



Asian-Pacific Aquaculture 2027

Blue Aquaculture for Resilient Future:
"Tropical Innovation, Global Solutions"

7-10 September, 2027

Nha Trang, Vietnam

The Annual International Conference & Exposition of World Aquaculture Society and Asian Pacific Aquaculture 2027
Annual meeting of Asian Pacific Chapter, WAS

APA 2027

WORLD AQUACULTURE Society

ASIAN PACIFIC CHAPTER WORLD AQUACULTURE SOCIETY

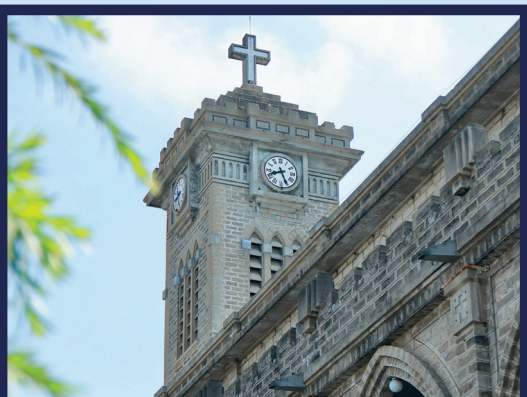
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ASIAN PACIFIC AQUACULTURE 2027

(APA 2027)

Nha Trang, Vietnam

Asian Pacific Aquaculture 2027 (APA 2027) will bring the global aquaculture community to Vietnam, one of the fastest-growing aquaculture hubs in the Asia-Pacific region. This premier international conference will showcase the latest innovations, technologies, and sustainable practices in aquaculture, supported by a comprehensive technical program, international trade exhibition, and valuable networking opportunities with industry leaders and experts from around the world.

Hosted in Nha Trang, Vietnam's premier coastal destination, the event offers an exceptional setting with crystal-clear waters, rich marine biodiversity, and a year-round tropical climate. Vietnam's strong commitment to sustainable development, modern aquaculture practices, and its reputation as a safe, welcoming, and culturally vibrant country make it an ideal host. Nha Trang further enhances the experience with its blend of world-class resorts, island excursions, historic Cham heritage, and renowned seafood cuisine—providing attendees not only a place to connect and learn, but also to explore and experience the best of coastal Vietnam.

SPECIAL PRODUCER PROGRAM

Asian Pacific Aquaculture 2027 will have several special Industry sessions with the latest in practical knowledge for the Vietnam aquaculture producers.

TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

Sessions and workshops at Asian Pacific Aquaculture 2027 will cover all aspects of aquaculture in Vietnam as well as Southeast Asia.

APA 2027

PROGRAM TOPICS

AI - Applications in Aquaculture & Fisheries

Alternative Feed Ingredients & Feed Technology

Aquaponics & Other Systems
Aquatic Pollution and Bioremediation
Biodiversity and Nature Based Solution
Biofloc-based Culture Systems
Biotechnology and Nanotechnology
Breeding & Hatchery Management
Cage & Pen Culture
Climate Change and Mitigation
Conservation Genetics

Country Reports/Fisheries Policies of the Countries

Craft, Gear and Farm Engineering
Crustaceans
Disease Diagnosis
Disease Management
Economics & Finances
Environmental Issues & Management

Epidemiology and Antimicrobial Resistance (AMR)

Finfish Culture
Finfishes
Fish Byproducts and Waste Utilization
Fisheries Biology and Conservation

Fisheries Extension and Fisheries Cooperatives

Fisheries legislation & Laws
Food Quality & Consumption
Food Safety, Public Health & Aquatic Animal Health

Freshwater and Marine Fisheries Resource Management

Freshwater Ornamentals
Functional Feed Ingredients
Genetic Improvement
Genome Editing
Global Trade and Policy
Grow-out & Broodstock Nutrition

Human Resource Development
Immunology
Indigenous species
Integrated Multitrophic Aquaculture Systems
Larval feed, Microalgae & Live Feeds
Marine Ornamentals
Marketing & Trade
Microbiome

Omics - Genomics, Transcriptomics, Proteomics, Metabolomics

Open-Sea Cage Culture
Post Harvest Processing - Preservation
Prebiotics & Probiotics
Product Development & Value addition
RAS & Flow-through Systems
Reproductive Physiology
SDGs - Food & Nutritional Security
Seaweed Culture
Shellfish, bivalves and molluscs
Shrimp and Shellfishes Culture
Shrimp Genetics
Small Indigenous Species
Tools, Gadgets and Devices
Traceability and Certification
Water Quality Management

Stay in touch with the program developments for ASIAN-PACIFIC AQUACULTURE 2027 through our Web page at: http://www.was.org

CALL FOR PAPERS – DEADLINE: May 31, 2027

ASIAN-PACIFIC AQUACULTURE 2027 encourages the submission of high quality oral and poster presentations. We strongly encourage authors to consider poster presentations because poster sessions will be an integral part of the program. Papers submitted for "oral presentation only" may not be accepted as oral presentations due to the limited number of available time slots. **All abstracts must be in English - the official language of the conference.**

Posters will have a featured and prominent place in ASIAN-PACIFIC AQUACULTURE 2027:

- Presenters that turn in the PDF or PowerPoint of their poster four weeks before the conference will have their poster reviewed at the end of the appropriate oral session.
- If turned in as stated above, the posters will also go on the conference website.
- Besides the two Happy Hours in the exhibits, there will be an additional Special Poster Viewing & Happy Hour on Friday.
- In the Program Book, special announcements will be made in the oral session lists of where relevant posters can be found.

Each oral presenter shall be entitled to no more than 15 minutes for a presentation, plus 5 minutes for questions. Authors of studies involving proprietary products or formulations should present this information in workshops or the trade show. