimed at improving interaction and cooperation among fisheries scientists and institutions within the region.

At that time, Asian fisheries scientists did not have a common forum to consider and express their views on important issues of mutual concern. With virtually no formal mechanism through which scientists could link up regularly to share information, the process of scientific exchange and research collaboration proceeded in an unsystematic and ineffective manner.

Asia has been the leading world producer of fish. Its long history of fishing and fish farming has attracted several thousand scientists, researchers and students to the field of tropical fisheries and aquaculture. As their numbers grew, the more apparent became the need to improve interaction and cooperation among fisheries scientists and institutions. Thus, the seeds for the Asian Fisheries Society were sown.

The purpose of the 1983 meeting was to plan a regular scientific forum. Initially, this group of seven conceived of only a Southeast Asian forum. This region, however, is but a part of the large Indo-West Pacific faunal zone which stretches from northern Australia into the Indian and western Pacific Oceans. This zone has no cohesive name as far as communities of nations are concerned. The group finally decided to use the term Asian (Fisheries Society), with these considerations in mind.

The idea of forming a society came about as the next logical step: it would ensure continuity of the regional meetings and provide a more organized system for the conduct of activities. The group formed a "Foundation Council for the Proposed Asian Fisheries Forum and the Asian Fisheries Society," and co-opted a few more colleagues to make the Council more representative of the entire Asian fisheries community. Dr. Chua-Thia Eng was elected as the Foundation Chairman. The first public airing of the Council's ideas was through a proposal delivered at the International Conference on Development and Management of Tropical Living Aquatic Resources in Malaysia, August 1983. There was unanimous agreement with the idea of both a regional society and regular forum.

To find out if many others shared the idea of a regular forum and society and were interested enough to join, the WorldFish Center (former International Center for Living Aquatic Resources Management, ICLARM) volunteered to distribute questionnaires through its newsletter. The response was overwhelmingly supportive; over 800 people responded from all over Asia and beyond.



*The group which gathered in Manila on 23-24 May 1983 at the invitation of the WorldFish Center to discuss the need for a regional forum and society.*

*L - R: Dr. Richard Neal (WorldFish Center); Dr. Muhammad Eidman (Indonesia); Dr. Chua Thia-Eng (Malaysia); Dr. Twesukdi Piyakarnchana (Thailand); Dr. Bruce Morton (Hong Kong); Dr. Roger Juliano (Philippines); Mr. Jay Maclean (WorldFish Center) acted as secretary; and Dr. I Chiu Liao (Taiwan).*

## FORMATION OF THE SOCIETY

Encouraged by this enthusiastic response, the Foundation Council met again to finalize plans for the First Asian Fisheries Forum. A constitution for the Asian Fisheries Society was drafted and guidelines for Forum and Society activities were drawn.

On 2 May 1984, in a short, historic meeting, the constitution was adopted as the basis of the Asian Fisheries Society. The Society then held its first general assembly and elected its councilors and first set of officers.

Generous support provided by the following institutions made it possible for those first few crucial meetings to take place: WorldFish Center; International Development Research Center, Canada (IDRC); University of Tokyo, Japan; University of Hong Kong; University of the Philippines in the Visayas; Australian Center for International Agricultural Research (ACIAR).

## GATHERING MOMENTUM

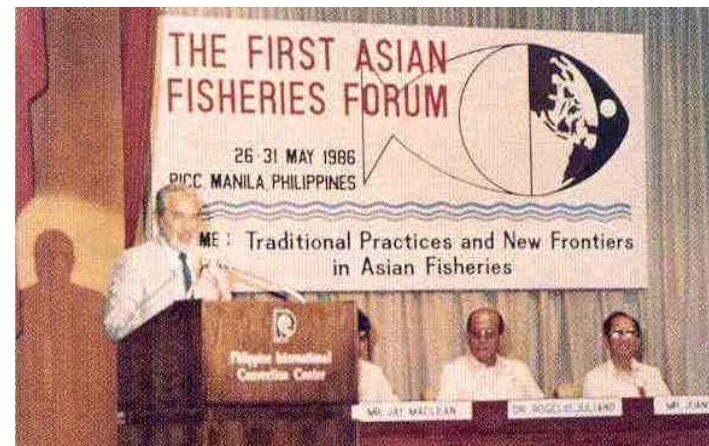
The two years that followed were devoted to preparations for the Society's first major event, the First Asian Fisheries Forum scheduled for May 1986, and undertaking all the myriad tasks required to nurture a young society, including: securing financial support, expanding membership and publicizing the Society and its planned projects.

## THE FIRST FORUM

The First Asian Fisheries Forum was the most significant regional event in this field and a turning point in the development of the Asian Fisheries Society. Held in May 1986 at the Philippine International Convention Center (PICC) in Manila, the Forum focused on the theme "Traditional practices and new frontiers in Asian fisheries." To the small group of scientists who first conceived of the idea three years before, the event was the realization of a dream.

In view of the turbulent events in the Philippines in the months leading up to the Forum, the organizers were anticipating only 250 participants. However, the final attendance was 408 from 27 countries. A total of 230 papers were presented, covering all aspects of Asian fisheries.

During the Forum, the Society also held its second general assembly and elected its Second Council. The Council met, and, in accordance with the Constitution, conducted elections for office bearers of the Society. Dr. Chua Thia-Eng was unanimously re-elected as President.



*The opening ceremonies of the First Asian Fisheries Forum in May 1986.*

The Forum was hosted by the University of the Philippines in the Visayas and the Philippine Bureau of Fisheries and Aquatic Resources.

From the initial seven, the Society has then grown to an organization with a membership of near 2,900 fishery professional members from 75 nations and territories including regions outside Asia.

## ASIAN FISHERIES SOCIETY INC.

In 1987, the Society was registered as a nonprofit, non-stock corporation under Philippine laws. The Asian Fisheries Society, Inc. serves as the legal arm of the Society.

## SUPPORT TO SOCIETY

National, international and donor agencies/bodies provide assistance to the Society in terms of direct monetary aid, travel grant to attend meetings, rural grants, journal/publication support, consultancies, acquisition of a new headquarters, logistical support and guidelines.



*Drs. Chua (L) and Liao look understandably proud following the adoption of the Society's constitution. Dr. Chua became the Society's first President.*



*In a seminar at Los Baños, Philippines, in May 1984. L - R: Drs. Juliano, Neal, Chua, Hirano and Chancellor Rola.*



*Group photograph for the May 1984 meeting at Los Baños. L - R: Drs. Chua, Morton, Liao, Neal, Mr. Maclean, Drs. De Silva, Davy, Lam, Gomez, Hirano, Juliano and Chancellor Rola. Missing is Dr. Piyakarnchana, the photographer.*

# LINKING FISHERIES SCIENTISTS

## THE ASIAN FISHERIES FORUM

To promote scientific interaction amongst members and the community, the Society regularly holds a triennial forum rotating among Asian countries. The Forum brings together fisheries scientists from the region and provides a venue to discuss regional priorities, common problems and research findings.

Each Forum updates the members of recent trends and ongoing research in the region. It provides, particularly for younger scientists, a unique opportunity to learn and evaluate their research. It also provides guidelines and direction to policymakers and planners.

The 3-year interval allows members and interested participants sufficient time to carry out research and prepare quality scientific papers for presentation.

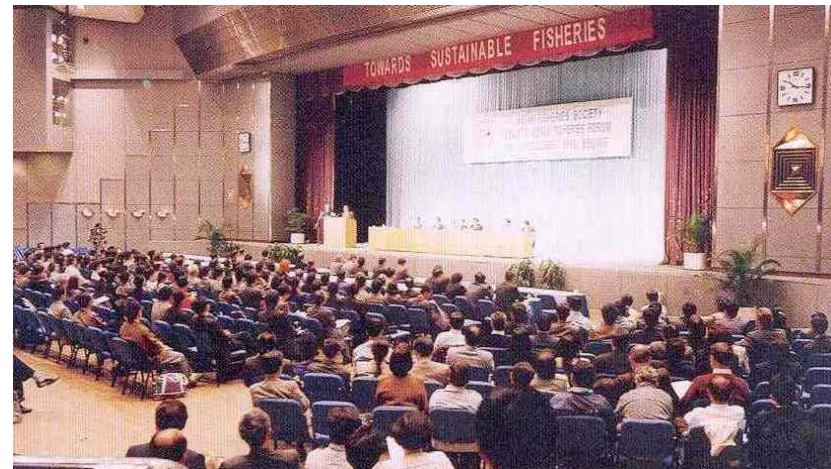
Young researchers are encouraged to take an active part and interact with the large number of fisheries scientists in attendance. Towards this aim, the Society helps young scientists to secure travel support to attend the Forum.



*The Second Forum was held at the Nihon University in Tokyo, Japan, 1989*



*Ribbon cutting ceremony during the Third Forum.*



*Opening ceremonies during the Fourth Forum in Beijing*



*The 4<sup>th</sup> Forum inaugural opening of trade exhibit area*

The published proceedings of each Forum represent the state-of-the-art in fisheries research in Asia and are invaluable references for all fisheries scientists and industry.

The First Asian Fisheries Forum was held in Manila, Philippines, in May 1986 with 408 participants. The Second Forum, held in April 1989 in Tokyo, Japan, brought together 431 participants from 27 countries. The Third Forum, held at Singapore's World Trade Center in October 1992, attracted 684 participants from 53 countries. It featured a series of special symposia and Fish Asia'92, a major trade exhibit of fishery and aquaculture technology. The Fourth Forum was held in October 16-20, 1995 in Beijing, China with over 600 delegates from 52 countries and territories participated. The Fifth forum was held on November 11-14, 1998 in Chiang Mai, Thailand where the Society gathered once more, over 700 workers in fisheries all over the world, bringing forth ideas and experiences on how best to address issues on fisheries and food security beyond the year 2000. The Sixth forum was held on 25-30 November 2001 in Kaohsiung, Taiwan with over 550 participants from 33 countries.

The Seventh Forum will be held in Penang, Malaysia on 30 November – 04 December 2004. The theme of the forum focuses on new dimensions and challenges in Asian Fisheries in the 21<sup>st</sup> century.



*Trade exhibit at the 5<sup>th</sup> Asian Fisheries Forum*



*Dr. I Chiu Liao delivering his closing remarks during the farewell dinner at the 6<sup>th</sup> Asian Fisheries Forum*

# DEVELOPING YOUNG SCIENTISTS

## THE ASIAN FISHERIES SOCIETY RESEARCH FELLOWSHIP AWARDS

The Research Fellowship Awards Scheme aims to upgrade the quality of research in the region by providing financial and technical support to promising young fisheries scientists from developing Asian nations who wish to undertake aquaculture or fisheries research. A grant of up to US\$12,000/year and the technical guidance of scientific advisers are made available to successful applicants to enable them to conduct well-designed, properly planned research. This will produce measurable outputs and add to the wealth of scientific knowledge of relevance to fisheries development.



*Signing of the Memorandum of Understanding between the Society and the International Foundation for Science. (L - R) Then President, Dr. Chua Thia-Eng, IFS Director, Dr. Jaan Tear, Drs Khoo Hong Woo, Yu Swee Yean, T.J. Pandian, Sena De Silva and Mohamed Shariff*

Throughout the duration of their research project, grant recipients coordinate closely with designated advisers selected from a panel of 40 of the Society's senior scientists, whose functions are to assess critically the research progress of the awardees and to provide technical advice. The expertise provided by these scientific advisers has proven invaluable to the success of the scheme.

Since the scheme was established in 1988, about 38 grants worth US\$378,846 have been awarded, mostly to new Ph.D. or M.Sc. graduates, or to postgraduate students doing research leading to a Ph.D. or M.Sc. degree. The output in general has been of high quality with significant impact and results. In addition, most of the successful fellows have been given promotions in rank at their respective institutions; while some have received special citations and awards for their studies.

### Fellowship Grant Awardees

ARSENIA CAGAUAN Philippines  
UPALI S. AMARASINGHE Sri Lanka  
YAN XINHONG China  
KANG CHUNXIAO China  
MOHD FERDOUS ALAM Bangladesh  
JAMILAH BINTI BAKAR Malaysia  
MA. BERNADETTE DE VENECIA Philippines  
SOOSAMA KAVUMPURATH India  
LIU JIASHOU China  
NGUYEN ANH TUAN Vietnam  
MOHD. AKAND AWAL Bangladesh  
WANG HUI China  
TOATA MOLEA Solomon Islands  
FU HONGTUO China  
HAMONANGAN NAINGGOLAN Indonesia  
PATCHAREE TEERASUNTONWAT Thailand  
JU BENSHEG China  
EKO BASUKI Indonesia  
P.T. USHA India  
ROSALIND G. MULLOORPEEDIKAYIL India  
WANG HAN-PING China  
ZHANG WEIMIN China  
ARFAH HARTON Indonesia  
HARJEET SINGH SEHGAL India  
MD. KAMAL KAMAL Bangladesh  
ZHANG YING-PEI China  
PRAPAPORN UTARABHAND Thailand  
KALKULI M. SHANKAR India  
H. SHIVANANDA MURTHY India  
CHADAG MOHAN India  
LI FU-HUA China  
RAMESH RAMACHANDRAN India  
ZHU SONGMING China  
SUBHASH CHANDRA CHAKRABORTY Bangladesh  
LIN XIN-WEI China  
ARMANDO FERMIN Philippines  
TANZA ERLAMBANG Indonesia  
WU HUI China  
ZHANG SI-MING China  
YUSNI IKHWAN SIREGAR Indonesia  
SHEELA GNANAPACKIAM India

### **Project Coordinators:**

Dr. Chua Thia-Eng (1988-93)  
Dr. Mohamed Shariff (1994 to date)

Awarding of fellowships is based on the nature and quality of the proposals on a competitive basis. Applicants must be citizens of nations in Asia, preferably less than 40 years of age and attached to a university, research institution or fisheries-related agency in Asia. A Review Committee evaluates proposals and monitors research progress of fellows.

Funding was earlier provided partly by the International Development Research Center (IDRC) of Canada, the International Foundation for Science (IFS) and, the Philippine Council for Aquatic and Marine Research and Development (PCAMRD), the Aquaculture Department of the Southeast Asian Fisheries Development Center (SEAFDEC), Philippines, and the Taiwan Fisheries Research Institute (TFRI).

The Society envisions a long-term program of regularly providing small grant support to scientists in Asia, and expanding into the Indo-Pacific region through additional assistance from other donors. With the first phase completed with support from IDRC and IFS, the Society continues to seek assistance from other bodies committed to the same undertaking. In 1996, a commitment from the Kanazawa Foundation (specially established for then retired Council Member and University Professor, Dr. Akio Kanazawa by his colleagues, students and friends) to support this undertaking was formalized. Potential counterparts for the joint grant scheme are the International Foundation for Science, the National Bank for Agricultural Development (NABARD India) and the Strategy for International Fisheries and Aquatic Research (SIFAR).



*Research Committee Members at the IDRC Office in Singapore (L - R) Drs. Sena De Silva, Khoo Hong Woo, Ambekar Eknath, Chua Thia-Eng, (standing L - R) T.J. Pandian, Leonor Santos, Yu Swee Yean, Andrew McNaughton and Liu Hsi-Chiang*



*Signing of the Memorandum of Understanding between the Society and the Kanazawa Foundation (L - R) Drs. Mohamed Shariff, Akio Kanazawa, S.C. Pathak, Yew-Hu Chien, Kamonporn Tonguthai and Efren Flores*

## ADDRESSING FISHERIES ISSUES

The Society harnesses its strength as an organized group to make itself heard in the face of significant fisheries-related problems affecting the region. By actively contributing to discussions on fisheries issues throughout Asia, the Society seeks to create public awareness of the importance of sound utilization, cultivation, conservation and development of aquatic resources. The Society's policy is that its statements reflect strictly professional scientific viewpoints free from political overtones.

