



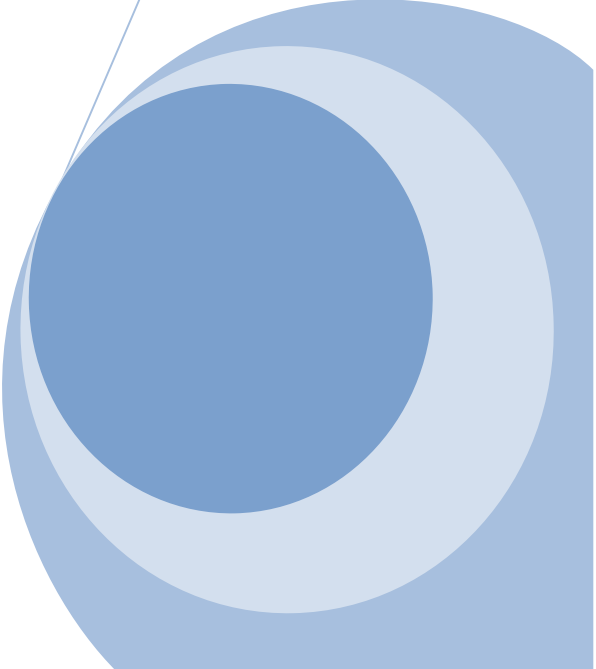
AFS E-Newsletter

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Editor's Note

Wishes for a very happy, healthy and productive 2011. Let all of us in 2011 focus our efforts at ways and means of not only at increasing production, but also sustaining the environment and livelihoods of all those who depend on the sector. 9AFAF is fast approaching and hope that most of you will be attending the Forum which is expected to be the largest organized by the Society so far. Look forward to seeing you all in Shanghai.

Dr. Modadugu V Gupta





Message from the AFS President

Prof. Ida Siason

Dear AFS members,

Greetings and hopes for a transformative New Year to all AFS Members, friends, and readers!

I take this opportunity to give some updates. On top of the list is the appointment of Prof. Dato Mohamed Shariff Mohamd Din as the Editor of the Asian Fisheries Science, the journal of AFS, with effect from December 1, 2010. Likewise, AFS has obtained the services of Ms. Choo Poh Sze as the new Assistant Editor. These twin appointments put a cheerful cap on 2010.

It is crunch time for the organizers of the 9th Asian Fisheries and Aquaculture Forum. The Scientific Committee chaired by the indefatigable Dr. Chan-Lui Lee is busy reviewing the submitted abstracts for a turn-around feedback to authors by January 20, 2011. For those of you planning to be in Shanghai on April 21-25 for this biggest of AFS Triennial activities, please check from time to time the www.9afaf.org website for updates on arrangements and on the program.

Lastly, I remind members to submit nominations for a) the 10th AFS Council, and b) those deserving of AFS awards/recognition. Please download the forms from the AFS website.

I wish you all the best for the coming Year!

HURRY UP – Last Date for Application to AFS - Kanazawa Research Fellowship is 31 January 2011

Hurry up, only few days left for those of you who did not have the time to apply for the Asian Fisheries Society ó Kanazawa research fellowship awards to young Asian scientists. The last date for submission of applications is 31 January 2011.

The AFS is offering awards up to US\$5,000 (research fund) to successful applicants to support their doctoral degree research and US\$1,500 as airfare/accommodation support to attend the 9th Asian Fisheries and Aquaculture Forum (9AFAF) and present a paper (if applicable) and a progress report to the Fundø Committee of the ongoing research study.

Eligibility for the Grant:

1. Any student who is undertaking research for his/her doctoral degree in any aspect of fisheries and aquaculture is eligible to apply for the grant.
2. The applicant should be from one of the countries in Asia;
3. The applicant should not be over the age of 35 yrs as on 28 February 2011;
4. The applicant should have been registered with one of the Universities in Asia and undertaking research in any aspect of fisheries and aquaculture;

Application procedures:

1. Applications are to be submitted in the prescribed format (see attachment);
2. Applications should be accompanied with a brief statement of his/her research project not exceeding 3 pages (including objectives, issues to be addressed and expected outcomes) and two references/recommendation letters from his/her supervisor(s);
3. The application should be accompanied by a letter from his/her Research Supervisor indicating that the Supervisor will supervise the research work and monitor the fund use;
4. The application with attachments should be sent to the Executive Officer, Asian Fisheries Society at c/o Lab. Marine Science and Aquaculture, Institute of Bioscience, Universiti Putra Malaysia, 43400 UPM Serdang, Selangor, MALAYSIA, email: info@asianfisheriessociety.org;
5. The last date for submission of applications is 31 January 2011. Applications reaching AFS after 31 January 2011 will not be considered.

