

ABSTRACT DEADLINE EXTENDED UNTIL 15 AUGUST 2002  
EARLYBIRD REGISTRATION CLOSES 30 SEPTEMBER 2002

# Symposium Registration



HEALTHY WEALTHY AND WISE

## 5th Symposium on Diseases in Asian Aquaculture

24-28 NOVEMBER 2002

PROUDLY HOSTED BY



PRINCIPAL SPONSOR



**CSIRO**

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Primary Industries



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THE UNIVERSITY  
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SUPPORTER

24-28 November 2002 Gold Coast International Hotel, Surfers Paradise, Queensland, Australia

# Invitation to Attend

On behalf of the Organising Committee, I take great pleasure in inviting you to attend the 5th Symposium on Diseases in Asian Aquaculture being held on the beautiful Gold Coast. The Symposium will focus on many of the health issues affecting aquaculture management and production in the Asia Pacific region.

Complementing the keynote and invited speakers program will be a social program which will allow delegates the opportunity to experience the local cuisine and sights of Australia's Gold Coast.

I look forward to meeting you at the Symposium in November!

Surpanee Chinabut  
Chair, Asian Fisheries Society  
Fish Health Section

## VENUE

The event will be held at the Gold Coast International Hotel. The venue boasts a 5 star reputation and is located centrally in Surfers Paradise. It is also home to a fully functional convention centre. The centre has been built within the main hotel complex and supports eleven meeting rooms and facilities that are flexible, multi usable and fully equipped.

## LOCAL ORGANISING COMMITTEE

Chair:	Richard Callinan	NSW Fisheries, Australia
Program Chair:	Peter Walker	CSIRO, Australia
Treasurer:	Chris Baldock	AusVet, Australia
Sponsorship Committee:	Tiina Hawkesford	Qld Department of Primary Industries, Australia
	Bob Lester	University of Queensland, Australia

## PROGRAM COMMITTEE

Peter Walker	CSIRO, Australia
Melba Reantaso	Network of Aquaculture Centres Asia-Pacific, Thailand
Timothy Flegel	Mahidol University, Thailand
Rohana Subasinghe	Food & Agricultural Organization of the UN, Italy
Peter Beers	Biosecurity Australia
Mike Hine	Ministry of Agriculture and Fisheries, New Zealand
Barry Munday	University of Tasmania, Australia
Barry Hill	Centre for Environment, Fisheries and Aquaculture Sciences, UK
Celia Lavilla-Pitogo	SEAFDEC, Philippines
Angus Cameron	AusVet, Australia

## REGISTER ONLINE

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

# Keynote & Invited Speakers

The following distinguished invited speakers have agreed to attend the Symposium:

TOPIC	SPEAKER	COUNTRY
Ornamental fish diseases	<b>Ellen Ariel</b> , EU Community Reference Laboratory For Fish Disease	DENMARK
International trade and risk analysis	<b>Chris Baldock</b> , AusVet Services	AUSTRALIA
Biosecurity - A new word for an old concept	<b>Peter Beers</b> , Biosecurity Australia	AUSTRALIA
Aquaculture health management - the Australian experience	<b>Iain East</b> , Agriculture, Fisheries & Forestry – Australia	AUSTRALIA
Farm level risk factors for white spot disease outbreaks	<b>Flavio Corsin</b>	ITALY
Vibriosis and the role of phage	<b>Timothy Flegel</b> , Mahidol University	THAILAND
The role of extension in health management	<b>Derek Foster</b> , Rural Industry Business Group	AUSTRALIA
Vaccine development for Asian aquaculture	<b>Luc Grisez</b> , Intervet Norbio Singapore Pty Ltd	SINGAPORE
Feasibility of preventing transboundary spread of aquatic animal diseases	<b>Barry Hill</b> , The Centre for Environment, Fisheries & Aquaculture Sciences	UNITED KINGDOM
Ranavirus of fish, amphibians and reptiles	<b>Alex Hyatt</b> , CSIRO	AUSTRALIA
Emerging diseases of soft-shelled turtles	<b>Yulin Jiang</b> , Shenzhen Exit & Entry Inspection And Quarantine Bureau	CHINA
Diseases of pearl oysters	<b>Brian Jones</b> , Fisheries Western Australia	AUSTRALIA
Phage therapy	<b>Indrani Karunasagar</b> , College of Fisheries Mangalore	INDIA
White spot syndrome - what we have learned about the virus and the disease	<b>Chu-Fang Lo</b> , National Taiwan University	TAIWAN, ROC
Farm level biosecurity in aquaculture	<b>CV Mohan</b> , College of Fisheries Mangalore	INDIA
Recent advances in – nodaviruses and iridoviruses in Asian aquaculture	<b>T Nakai</b> , Hiroshima University	JAPAN
Marteilioides infections	<b>Mi-Seon Park</b> , National Fisheries Research & Development Institute	KOREA
Aquatic animal health management in Asia	<b>Melba Reantaso</b> , NACA	THAILAND
Probiotic bacteria - are they beneficial?	<b>Sirirat Rengpirat</b> , Chulalongkorn University	THAILAND
Genetic analysis of vibrios and development of biocontrol for luminous bacterial disease	<b>Antonius Suwanto</b> , Bogor Agricultural University	INDONESIA
Improving aquatic animal health in Asia	<b>Rohana Subasinghe</b> , FAO	ITALY
Innate immunity in vertebrates and invertebrates	<b>Willem B Van Muiswinkel</b> , Wageningen University	NETHERLANDS
The WSSV genome	<b>Just M Vlak</b> , Wageningen University	NETHERLANDS

# Program Overview

## SUNDAY 24 NOVEMBER 2002

- 1630 – 1830 Registration at the Gold Coast International Hotel  
1830 – 2030 Welcome Reception at the Gold Coast International Hotel

## MONDAY 25 NOVEMBER 2002

- 0800 Registration recommences  
0830 - 1800 Plenary sessions incorporating the following topics:  
Opening Ceremony  
Aquatic animal health management in Asia  
Food safety in aquaculture  
Biosecurity and Risk Assessment  
Emerging diseases of finfish, amphibians and reptiles  
1830 – 2000 EUS Workshop  
2000 – 2200 Student reception  
*Sponsored by World Aquaculture Society*

## TUESDAY 26 NOVEMBER 2002

- 0815 - 1800 Plenary sessions incorporating the following topics:  
Epidemiology  
Shrimp Health  
Emerging technologies

- 1800 – 2000 Fish Health Section Meeting  
2000 – 2230 Optional BBQ at Hard Rock Café

## WEDNESDAY 27 NOVEMBER 2002

- 0815 – 1330 Plenary sessions incorporating the following topics:  
Immunology  
Probiotics and therapeutics  
Free afternoon with the following optional activities offered:  
Aquaculture Farm Tour  
Golf at Sanctuary Cove  
Currumbin Bird Sanctuary and Wildlife Park

## THURSDAY 28 NOVEMBER 2002

- 0815 - 1800 Plenary sessions incorporating the following topics:  
Trans - boundary diseases  
Mollusc Health  
The Future of Aquaculture Health in Asia  
Closing Ceremony  
1900 until late Symposium Dinner at Sea World

## WORKSHOP DETAILS

The following workshops are being held after the Symposium:

**Epidemiology-Biosecurity Workshop**  
**29 – 30 November 2002**  
**Gold Coast International Hotel**  
**Fee: AUD\$150**

(includes room hire, morning teas, lunches and afternoon teas as well as accommodation for speakers who will donate their time).

A two-day workshop on the epidemiological aspects of biosecurity at the zone, national and international levels will be held on 29-30 November 2002 after the 5th Symposium on Diseases in Asian Aquaculture.

Workshop trainers include:

Angus Cameron BVSc (Hons II), MVS, PhD, MACVSc  
Chris Baldock BVSc (Hons I), MPVM, PhD, FACVSc  
Iain East BSc (Hons), PhD  
Edmund Peeler MA, VetMB, MSc, PhD, MRCVS  
Barry Hill BSc(Hons), PhD

The purpose of the workshop is to assist participants to gain a better understanding of the epidemiological principles underpinning disease surveillance, zoning and import risk analysis in aquatic animal health.

**Asia-Pacific Regional Program on Molluscan Health Management Phase II: Training Workshop and Evaluation of Country-Specific Survey Results**  
**29 November - 4 December 2002 inclusive**  
**Grace College, University of Queensland, Brisbane**  
**Fee: AUD\$520**

(includes registration, accommodation, meals, contribution for trainers and room hire).