The Society is actively represented by its Councilors and office bearers in international fora (e.g., the World Fisheries Congress). The papers presented in these fora form the basis of position papers to be presented by the Society on relevant concerns such as the introduction of exotic species, the fisheries education system, resources allocation, biotechnology, donor-assisted fisheries projects and women in fisheries.

## WORKSHOPS

The Society and its branches also conduct annual workshops to address important issues pertaining to fisheries in the region. The proceedings are published and have been made available free to Society members upon request.

- ***The Workshop on Fish Quarantine and Fish Diseases in South and Southeast Asia*** (May 1986, Manila, Philippines) helped to promote research on fish diseases and to create an awareness of the importance and need for quarantine and/or certification programs to prevent the introduction of exotic fish pathogens.
- ***The Workshop on the Introduction of Exotic Aquatic Species in Asia*** (June 1988, Darwin, Northern Territory, Australia) reviewed the impact of species transfer in Asia and explored appropriate measures to minimize its adverse effects.
- ***The Second Fisheries Resource Allocation Workshop*** (October 1990, Beijing, China) stressed the need for economic inputs and assistance from local economists in data collection and analyses. The first workshop (April 1990, Singapore) addressed the issue of fisheries resource allocation in the region and its long-term implications for government policies, fisheries and donor agencies in the fund allocations for research and development.
- ***The Second Workshop on Fisheries Education and Training in Asia*** (October 1991, Taipei, Taiwan) focused on guidelines for the development of fisheries education curricula at various academic levels. The first workshop (May 1987, Japan) considered the issue of a standard fisheries curriculum and identified the need to upgrade fisheries education systems in the region.
- ***The Fifth Asian Fish Nutrition Workshop*** (January 1993, Udon Thani, Thailand) was part of a series of workshops to develop a coordinated regional fish nutrition research program in Asia. Discussions tackled current research in relation to finfish culture, and emphasized on-farm research in relation to semi-intensive culture systems, the predominant form of culture in the region. The Sixth Asian Fish Nutrition Workshop was held in May 1995 in Phnom Penh, Cambodia.
- ***The Fourth Symposium on Diseases in Asian Aquaculture*** (22-26 November 1999, Cebu, Philippines) was organized by the Society's Fish Health Section. It reviewed the status of fish and shellfish diseases and health management in Asia. The Third Symposium was held in Bangkok, Thailand in January 1996. The Second Symposium on Diseases in Asian Aquaculture (October 1993, Phuket, Thailand). The First Symposium was held in Bali, Indonesia in November 1990.
- ***The International Symposium on Biotechnology Applications in Aquaculture*** (December 1994, Taipei, Taiwan) presented an overview of the state-of-the-art in selected fields of biotechnology applications in aquaculture.
- ***International Seminar on Aquaculture in Asia*** (August 19-22, 1997, Tokyo, Japan) presented the status and future prospects of aquaculture industry in Asia.
- ***The First International Symposium on Cage Aquaculture in Asia*** (2-6 November 1999, Tungkang, Taiwan) jointly organized with the Southeast Asian chapter of the World Aquaculture Society presented the status and future directions of cage farming in Asia. Highlights on farming in other parts of the world were also presented.
- ***The International Symposium on the Role of Women in Asian Fisheries*** (13 November 1998, Chiang Mai, Thailand), covered country papers highlighting on the roles and contribution of women and the complexity of gender issues in the fisheries sector.

# DISSEMINATING INFORMATION THROUGH PUBLICATIONS

## ASIAN FISHERIES SCIENCE



*Editor-in-Chief  
Dr. Sena S. De Silva*

When the Society was established in 1984, more than 900 members expressed their desire for a reputable journal that they could afford to subscribe to and in which they could report their scientific findings. To address this need, the Society in December 1987, began publishing *Asian Fisheries Science*, an international fisheries journal.

The Journal strives to provide a professional medium to disseminate the scientific work of fisheries scientists, including those unable to subscribe to expensive journals or pay exorbitant charges to publish their scientific papers. It is open to researchers around the world investigating problems or issues in fisheries and aquaculture related to the Asia-Pacific region. All the papers submitted to the Journal are peer-reviewed by at least two world-renowned scientists.

The Journal has stirred much interest among the fisheries scientific community. To accommodate the growing number of manuscripts submitted, the number of issues per year was increased from two to three in 1991, to four in 1994. Society members now receive the Journal free upon payment of annual dues.

The Society has received support to publish the Journal from: the International Development Research Center (IDRC) of Canada; the Fwu Sow Group; the Hanaqua International Corporation; Southeast Asian Fisheries Development Center (SEAFDEC) Aquaculture Department; and WorldFish Center.

More recent donors include: Charoen Pokphand Group - C.P. Aquaculture Co., Ltd., Thailand; and SAREC Regional Program on Marine Science in Southeast Asia through the Coastal Management Center (CMC).

### ASIAN FISHERIES SCIENCE

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*Deakin University, Australia*

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## SPECIAL PUBLICATIONS

### **Fish Quarantine and Fish Diseases in South and Southeast Asia: 1986 Update.**

J.R. Arthur (Editor). 1987

Report of the Asian Fish Health Network meeting held in the Philippines in 1986.

### **Fisheries Education and Training in Asia**

Workshop Proceedings. 1988.

Reviews fisheries education and training systems in Asia and provides recommendations for fisheries manpower development.

### **Exotic Aquatic Organisms in Asia**

S.S. De Silva (Editor). 1989

Documents a 1988 workshop in Australia, an initial effort of fisheries scientists towards regulating the introduction of exotic species into Asia, as these may introduce diseases, disrupt aquatic communities and lead to the genetic deterioration of host stocks.

### **Fish Nutrition Research in Asia. Proceedings of the Third Asian Fish Nutrition Network Meeting**

S.S. De Silva (Editor). 1989.

Proceedings of the meeting that formalized the Asian Fish Nutrition Network. This volume attempts to obtain a fairly representative cross-section of on-going research on fish nutrition in Asia, depicting the immediate nutrition needs for intensification of the practices in the region.

### **Fish Nutrition Research in Asia. Proceedings of the Fourth Asian Fish Nutrition Workshop.**

S.S. De Silva (Editor). 1991

Proceedings of a workshop held by the Asian Fish Nutrition Network to coordinate a regional fish nutrition research program in Asia. Includes reviews, original research findings, discussions and recommendations which could help direct fish nutrition research in Asia.

### **Asian Fisheries Science: A Profile**

J.L. Maclean (Editor). 1991

Provides information about the state of aquatic sciences research and literature in Asia. It analyzes the results of a study conducted in 1987-89 to investigate the nature of the Asian fisheries science community and its literature output.

### **Resource Allocation to Fisheries Research in Asia**

F.B. Davy (Editor). 1993

These proceedings of two workshops held in 1990 in Singapore and China assessed the status of the allocation of national budget and manpower for fisheries research and development in nine Asian countries.



*Dr. De Silva, exchanging pleasantries with his predecessor, Mr. Jay Maclean*



*The Asian Fisheries Science Journal.*

**Fisheries Education and Training in Asia: Second Workshop Proceedings.**

H.-C. Liu and S.-Y. Yeh (Editors). 1993

The result of a workshop which aimed to develop appropriate curricula to upgrade fisheries education in Asia, these proceedings present curriculum packages for capture fisheries, aquaculture, postharvest technology and general fisheries. Includes an overview of fisheries education in national tertiary establishments in Asia.

**Fish Nutrition Research in Asia. Proceedings of the Fifth Asian Fish Nutrition Workshop**

S.S. De Silva (Editor). 1994

These proceedings reflect current research in nutrition in relation to finfish culture. Emphasis has turned to on-farm research in relation to semi-intensive culture systems.