The Asian Fisheries Science Journal Appoints New Editor and Assistant Editor

Prof. Dato Mohamed Shariff Mohamed Din and Ms. Choo Poh Sze have been appointed as Editor and Assistant Editor of the Journal respectively, with effect from 1 December 2010.

Editor: Prof. Dato Mohamed Shariff Mohamd Din



Prof. Shariff is currently Professor of Veterinary Medicine at Universiti Putra Malaysia, Kuala Lumpur. He served as a Member of the Asian Fisheries Society Council since 1986 and was the President of the Society during the fifth council term.. He was also Founder President of the Malaysian Fisheries Society.

Prof. Shariff obtained his Masters and PhD degrees in Aquatic Veterinary Studies from the University of Stirling, Scotland. His research and publications have been on fish pathology. He has won several awards among which are the Vice Chancellor Fellowship Award for Excellence in research in 2002, the Board of Trustees Award from the WorldFish Center in 2001 and several invention awards including the World Intellectual Property Organisation Gold Medal Award (Outstanding Inventor) in 2000 and the Invention Exhibition, Pittsburg, USA for Innovative excellence in 2002. He has served as a Consultant to various international organisations including IDRC, FAO, NACA, INFOFISH, ACIAR, WIPO and The Worldfish Center.

Assistant Editor: Ms. Choo Poh Sze

Ms. Choo Poh Sze retired in May 2009 from the WorldFish Center, Penang, Malaysia after serving for seven years as Science and Policy Specialist and has since worked as consultant in the field of fisheries and aquaculture. Before joining the WorldFish Center, she was with the Fisheries Research Institute, Penang, Malaysia where she worked for 31 years and held various positions: Head of the Mariculture Unit, Head of the Aquaculture Branch and Head of Aquatic Ecology Branch. She holds an M.Sc in Nutritional Sciences from the University of Guelph, Canada, and a B. Sc. (Hons.) in Ecology from the University of Malaya, Malaysia.



Updates From 9AFAF **www.9afaf.org**

The Local Organizing Committee (LOC) of the 9th Asian Fisheries and Aquaculture Forum (9AFAF) and the Shanghai Ocean University (SHOU) takes this opportunity to welcome and say thanks to all of you who will be joining us to make the 9AFAF from the 21st - 25th April 2011 a big success.

During the course of the next few months, progress and information on the 9AFAF will be put upon the front page of the 9AFAF website at www.9afaf.org. We hope participants can access up to date information on the forum and keep up with news from the LOC, 9AFAF.

We have received a large number of abstracts before the closing date on 20 December 2010 and notification of acceptance of the abstracts will be sent to the authors on 20 January 2011. Due date for submission of full papers of accepted abstracts is 20 February 2011.

On requests from participants, LOC has agreed to reduce the registration fee for all foreign full-time undergraduates and post-graduate students. The new rates for foreign students are now **US\$100 and US\$150 (compared to US\$150 and US\$250 previously) for early bird and normal registrations respectively**. This reduction effectively brings the registration fees of ALL students to be the same rates regardless of their countries of origins. We hope this will bring more students from overseas to attend the 9AFAF.

Preparations for the 9AFAF venue, Trade Exhibition (TE), hotel accommodation, registration and the scientific program for 9AFAF are well advanced and mostly completed.

Participants can pay registration fees by **Bank Draft, TT** or by **Credit Card**. Again, kindly visit the Navigation Page of the 9AFAF website: www.9afaf.org and look for the information which are provided in the Sub-pages.

Paying by credit card:

- For **foreign participants**, 9AFAF credit card payment is via **Paypal**. Please pay ONLINE by going to the English Navigation Page of the 9AFAF website and follow the payment instructions. The process is simple and fast.
- For **Chinese participants**, 9AFAF credit card payment is via **ChinaPay**. Please pay ONLINE by going to the Chinese Navigation Page of the 9AFAF website and follow the payment instructions.

Regardless of whether you use the **PayPal** or **ChinaPay** system, please make sure that you print a copy of your payment receipt, bring it with you to the Forum and give it to the Registration Desk who will finalize your registration and provide you with a Forum package.

The Finance department of SHOU has also requested the LOC to inform all participants that payments to 9AFAF via bank draft, TT or Credit card should use the following bank accounts:

- For **International** Registrations/ Trade Exhibition/ Hotel booking use A/c No.: **033733-00801001471** and
- For **Chinese** Registrations/ Trade Exhibition/ Hotel booking use A/c No.: **03867300040009466**

The revised banking instructions are already on the 9AFAF website and the above are included for information only.