A 5 1/2-day training workshop in mollusc histopathology and diagnosis will follow DAA5. Reference material will be examined together with histological and other preserved items from country-specific surveys. Discussion of data collection issues is planned together with standardisation of diagnostic methods, the Quarterly Asia-Pacific Aquatic Animal Diseases Reporting System for Molluscan Diseases, and Emergency Response procedures. A concept for the Phase III Workshop will be developed.

Workshop Trainers:

Dr Rob Adlard, Queensland Museum, Australia  
Dr Franke Berthe, IFREMER, France  
Dr Sharon McGladdery, Department of Fisheries & Oceans, Canada  
Dr Brian Jones, Fisheries Western Australia  
Dr Judith Handler, DPIWE, Tasmania  
Dr Sarah Kleeman, Biosecurity Australia  
Dr Melba Reantaso, Department of Natural Resources, MD, USA

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## SOCIAL PROGRAM OPTIONS

### Welcome Reception

**Sunday 24 November 2002 - Gold Coast International  
1830 – 2030 hours**

Take the opportunity to relax with new and old friends at the official Symposium Welcome Reception. Attendance is included for all registrants. Additional tickets may be purchased for AUD\$45 per person.

### Student Reception

**Monday 25 November 2002 - Gold Coast International  
2000 – 2100 hours**

Students are invited to attend a student reception sponsored by the World Aquaculture Society. Attendance is for students only.

### BBQ Evening (optional activity at an additional cost)

**Tuesday 26 November 2002 - Hard Rock Café, Surfers Paradise  
Cost: AUD\$35 per person (beverages at individual's expense)**

Enjoy a relaxing evening at one of Surfers Paradise's icons – the Hard Rock Café. A traditional Aussie BBQ will be served (free of pork products). Tickets are AUD\$35 per person which includes food only. Beverages will be at your own cost.

### Symposium Dinner

**Thursday 28 November 2002 - Sea World  
1900 – 2200 hours**

The dinner will be one of the Symposium highlights as it includes a behind the scenes tour of Sea World. After the tour, delegates will be able to enjoy a sumptuous banquet. Attendance is included for all registrants. Additional tickets may be purchased for AUD\$95 per person which includes coach transfers.

## Wednesday Afternoon Tour Options

### OPTION 1

**Aquaculture Farm Technical Tour  
Gold Coast Marine Aquaculture Farm, Woongoolba**

**Cost: AUD\$25 per person**

Gold Coast Marine Aquaculture is a large prawn hatchery and grow-out farm located near the Logan River. A bus will take participants to the farm and on a tour around the ponds and facilities. Refreshments will be provided.

### OPTION 2

**Golf Afternoon  
Palms Course, Sanctuary Cove Resort**

**Cost: AUD\$85 per person**

The Palms Course at Sanctuary Cove is a world renowned championship golf course. Take the time with colleagues for a friendly golf competition. Includes coach transfers and a golf cart.

### OPTION 3

**Australian Wildlife Experience  
Currumbin Bird Sanctuary**

**Cost: AUD\$35 per person**

Experience Australian wildlife at the magnificent Currumbin Sanctuary where you will be able to feed kangaroos and other Australian wildlife. The native bird feeding is a spectacle not to be missed. Includes park entry and coach transfers.

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## ACCOMMODATION OPTIONS AND PRICES

### Gold Coast International Hotel (Symposium venue)

This 5 star hotel offers guests the very best of Gold Coast hospitality with 24 hour reception and room service, 4 bars, 4 restaurants, swimming pool, spa, sauna, tennis courts, gymnasium and guest laundry. Each room offers views over the ocean or the hinterland mountains, private balcony, individually controlled air conditioning, colour TV, direct dial telephones, mini bar and ironing facilities.

Single/Double/Twin Room	AUD\$120.00 room only
Single	AUD\$135 including breakfast
Double/Twin	AUD\$150 including breakfast

### Outrigger Sun City Resort

Located opposite the Gold Coast International and 150 metres from the beach, This 4.5 star resort style property offers spacious 2 bedroom apartments complete with private balconies, fully equipped kitchen, in-house movies, in-room safe and weekly cleaning service. The resort provides a restaurant, bar, coffee shop, indoor and outdoor pool, children's pool, spa, tennis courts, sauna and fitness centre.