**Proceedings of the International Symposium on Biotechnology Applications in Aquaculture**

C.-M. Kuo (Editor). 1995

These proceedings present original research reports on the following fields of biotechnology applications in aquaculture: reproduction, stock improvement by gene manipulation, disease diagnosis and vaccination, and resource utilization.

**Aquaculture in Asia: The Proceedings of the Second International Seminar on Fisheries Science in a Tropical Area**

F. Takashima, T. Takeuchi, T. Arimoto and C. Itosu (Editors). 1997

Contains various papers presented in three sessions: Aquaculture in Indonesia and Other Asian Countries, Sea Farming in Japan and Aquaculture in Another Asian Countries.

**Cage Aquaculture in Asia: Proceedings of the First International Symposium on Cage Aquaculture in Asia.**

I Chiu Liao and C. Kwei Lin (Editors). 2000

Provides status of the cage culture industry in Asia and other parts of the world. Proceedings of a symposium held in 1999 in Taiwan. Jointly published with the WAS – Southeast Asian Chapter.

**International Symposium on Women in Asian Fisheries Proceedings.**

M.J. Williams, M.C. Nandeesha, V.P Corral, E. Tech and P.S. Choo (Editors). 2001

Contains the papers presented in the International Symposium on Women in Asian Fisheries (the 6<sup>th</sup> Asian Fisheries Forum), held in Chiangmai, Thailand, 1998.

**Post-Retirement Careers in Fisheries and Aquaculture.**

M.B. New and I Chiu Liao (Editors). 2002.

This book contains papers presented during a special session at the 6<sup>th</sup> Asian Fisheries Forum.

**Global Symposium on Women in Fisheries.**

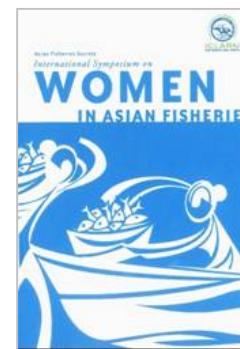
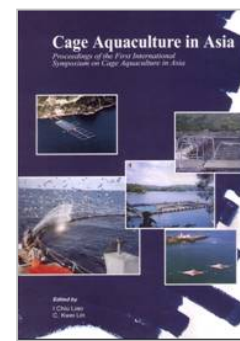
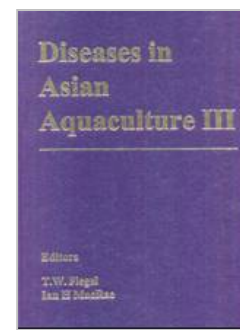
M.J. Williams, N.H. Chao, P.S. Choo, K. Matics, M.C. Nandeesha, M. Shariff, I. Siason, E. Tech and J.M.C. Wong. 2002.

The First Ever Global Symposium on Women in Fisheries (the 6<sup>th</sup> Asian Fisheries Forum), held in Kaohsiung, Taiwan on 29 November 2001 generated the present collection of papers on women in fisheries.

**Aquaculture: Retrospective and Outlook, An Aquaculture Summit.**

C.S. Lee (Editor). 2004.

This book contains the proceedings of a workshop held in Honolulu, Hawaii in November 4 - 7, 2002.



## OTHER PUBLICATIONS

### **Asian Fisheries Directory**

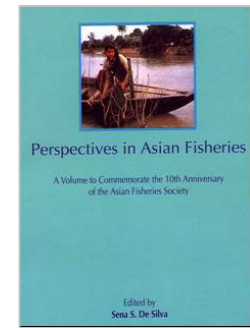
F. Brian Davy (Editor). 1989

A trade directory that helps scientists and technicians locate suppliers of products and information, research equipment, materials, consultants, services and trade items. Also lists fisheries societies, networks, institutions and agencies, both governmental and nongovernmental.

### **Perspectives in Asian Fisheries**

S.S. De Silva (Editor). 1996

This book, which commemorates the Society's tenth anniversary, presents the status, advances and future prospects in fisheries and aquaculture research.



## FORUM PROCEEDINGS

### **The First Asian Fisheries Forum.**

J.L. Maclean, L.B. Dizon and L.V. Hosillos (Editors). 1986.

These proceedings of the First Asian Fisheries Forum held in 1986 in Manila, Philippines, contain 167 scientific papers and major reviews on Asian fisheries and aquaculture, developments in fish nutrition and advances in tropical fisheries research. Includes indices for author and species.

### **The Second Asian Fisheries Forum.**

R. Hirano and I. Hanyu (Editors). 1990.

These proceedings of the Second Asian Fisheries Forum held in 1989 in Tokyo, Japan, contain 228 full and poster papers and major reviews on Asian fisheries and aquaculture, developments in fish nutrition and advances in tropical fisheries research. Includes indices for author and species.



### **The Third Asian Fisheries Forum.**

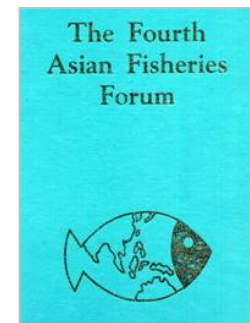
L.M. Chou, A.D. Munro, T.J. Lam, T.W. Chen, L.K.K. Cheong, J.K. Ding, K.K. Hooi, H.W. Khoo, V.P.E. Phang, K.F. Shim and C.H. Tan (Editors). 1994.

Contains 274 scientific papers and 8 abstracts on fisheries research in Asia. Topics range from fish and shrimp culture, capture fisheries, diseases, ecology, biology, genetics, molecular biology, nutrition, physiology, postharvest technology, socioeconomics and ornamental fish. Includes indices for author and species.

### **The Fourth Asian Fisheries Forum.**

Y. Zhou, H. Zhou, C. Yao, Y. Lu, F. Hu, H. Cui and F. Din (Editors). 1997.

Contains 184 scientific papers and abstracts. Topics range from Aquaculture, Capture Fisheries, Diseases, Ecology, Fish Biology, Genetics, Biotechnology, Nutrition, Post-harvest Technology, Socioeconomics, Fishery Resources and Management and Conservation of Aquatic Biodiversity. Includes author index.



## INDIAN BRANCH PUBLICATIONS

- **The First Indian Fisheries Forum Proceedings.** M. Mohan Joseph (Editor). 1987
- **The Second Indian Fisheries Forum Proceedings.** T.J. Varghese, P. Keshavanath, K.V. Radhakrishnan and R.R. Lokeshwar (Editors). 1993
- **The Third Indian Fisheries Forum Proceedings.** C.V. Mohan and M. Mohan Joseph (Editors). 1995
- **The Fourth Indian Fisheries Forum Proceedings.** M. Mohan Joseph, N.R. Menon and N. Unnikrishnan Nair (Editors). 1999
- **Exotic Aquatic Species in India.** M. Mohan Joseph (Editor). 1988
- **Carp Seed Production Technology.** P. Keshavanath and K.V. Radhakrishnan (Editors). 1988
- **Reservoir Fisheries in India.** M. Mohan Joseph (Editor). 1990
- **Breeding of Carps with Ovaprim in India.** M.C. Nandeesh, S.K. Das, D.E. Nathaniel and T.J. Varghese (Editors). 1990
- **Freshwater Aquaculture and Integrated Fish Farming in China.** K.M. Joseph (Editor). 1990
- **Aquaculture in Asia.** M. Mohan Joseph (Editor). 1990
- **Further Observations in Breeding of Carps with Ovaprim.** M.C. Nandeesh, Ramacharya and T.J. Varghese (Editors). 1991
- **Aquaculture Economics.** S.D. Tripathi, M. Ranadhir and C.S. Purshothaman (Editors). 1991
- **Women in Fisheries in India.** S.R. Gadagkar (Editor). 1992
- **Status and Technology of Carp Culture in Andhra Pradesh.** V. Shyam Sunder, M.C. Nandeesh, K. Gopal Rao and S.S. De Silva (Editors). 1994
- **Freshwater Prawn Farming in India.** N.K. Thakur, R. Tiwari and M. Mohan Joseph (Editors). 1994
- **Aquaculture and the Environment.** M. Mohan Joseph (Editor). 1999
- **Periphyton Based Aquaculture and Its Potential in Rural Development.** P. Keshavanath and M.A. Wahab (Editors). 2001

## TAIWAN BRANCH PUBLICATIONS

The list below is the publications with the full or partial support of the Taiwan Branch since 2000.