We believe the 9AFAF will be the biggest and most comprehensive forum ever organized by the Asian Fisheries Society (AFS) and its Convener, the SHOU. The forum will be hosting the 4th International Symposium on Stock Enhancement & Sea Ranching (4ISSESR), the 9th International Symposium on Tilapia Aquaculture (9ISTA) & the 3rd meeting of the Special Global Symposium on Gender in Aquaculture & Fisheries (GAF3) partly funded by the FAO, UN. In addition to these symposia, the Mekong River Commission annual review and the AquaFish CRSP annual meetings will be held in conjunction with 9AFAF. For all AFS members, the **General Assembly (GA) of the AFS** will also be held during the 9AFAF. During the GA, the new councillors of AFS shall be elected.

In all we expect >1,000 participants to attend the 9AFAF in April 2011.

On behalf of the LOC, the SHOU and the Asian Fisheries Society, I welcome the early participants who have registered and sent their Abstracts. To those who are yet to register, kindly do so **NOW** to take advantage of the early bird rate.

Welcome to the 9AFAF and the SHOU. We look forward to seeing all of you at the Forum from the 21st to 25th April 2011 and hope that many of you will participate in some of the wonderful post-forum tours organised by our providers.

Post forum tours:

We have organized eight 1 and 2 day post-forum tour packages for participants. These tours will cover the scenic regions of SuZhou and HuangZhou. There are Shanghai city tours where participants are given the opportunity to experience a taste of modern and historical Shanghai.

For first time visitor to China, our tours will provide a safe and festive family atmosphere for all forum participants. We encourage all of you to book early to make sure that your preferred tour(s) are available. We will also provide tour services to other provinces in China in the Registration venue

The cost of the tour is not included in the registration fee.

Hotel updates:

We have finalized the booking of JinJiang Inn at Lingang. The room package is very reasonable. JingJiang Inn is a 3-star property, very new and clean. It will serve as one of the two forum hotels during 9AFAP.



Jinjiang Inn, Lingang 6 Rmb270 (about US\$42) single room inclusive of breakfast and daily transfer to forum venue.

The SHOU Postgraduate Training Center and Guesthouse. Single room inclusive of Breakfast is RMB220/day.



Contributed by;

Ms. Tina Zhou
Admin Officer LOC, 9AFAP

News from Taiwan

Contributed by Dr. Shi-Yen Shiau

Annual meeting of Taiwan Fisheries Society

The 2010 Annual meeting of Taiwan Fisheries Society was held on December 11, 2010 at National Taiwan Ocean University in Keelung, Taiwan. This annual meeting brought together some 600 leading aquaculture and fisheries scientists and key commercial workers from Taiwan to discuss important issues including fisheries production, utilization and management. During the meeting, new President and 30th Councilors of the Taiwan Fisheries Society were elected.

- ***Taiwan's grouper aquaculture to benefit from ECFA***

With Taiwan's cultured grouper to be given zero tariff treatment under a landmark cross-Taiwan Strait trade pact. Many grouper farmers are planning to expand their grouper pond production and even fishermen are showing interest in entering the lucrative market.

Taiwan President Ying-jeou Ma predicted that Taiwan will become the largest source of grouper in the world as the fish has been included on Taiwan's "early harvest" list of goods and services that will enjoy preferential tariff treatment under the economic cooperation framework agreement (ECFA). The total annual production value of grouper -- which are mainly raised in Kaohsiung and Pingtung counties in southern Taiwan -- will increase to NT\$7.6 billion (US\$237 million).

Typhoon Morakot ravaged the fishing industry in Pintung County last August reducing the total grouper production by half and contaminating water quality resulting in fish epidemic in the area. Around 30% of the damaged fish ponds are yet to be repaired. Many fishermen anticipate that the signing of ECFA will bring them enough profits to compensate for their financial losses of last year.

Contributed by Dr. Shi-Yen Shiau

News from Korea

Contributed by Dr. Soon-Kil Yi

The Fishery Sciences Association of Korea (FSAK) on 12 November 2010 hosted a Symposium on the Green Growth and Fisheries Science at BEXCO in Busan, Korea. The FSAK comprises of 5 independent societies: The Korean Society of Fisheries and Aquatic Sciences; the Ichthyological Society of Korea; The Korean Society of Fish Pathology; The Korean Society of Fisheries Technology; and The Malacological Society of Korea.