2 Bedroom Apartment	AUD\$240.00 per night
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### Novotel Beachcomber

Located approximately fifteen minutes walk from the Gold Coast International Hotel, this 4 star hotel features 24 hour reception, swimming pool, spa and sauna, tennis court and gymnasium. Rooms offer individually controlled air-conditioning, colour TV, ironing facilities, in room safe, mini bar, private balcony and direct dial telephone.

Single/Double/Twin Room	AUD\$98.00 per night
Single/Double/Twin Room	AUD\$128.00 including breakfast

**\* Please note that the Gold Coast has a variety of accommodation available. Please contact the Symposium Managers if you would like further information.**

## DELEGATE FUNDING

Limited financial support may be available to students and young scientists from developing Asian countries who have been accepted for oral or poster presentations. Please note that to apply for funding, you must provide a letter of recommendation and a short curriculum vitae (no more than 1 A4 page) to the Symposium managers on email [daa5@ozaccom.com.au](mailto:daa5@ozaccom.com.au)

As funding is limited, the decision of the selection panel is final.

For more information, please check the Student Affairs page on the Symposium website.

# Registration Fees

	Before 30 Sept 2002	After 30 Sept 2002
Member	AUD\$500	AUD\$560
Non-member	AUD\$600	AUD\$660
Student	AUD\$350	AUD\$450

## Registration includes:

Attendance at all symposium sessions

Welcome reception

Opening ceremony

Morning and afternoon teas

Lunches

A satchel containing the symposium handbook and other important information

Closing ceremony

Symposium dinner

## Cancellation and Refund Policy

Cancellations for registration and accommodation will only be accepted in writing. Cancellations made prior to 24 October 2002 will be refunded less 25% to cover administration costs.

### No registration refunds will be made after this date.

As an alternative to cancellation, your registration may be transferred to another person without penalty.

## Air Travel

Discounted air travel has also been negotiated for the Conference, with all domestic bookings being processed through Ozwings (a division of Ozaccom). Non-Conditional and Conditional discounts of up to 60% off the full economy airfare have been negotiated, subject to seat availability at time of booking. As Ozwings is also a licenced travel agent and can co-ordinate all your travel requirements including alternate airlines and current promotional fares.

**Australian National Toll Free: 1 800 814 611**

**Brisbane Metropolitan: 07 3854 1611**

Flight cancellations will be subject to the conditions specified on your ticket. Please enquire with Ozwings when purchasing your ticket regarding cancellation conditions.

Cancellation of additional tickets for social functions will be available if participation is cancelled more than 48 hours prior to the function.

## Disclaimer

The information in this brochure is correct at the time of printing. The Organising Committee of the 5th Symposium on Diseases in Asian Aquaculture reserves the right to change without notice any aspect of the program.

## Payment

All prices are in Australian dollars and are inclusive of 10% GST. Cheques or drafts must be made out in Australian currency and drawn on an Australian bank. Alternatively, payment by credit card is acceptable. Registration forms may be sent by facsimile only if payment is by credit card.

## Optional Tours and Social Activities

Please note that with the exception of the Welcome Reception and Symposium Dinner, all tours and social activities are at an additional cost. These are also based on minimum numbers, if numbers should not be reached then the organisers reserve the right to cancel the tour. All monies will be refunded in the event of optional tour or function cancellation



# Registration

Please complete and return this form with payment to:

5th Symposium on Diseases in Asian Aquaculture

C/- OzAccom Conference Services PO Box 164 FORTITUDE VALLEY QLD 4006 Fax: +61 7 3854 1507

or register online – <http://afs-fhs.seafdec.org.ph>

Please complete one form per delegate. The form may be photocopied.

Please note that in registering for this symposium relevant details will be incorporated into a delegate list for the benefit of all delegates (name and organisation only), and may be available for parties directly related to the symposium including the Asian Fisheries Society, The OzAccom Group, the Organising Committee, venues and accommodation providers (for purposes of room bookings and conference activities) and sponsors (subject to strict conditions).

## SECTION 1: PERSONAL DETAILS

Surname: ..... Title (eg Mr/Mrs/Ms/Dr): ..... Given Name: .....