- **Cage Aquaculture in Asia: Proceedings of the First International Symposium on Cage Aquaculture in Asia.** Asian Fisheries Society and Asia-Pacific Chapter of World Aquaculture Society. I Chiu Liao and C. Kwei Lin (Editors). 2000
- **Keynote Addresses: 5<sup>th</sup> and 6<sup>th</sup> Asian Fisheries Forums.** AFS Special Publication No. 11. I Chiu Liao (Compiler). 2001
- **Post-retirement Careers in Fisheries and Aquaculture.** AFS Special Publication No. 12. M.B. New and I Chiu Liao (Editors). 2002
- **Aquaculture Management.** Asian Productivity Organization, Tokyo, Japan and Taiwan Fisheries Research Institute, Keelung Taiwan. D. A. Cruz (Editor). 2003
- **Aquaculture: Retrospective and Outlook – An Aquaculture Summit.** Asian Fisheries Society and World Aquaculture Society. C. S. Lee (Editor). 2003

## **FISH HEALTH SECTION PUBLICATIONS**

### **Fish Health Section Electronic Newsletter**

Monthly or quarterly - regular basis commencing September 2003

### **Fish Health Section Newsletter**

Two issues a year since 1990

### **Fish Quarantine and Fish Diseases in South and Southeast Asia:**

1986. J.R. Arthur (Editor). 1987

Asian Fisheries Society Special Publication No. 1 (published in association with the International Development Research Center of Canada).

### **Diseases in Asian Aquaculture**

I. M. Shariff, R.P. Subasinghe and J.R. Arthur (Editor). 1992

This valuable reference contains 55 original research and review manuscripts, depicting fish and shellfish health management in the Asia-Pacific region, which were presented during the First Symposium on Diseases in Asian Aquaculture in Indonesia in 1990.

### **Asian Fish Health Bibliography III: Japan.**

H. Wakabayashi (Editor). 1994

Fish Health Publication No. 3 (published jointly with the Japanese Society of Fish Pathology).

### **Diseases in Asian Aquaculture II.**

M. Shariff, J.R. Arthur and R.P. Subasinghe (Editors). 1995

Contains the scientific papers presented during the Second Symposium on Diseases in Asian Aquaculture in 1993.

### **Diseases in Asian Aquaculture III.**

T.W. Flegel and L.H. MacRae (Editors). 1997

Proceedings of the Third Symposium held at Bangkok, Thailand in January 1996. Contains 49 peer reviewed scientific papers.

### **Checklist of the Parasites of Fishes in the Philippines.**

J.R. Arthur and S.C. Lumanlan-Mayo. 1997

FAO Fisheries Technical Paper 369 (Joint publication with FAO).

### **Development of a Regional Research Programme on Grouper Virus Transmission and Vaccine Development.**

In: Bondad-Reantaso, M.G., J. Humphrey, S. Kanchanakhan and S. Chinabut (Editors). 2001

APEC/AAHRI/FHS-AFS/NACA. Report and proceeding of APEC FWG02/2000. Report of a Workshop held in Bangkok, Thailand, 18-20 October 2000. Asia Pacific Economic Cooperation (APEC), Fish Health Section of the Asian Fisheries Society (FHS/AFS), Aquatic Animal Health Research Institute (AAHRI), and Network of Aquaculture Centers in Asia-Pacific (NACA). Bangkok, Thailand.

### **Diseases in Asian Aquaculture IV.**

C. R. Lavilla-Pitogo and E. R. Cruz-Lacierda (Editors). 2002

Proceedings of the Fourth Symposium held at Cebu, Philippines in November 1999.

### **Fish Health Section's 10<sup>th</sup> Anniversary Brochure.**

The brochure contains the milestone of the Fish Health Section's first decade.

## PROMOTING GLOBAL COOPERATION

The Asian Fisheries Society plays a variety of roles in cooperating with national and international societies and institutions.

A formal association with the World Aquaculture Society (WAS) allows the cooperative exchange of publications, enhances the benefits available to members of each society, and broadens the international exchange of information among aquaculture scientists.

The Society also undertakes collaborative activities with its affiliate, the Malaysian Fisheries Society; and helps to promote and organize the World Fisheries Congress, a 5-day global conference for the free exchange of scientific information. Fisheries scientists worldwide who are concerned about the long-term health and wise use of fisheries resources meet to assess the state of the world's fisheries resources and promote scientific collaboration.

The first Congress, held in May 1992 in Athens, Greece, was spearheaded by the American Fisheries Society and the Asian Fisheries Society. The Society co-sponsored the recently conducted 3rd World Fisheries Congress held in Beijing, China (31 October - 03 November 2000). This activity was organized by the China Society of Fisheries.

In November 1998, the Society and FAO/RAP (Bangkok, Thailand) organized a Regional Workshop on the Review of Foreign-Assisted Fishery Projects in Asia. The activity was participated by representatives of various regional and international donor/agencies.



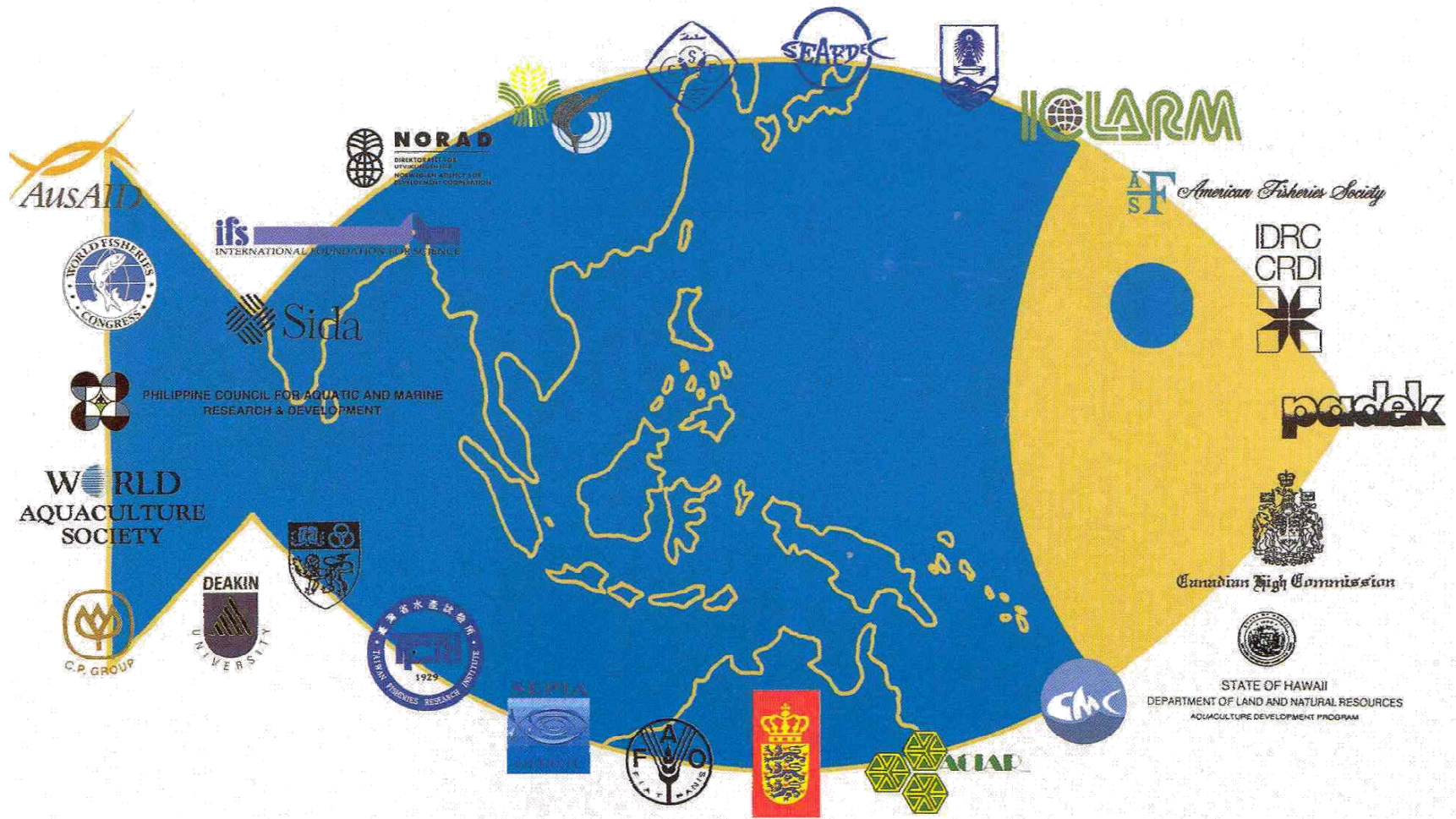
*Former AFS Vice-President, Mr. Darryl Grey, representing the Society at the 2<sup>nd</sup> World Fisheries Congress*