Three invited lectures on: (i) "Zero emissions and sustainable fisheries science" by Dr. Teisuke Miura of Hokkaido Industrial Technology Center); (ii) "Norwegian fisheries and possible reduction of GHG emission" by Prof. Herald Ellingsen of Norwegian University of Science and Technology; and (iii) "Green growth strategy in fisheries development" by Mr. Joonsuck Kang of the Ministry of Land, Transportation and Maritime Affairs) were presented in the morning session. This was followed by 68 oral presentations and 306 poster presentations in the afternoon session.



Dr. Bae, S. C (former president of World Aquaculture Society), myself and Dr. Lee, J. Y (president of Korea Society of Fisheries and Aquatic Science)

EFFECTS OF DIETARY NUCLEOTIDES ON THE IMMUNE RESPONSE AND GROWTH OF JUVENILE PACIFIC WHITE SHRIMP *Penaeus vannamei*

Studies undertaken by Karen Grace S. Andrino*, Augusto E. Serrano Jr. of the Institute of Aquaculture, College of Fisheries and Ocean Sciences, University of the Philippines on the effects of dietary supplementation of nucleotides on immune response, survival against WSSV challenge infection and growth of Pacific white shrimp *Penaeus vannamei* juveniles indicated that dietary supplementation of nucleotides result in beneficial effects in improving growth, feed utilization, protein utilization and accelerates shrimp immune response against WSSV infection.

Contributed by Dr. Karen Grace S. Andrino

SEAFDEC HOSTS FAO EXPERT WORKSHOP ON FEEDS

Contributed by: Ms Mila Castañón



An expert workshop on “On-farm feeding and feed management in aquaculture” was organized during 13-15 September 2010 in Manila, Philippines and was hosted by the Aquaculture Department of the Southeast Asian Fisheries Development Center (SEAFDEC/AQD) for the FAO. The workshop was attended by 47 participants from FAO member countries and regional organizations. Results of farm surveys in Bangladesh, China, India, Philippines, Thailand, Vietnam, Egypt and Ghana were presented and discussed.

From the regional reviews and case studies from eight countries, the experts opined that the use of high quality feeds does not necessarily mean high returns. There was consensus among the participants that proper feed management protocols can reduce cost of production by 15-20%, resulting in increased profits for fish farmers.

Among the issues identified in on-farm feeding and management were: (1) limited access to farmers information on feed and feed ingredients as to their availability, prices and quality; (2) poor feed preparation and processing at the farm level; (3) lack of monitoring of feed and farm performance; (4) weak extension and dissemination of new strategies for improved feeding management (like alternate and skip feeding); (5) gaps in understanding the economic aspects of feed management; (6) lack of



knowledge on health indicators for farm stock and integration of knowledge in feed management; and (7) need for mechanisms to regulate feed quality.

The species covered in the workshop were Nile tilapia, Indian major carps, striped catfish, whiteleg shrimp, tiger shrimp and freshwater prawn.

Captions:

1. SEAFDEC/AQD Chief Dr. Joebert Toledo (in white) outlines AQD's historical work on feed development and its promotion of science-based, sustainable aquaculture technologies and practices
2. Feeding of milkfish fry in nursery pond using feeds formulated and manufactured in SEAFDEC/AQD's feed mill
3. Participants of SEAFDEC/AQD course on abalone hatchery and grow-out in Iloilo, Philippines during their practicals on feed formulation

SEAFDEC CONDUCTS FRESHWATER AQUACULTURE TRAINING

Contributed by: Ms Mila Castañon



Aquaculture Department of SEAFDEC organized 10 day training course on "Community-based freshwater aquaculture for remote rural areas of Southeast Asia" for eight trainees from Cambodia, Indonesia, Lao PDR, Malaysia, Myanmar, Thailand and the Philippines during 8-18 November 2010 in Iloilo, Philippines.

The lectures and practicals dealt with an extensive range of topics, which included the overview of freshwater aquaculture in Southeast Asia; hatchery, broodstock management & grow-out of commercially-important freshwater species like tilapia, bighead carp, catfish, and freshwater prawn; aquatic ecology; design & construction of tanks, cages, pens and ponds; preparation of feed and hormone for tilapia & catfish; the major diseases of freshwater fish/prawn; and the sustainable management of small-scale freshwater aquaculture. In addition to the lectures and practicals, the participants visited the Igang and Dumangas stations of SEAFDEC/AQD, a private catfish farm in Iloilo, and a community-managed tilapia cage culture in Capiz.



- (1) Participants of the *Community-based freshwater aquaculture training for remote rural areas of Southeast Asia*
- (2) Trainees strip catfish eggs during the practicals on artificial fertilization
- (3) Trainees discuss with tilapia cage operators during the participatory rapid appraisal exercise