Organisation: ..... Position: .....

Postal Address: .....

..... Suburb/Town: ..... State: ..... Postcode: .....

Tel (w): ..... Fax: ..... Tel (H): .....

Email: .....

Special requests: Please note any specific dietary, medical or other requirements eg. Wheel chair access, vegetarian meals. Special meal time arrangements can be made for delegates involved in Ramadan. Please advise if you require this.

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.....

## SECTION 2: REGISTRATION FEE

	Before 30 Sept 2002	After 30 Sept 2002
Member	<input type="checkbox"/> AUD\$500	<input type="checkbox"/> AUD\$560
Non-Member	<input type="checkbox"/> AUD\$600	<input type="checkbox"/> AUD\$660
Student	<input type="checkbox"/> AUD\$350	<input type="checkbox"/> AUD\$450

Sub-Total \$ .....

Name for lapel badge: .....

## SECTION 3: INCLUSIVE FUNCTIONS FOR REGISTRANTS

(for catering purposes, please tick the functions you will be attending)

- Welcome Reception
- Monday Lunch
- Tuesday Lunch
- Wednesday Lunch
- Thursday Lunch
- Symposium Dinner – Sea World

## SECTION 4: ADDITIONAL TICKETS FOR INCLUSIVE FUNCTIONS

(please indicate the number of tickets required for partners or associates)

	No of tickets	Cost	Total
Welcome Reception	.....	AUD\$45	\$ .....
Monday lunch	.....	AUD\$30	\$ .....
Tuesday lunch	.....	AUD\$30	\$ .....
Wednesday lunch	.....	AUD\$30	\$ .....
Thursday lunch	.....	AUD\$30	\$ .....
Symposium Dinner	.....	AUD\$95	\$ .....
		Sub-Total \$	.....

## SECTION 5: OPTIONAL ACTIVITIES INCLUDING WEDNESDAY AFTERNOON OPTIONS

	No of tickets	Cost	Total
Tuesday Evening Aussie BBQ at Hard Rock Café	.....	AUD\$35	\$ .....
Wednesday Afternoon Option 1: Aquaculture Farm Tour	.....	AUD\$25	\$ .....
Option 2: Golf Afternoon	.....	AUD\$85	\$ .....
Option 3: Wildlife Experience	.....	AUD\$35	\$ .....
		Sub-Total \$	.....

# Registration

## SECTION 6: WORKSHOPS

	No of tickets	Cost	Total
Epidemiology- Biosecurity Workshop .....		AUD\$150	\$ .....
Asia-Pacific Regional Program on Molluscan Health Management Phase II: Training Workshop and Evaluation of Country-Specific Survey Results.		AUD\$520	\$ .....
		Sub-Total	\$ .....

## SECTION 7: ACCOMMODATION

Please note: A deposit of one night's tariff, or your credit card details as a guarantee, are required to secure your accommodation booking.

### Gold Coast International Hotel

- \$120 per room per night
- Single  Double  Twin
- Single \$135 including breakfast
- Double/Twin \$150 incl. breakfast

### Outrigger Sun City Resort

- \$240.00 per night
- 2 bedroom apartment

### Novotel Beachcomber

- \$98 per room per night
- Single  Double  Twin
- \$128 including breakfast
- Single  Double  Twin

Check in ...../...../02    Check out ...../...../02

Est time of arrival: .....

Est time of departure: .....

I will be accompanied by, or arranged to share with  
.....

## SECTION 8: PAYMENT

Subtotal section 2	\$ .....
Subtotal section 4	\$ .....
Subtotal section 5	\$ .....
Subtotal section 6	\$ .....
Subtotal section 7 (if paying by cheque)	\$ .....

**Total Payment** \$ .....

Please find enclosed my cheque / money order

Please make cheques / money orders payable to 5th Symposium on Diseases in Asian Aquaculture

Please debit my credit card for \$ .....

Bankcard  Mastercard  Visa  Amex  Diners Club

Cardholder's name .....

Account number .....

Expiry date ...../.....

Signature .....

Please note that charges to your credit card will appear as Ozaccom on your statement.

For more information contact OzAccom Conference Services:

Tel: +61 7 3854 1611

Fax: +61 7 3854 1507

Email: daa5@ozaccom.com.au