*Smiles and a handshake between Dr. Mohamed Shariff, Chairman of the Malaysian Fisheries Society, and Dr. Chua, affirm the partnership between the two societies.*



*The 3<sup>rd</sup> World Fisheries Congress (October 2000, Beijing China). Dr. Chua Thia-Eng represented the Society in this meeting.*



## ENCOURAGING NETWORK FORMATION

The Society actively encourages the establishment of local branches and promotes affiliation with national societies, organizations and institutions having similar objectives. Local branches provide opportunity for a country's members to organize and become a louder voice in national fisheries issues.

The Society has branch societies in India, Taiwan and Japan; and the national societies of China and Malaysia are affiliated to the parent society.

Members working in specialized fields are encouraged to make use of the Society umbrella to form subject-oriented sections for increased communication and cooperation in their field of interest. The Fish Health Section of the Society and the Social Science Research Network are established sections of the Society.

## THE INDIAN BRANCH

Founded in 1986 at the College of Fisheries, University of Agricultural Sciences, Mangalore, Karnataka State, the Asian Fisheries Society Indian Branch (AFSIB) has 109 active members from all over the country. It has a local chapter in Mumbai, and more are expected to be organized in other parts of India.

In December 1987, the Branch successfully organized the First Indian Fisheries Forum in Mangalore. The event was well attended by scientists and professionals representing diverse sectors of fishery science. This was followed by the equally successful Second (May 1990, Mangalore), Third (October 1993, Pantnagar), Fourth (November 1996, Cochin) and Fifth (January 2000, Bhubaneswar) Fora. It was during the Fifth Forum that Fisheries Exhibition 'Fishennium 2000' was conducted.

During each forum, young scientists are selected, based on the quality of papers submitted, to receive the Young Scientist Award. On the other hand, individuals who have contributed to the development of the Society are given the Dr. K.C. Nayak Memorial Award. In 1993, the Prof. H.P.C. Shetty Award for excellence in fisheries research and/or development was instituted.

The Indian Branch has sponsored several technical workshops on relevant topics such as exotic aquatic species in India, carp seed production technology, reservoir fisheries, aquaculture in Asia, fish nutrition, aquaculture economics, environmental impact of coastal aquaculture, fisheries management, freshwater prawn farming, aquaculture in the third millennium and science, technology coastal zone management and policy.



*The 6<sup>th</sup> Indian Fisheries Forum was held at the Central Institute of Fisheries Education, Mumbai, in December*

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Workshop and Forum proceedings are published and made available to the fisheries community at reasonable cost. The Branch also publishes a biannual newsletter and distribute free to all members.

Upon request from various agencies the Branch has undertaken projects on the development of techniques for breeding carps with Ovaprim; a survey on carp culture systems in Andhra Pradesh; impact of parasites on reservoir fisheries; and breeding of mahseer in Karnataka.

An ongoing project that was started in 1990 is the Aquaculture Library for fish farmers of Andhra Pradesh. The library is now equipped with a large number of books, periodicals and reports received from national and international organizations.

In the year 2000 the Branch embarked on a Human Resource Development program at the initiative of the former Secretary Dr. M.C. Nandeesh. The programme is mainly directed at students and teaching staff of Fisheries Institutes. Professor T.J. Varghese, former Vice-Chairman of the Branch, conducts the program. The response has been overwhelming and so far five programs have been conducted in Mumbai and two in Mangalore.

### ***Indian Branch Inaugurates New Headquarters***

The Branch has recently finished the construction of its headquarters situated at the campus of the College of Fisheries, University of Agricultural Sciences in Mangalore. It houses the office of the Branch, a library, a computer room, a meeting hall and the Fishermen Training Center. Funds for the construction of the training Center were donated by the Government of Karnataka, MP's Area Development through the courtesy of Shri Oscar Fernandes, MP. and Shri Dhananjaya Kumar, MP.

*Chairperson:* Dr. S. Ayyappan

## **THE TAIWAN BRANCH**

The Taiwan branch was the Society's first branch. Founded in September 1985, at the Institute of Fisheries Sciences, National Taiwan University, the branch currently has over 100 members. About 90% are from the academe or research and development institutions, 7% from the private sector, and 3% from the government sector.

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The branch has been actively supporting the Society in many ways. One way is to host and support the Society's meetings such as: the 2<sup>nd</sup> and 9<sup>th</sup> Council meetings in 1985 and 1991, respectively, the International Symposium on Biotechnology Applications in Aquaculture in 1994, the First International Symposium on Cage Aquaculture in Asia in 1999, and the 6<sup>th</sup> Asian Fisheries Forum in 2001. Another way is to fully or partially fund various Society's publications such as the Society's Journal – Asian Fisheries Science, books, proceedings as well as AFS Yearbook.

*Chairperson:* Dr. Guang-Hsiung Kou



*Dr. I Chiu Liao congratulating Dr. Guang-Hsiung Kou, the new Chairperson of the Taiwan Branch of AFS (1998)*



*The speakers of the special session "Post-retirement careers in fisheries and aquaculture" with Dr. I Chiu Liao, AFS President at the 6<sup>th</sup> Asian Fisheries Forum.*

## THE JAPAN BRANCH

The Japan Branch was established in 1994 with about 100 members mostly from universities, governmental agencies and companies, specializing in various fields of fisheries research, education and development activities.

Four years after the establishment of the Asian Fisheries Society, the Second Asian Fisheries Forum was held in Tokyo in 1988. This event was the best opportunity to establish the Branch structure, where many Japanese researchers, scientists and professors as well as students majoring in fisheries were given the opportunity to notice the necessity and importance of international communication in fisheries science especially in tropical and subtropical areas.

The Branch processes membership applications to the Society, distributes the Branch newsletters, and offers a mailing service of the Society journal to Branch members.

The Branch organized the International Seminar on Aquaculture in Asia in August 1997, as the first Branch event. This covered two special topics: (1) Aquaculture in Asia, and (2) Sea Farming in Japan. The following Societies and Organizations provided supports to the Branch: Japan Society for the Promotion of Science (JSPS); Tokyo University of Fisheries; Japan Society of Fisheries Science; Japan Society of Aquaculture and the Japan Society of Fisheries Engineering.

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Although the number of the Branch members is rather stable since the beginning, the members have been actively involved in the Society events through the Fora, Workshops and Section activities. In the 5<sup>th</sup> AFF held in Chiang Mai, Thailand in 1998, Japanese participants reached around 80. During the 5<sup>th</sup> AFF, Prof. A. Kanazawa, one of the founding members of the Japan Branch, was honored to the Gold Medal Award for his contribution to the Kanazawa Foundation.

AFS activities can create the good learning opportunity for the International Cooperation. Some of the Branch members are now strongly involved in the coordinating activities of the Core-University and Multi-Lateral Program under the Japan Society for the Promotion of Science, which encourages the cooperative research and scientific seminars in Asia. The Japan Branch offers the information and access to them for enhancing the cooperation program with Asian countries through the establishment of the better working mechanisms for collaboration.

In recent years, the Branch itself is rather inactive, while the members have strongly engaged in international activities through the Japan Society of Scientific Fisheries, which had the 70<sup>th</sup> Annual Commemorative Symposium in 2000, and the up-coming big event of the 5<sup>th</sup> World Fisheries Congress to be held in Japan in 2008. The up-coming event of the Branch will be the Aquaculture Exposition and Seminar in September 2005 at Fukuoka Convention Center, which covers the scientific and industrial aspects towards the technical improvement for the global movement of aquaculture.

*Chairperson:* Prof. Dr. Fumio Takashima

## THE FISH HEALTH SECTION

The only section within the Society, the Fish Health Section (FHS) was founded in May 1989 with the following objectives: (a) to promote effective interaction and cooperation among persons involved in aquatic animal research; (b) to encourage and promote investigation and advances in knowledge of aquatic animal health; (c) to focus attention on aquatic animal health problems by disseminating technical and other information on all aspects of aquatic animal health; and (d) promote the proper implementation of effective aquatic animal health protection practices in the region.

The FHS is governed by an Executive Committee (ExeCom), with 11 members composed of the Chairperson, Vice-Chairperson, Secretary-Treasurer, and eight ExeCom members including the past Chairperson and the Fish Health Newsletter editor. The FHS Secretariat is hosted by SEAFDEC-AQD and located at SEAFDEC Aquaculture Department.



*Branch Chairman, Prof. Fumio Takashima welcomes participants to the International Seminar on Fisheries Science in a Tropical Area: Aquaculture in Asia (August, 1997)*

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Website: <http://afs-fhs.seafdec.org.ph>

The FHS, holds on a regular basis, a triennial “Symposium on Diseases in Asian Aquaculture” (DAA), a meeting of members and aquatic animal health professionals to discuss broad issues and specific topics related to aquatic animal health; compiles and disseminates proceedings, notes, abstracts of Section-sponsored conferences and workshops and other relevant information on aquatic animal health; promotes the development and use of standardized, internationally accepted techniques for the detection and diagnosis of diseases of aquatic animals of regional importance. Five previous symposia were held in Bali of Indonesia (1990), Phuket of Thailand (1993), Bangkok of Thailand (1996), Cebu of Philippines (1999), and Surfers Paradise -Goldcoast of Australia (2002).

The Triennial General Meeting (TGM) of the Fish Health Section is held in conjunction with the DAA which elects, by ballot, the officers of the Section and serves as a venue to conduct business meeting of the general assembly. The Section also co-organizes scientific symposia or workshops on topics of interest to the membership independently or in conjunction with the Asian Fisheries Society or any other organization with mutual interests in aquatic animal health.

The FHS is financed through the income from Symposium, sale of proceedings, and implementation of projects funded by other organizations. Membership is open to any person interested in the furtherance of the FHS objectives and who is a member of the Asian Fisheries Society in good standing. Current membership spans many regions such as South Africa; Americas (Canada, Mexico, USA); Austral-Asia (Bangladesh, China, India, Indonesia, Iran, Israel, Japan, Korea Rep, Malaysia, Pakistan, Philippines, Saudi Arabia, Singapore, Sri Lanka, Taiwan, Thailand, Australia, Mauritius, New Caledonia, New Zealand, Papua New Guinea); Europe (Belgium, Denmark, France, Germany, Hungary, Italy, Poland, Norway, UK).

The FHS has formal contacts with the following organizations: Asia Pacific Economic Cooperation (APEC), Food and Agriculture Organization of the United Nations (FAO), International Development Research Center of Canada, Network of Aquaculture Centers in Asia-Pacific (NACA), Aquaculture Department of the Southeast Asian Fisheries Development Center (SEAFDEC), World Aquaculture Society and the other professional global societies on aquatic animal health such as Fish Health Section of the American Fisheries Society, the European Society of Fish Pathology, and the Japanese Society of Fish Pathology.

*Chairperson:* Dr. Melba G. Bondad-Reantaso



*Two hundred twelve scientists from 32 countries participated in the FHS/AFS Fifth Symposium on Diseases in Asian Aquaculture (DAAV) held at the Goldcoast International Hotel, Surfer's Paradise, Queensland, Australia from 24-28 November 2002.*

## ASIAN FISHERIES SOCIAL SCIENCE RESEARCH NETWORK SECTION (AFSSRN)

AFSSRN was established in 1983 to address the need to enhance domestic social science research capabilities relative to capture fisheries, coastal resource management and aquaculture in Asia. The aims are even more relevant today due to the increasing recognition of social and political factors in achieving sustainable aquatic resources development.

AFSSRN is currently composed of 15 research teams, totaling more than 80 researchers, at universities, research institutions and government fisheries agencies in Indonesia, Malaysia, Thailand, the Philippines and Vietnam. These AFSSRN member institutions have a strong commitment to social science research related to capture fisheries, coastal resource management and aquaculture.

As the founding member institution of the AFSSRN, ICLARM – The WorldFish Center has a lead role to play in AFSSRN's future. Under the new AFSSRN constitution, a WorldFish Center staff member shall serve as vice-chairman of the executive committee. WorldFish Center staff will continue to provide technical guidance to the AFSSRN.

In 1997, the Asian Fisheries Society accepted the AFSSRN as a section. An AFSSRN meeting was held on 25 October in Phuket, Thailand. The constitution was later drafted and officers were elected. The AFSSRN News is published in NAGA, WorldFish Center Quarterly.

A special session of the AFSSRN on socioeconomic issues in fisheries in Asia was organized at the Fifth Asian Fisheries Forum in Chiang Mai, Thailand in November 1999.

Section members who attended the Fisheries Co-management Research Workshop at the Coastal Resources Institute (CORIN), Prince of Songkla University, Hadyai, Thailand in October 2-7, 2000 are also involved in undertaking research for the phase two of the Coastal Resources Co-management Project undertaken by WorldFish Center.

*Chairperson:* Dr. Nik Mustapha Raja Abdullah, Universiti Putra Malaysia, Serdang, Malaysia

*Vice-Chairperson:* Dr. K. Kuperan Viswanathan, WorldFish Center, Penang, Malaysia

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*Section members at the Fisheries Co-management Research Workshop (October 2000, Hadyai, Thailand)*

## OUR MEMBERS

Beginning with only 14 charter members, the Society had nearly 700 members from 42 countries by the end of its second year. Currently, Society membership comprises near 2,900 scientists (full members), primarily from Asia, as well as many persons (associates) and organizations (institutional and sustaining members) from 75 countries and territories.

Membership categories are:

- **Charter members** - those (14) who signed the Society's constitution.
- **Full members** - persons who are or have been engaged in a branch of fisheries research and possess appropriate academic qualifications or through knowledge and experience, occupy positions that normally require academic qualifications.
- **Student members** - persons studying relevant subjects at a tertiary institution and who have not yet completed their award requirements.
- **Associate members** - persons interested in the objectives and activities of the Society, but who do not qualify for full membership.
- **Institutional members** - institutions that support the objectives and activities of the Society.
- **Sustaining members** - companies or organizations, which support the objectives and activities of the Society.
- **Patrons** - persons who support the objectives and activities of the Society.

Full members comprise about 75% of the membership, and of these, about 70% are holders of Masters or Ph.D. degrees. In each category are a number of founding members. These are persons who responded enthusiastically to a questionnaire about the formation of a Society. They were subsequently sent a "founding member" application form. Altogether 209 are founding members.

## HONORARY LIFE MEMBERS

In 1986, the Society recognized its first Honorary Life Members: Dr. Shao-Wen Ling, the "father" of *Macrobrachium* (giant freshwater prawn) culture and Dr. Katsuzo Kuronuma, well-known Japanese fisheries scientist. In 1992, two more renowned Asian scientists were named Honorary Life Members of the Society: Dr. Yasuo Ohshima (Japan), in recognition of his outstanding contributions to fisheries propagation and aquatic animal science in Japan and Asia; and Dr. S.Z. Qasim (India) whose work on fisheries biology, primary productivity,

Membership category	No. of members
Total as of October 2004	
Full Founding member	203
Full member	2,141
Student Founding member	6
Student member	98
Associate member	352
Institutional member	26
Sustaining member	22
Honorary life member	7
<b>Total</b>	<b>2,855</b>



*Dr. Katsuzo Kuronuma, well known Japanese fisheries scientist, received a plaque of recognition as Honorary Life Member of the Society from Dr. Chua in 1986*



*Honorary Life Member, Dr. Shao-Wen Ling, the "father" of Macrobrachium (giant freshwater prawn) culture, (right) received a plaque of recognition presented by Dr. Liao on behalf of the Society in 1986*

mariculture, estuarine ecology, environmental pollution and Antarctic research have earned him worldwide recognition. In 1995, Dr. I Chiu Liao (Taiwan), Director General of the Taiwan Fisheries Research Institute, was conferred Honorary Life Member in recognition of his pioneering achievements in aquaculture research and his valuable contributions to fisheries science. As professor in the Department of Zoology and the Institute of Oceanography at the National Taiwan University, Dr. Liao contributes to producing competent scientists and researchers in aquaculture. At present, Dr. Liao is the Chair Professor of National Taiwan Ocean University (NTOU) and National Pingtung University of Science and Technology (NPUST), in which he provides overall leadership, direction and vision to aquaculture and fisheries research in Taiwan. In 1998, Dr. Chua Thia-Eng (Malaysia), was conferred Honorary Life Member at the 5<sup>th</sup> Asian Fisheries Forum (Chiang Mai, Thailand), in recognition of his distinguished achievements in pioneering and extensive research in fisheries science and to valuable contributions in coastal area management, environment and marine pollution. Dr. Chua is the Regional Program Director of UNDP-IMO- Partnerships in Environment Management for the Seas of East Asia (PEMSEA). In 2001, Dr. Edgardo Gomez (Philippines) was conferred Honorary Life Member at the 6<sup>th</sup> Asian Fisheries Forum (Kaohsiung), in recognition of his pioneering achievements in marine science especially in coral reefs and giant clams. Dr. Gomez was the founding Director of the Marine Science Institute of the University of the Philippines. Recently, Dr. Gomez initiated the Pacific Seaboard Research and Development Program as planner and coordinator.



*Dr. I Chiu Liao was named Honorary Life Member during the Fifth General Assembly in 1995. Former Society President, Dr. Liu Hsi Chiang, presented the Honorary Membership plaque to Dr. Liao during the Second World Fisheries Congress in Australia in 1996*



*Dr. S.Z. Qasim was named Honorary Life Member in 1992*



*Dr. Yasuo Ohshima was named Honorary Life Member in 1992*



*Dr. Chua Tia-Eng was awarded Honorary Life Membership by AFS President, Dr. I Chiu Liao, at the 6<sup>th</sup> Asian Fisheries Forum in 2001*

## DISTINGUISHED MEMBERS

Gold Awards are bestowed to individuals or institutions in recognition of their significant contribution to the development of the Society.

In October 1995, the first Gold Award was given to Founding President, Dr. Chua Thia-Eng, for unselfishly contributing his scientific and managerial expertise in steering the Society to its international and respectable stature.

Dr. Liu Hsi-Chiang received the second Gold Award in November 1998 in recognition of his managerial expertise, which helped in the development of the Society and for his untiring efforts to solicit financial support for various Society activities.



*1998 Asian Fisheries Society Gold Metal Awardees, Dr. Liu Hsi-Chiang (L) and Prof. Akio Kanazawa (R).*



*Dr. Chua Thia-Eng receiving Gold Medal Award from former presidents Liu Hsi-Chiang and Mohamed Shariff.*

The Kanazawa Foundation, through its founder, Dr. Akio Kanazawa, was recipient of the third Gold Award (November 1998). The Foundation has generously contributed to the Society's Research Fellowship Awards Scheme, which will enable young scientists from Asia to undertake quality research in fisheries science.

## MEMBERSHIP FEES

Recognizing that scientists in the Asian region are poorly paid, the Society did not impose annual dues since it was organized in 1984. Until recently, members paid only a one-time US\$10 entry fee.

In 1992, the General Assembly agreed that, apart from the entry fee, regular financial support (in the form of annual dues) from the membership was needed to sustain the Society's growth and activities, particularly publication of the Society journal, *Asian Fisheries Science*. It emphasized, however, that the dues should not burden the members. Three payment categories (based on country GNP) were drawn up to match members' ability to pay. Collection of annual membership dues began in 1994.

## MEMBERSHIP APPLICATION

Membership is not automatic. Applicants must provide details of their qualifications and evidence of research capability through publication before admittance as full members. Applications are scrutinized by either the Executive Committee or full Council.

## THE COUNCIL

The Society Council holds regular annual meetings to discuss and approve major issues of concern. Since the First Forum in 1986 in Manila, the Council has held 26 meetings. Its Executive Committee members in Manila hold at least two meetings annually and handle routine administrative functions of the Secretariat.



*The 26<sup>th</sup> Council Meeting held at the Asian Institute of Technology (AIT), Bangkok, Thailand.*



*Newly elected AFS President, Dr. Clarissa L. Marte and other 7<sup>th</sup> Council members at the 6<sup>th</sup> AFF, November 2001, Kaohsiung, Taiwan.*

<b>First Council (1984-1986)</b>	<b>Second Council (1986-1989)</b>	<b>Third Council (1989-1992)</b>	<b>Fourth Council (1992-1995)</b>	<b>Fifth Council (1995-1998)</b>	<b>Sixth Council (1998-2001)</b>
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## THE SOCIETY HEADQUARTERS

### BUY-A BRICK CAMPAIGN FOR HEADQUARTERS LAUNCHED

At the Fourth Asian Fisheries Forum held in October 1995, its Council, spearheaded by newly elected President, Dr. Mohamed Shariff and past presidents, Drs. Chua Thia Eng and Liu Hsi-Chiang, launched a fund drive for the newly acquired Society building. The USD 10 per brick campaign stimulated a lot of enthusiasm from both members and friends of the Society present during the Forum. The new building is a multi-leveled townhouse located at UP Village in Quezon City, Philippines. Purchase was made possible by utilizing savings generated during the last ten years and personal loans provided by past and present Council members (at zero interest rate). Donations solicited in Beijing covered part of the loan payments due.

The acquisition of a permanent home for the Society has been made possible through the genuine efforts of its Councilors, members, colleagues and friends the world over.

### THE SOCIETY HQ



*The new Society headquarters*

The AFS Guesthouse is conveniently situated in the heart of Quezon City, amidst principal business, commercial and national government landmarks. It is a short distance from the Quezon Memorial Circle, and is close to the Quezon City Hall and the Philippine Heart Center. It is also less than 2 km. away from the main campus of the University of the Philippines.

The Society is especially indebted to those who have provided the initial funds to put this up.

Chua Thia-Eng  
Flores, Efren Ed  
Gomez, Edgardo  
Japan Branch, AFS (Fumio Takashima)  
I Chiu Liao  
Liu Hsi-Chiang  
Menasveta, Piamsak  
Shariff, Mohamed  
Smith, Robert Bernard  
Chen Jin-Tyan (Taiwan Deep Sea Tuna Boatowners & Exporters Assoc.)  
Lee Tien-Tsai (King Car Food Ind. Co., Ltd.)  
Tsai Ting-Pang (Fong Kuo Shipbuilding Co., Ltd.)



*Founding President, Dr. Chua Thia-Eng is assisted by Mr. Cui He (China) during buy-a-brick campaign (Fourth Forum, Beijing)*

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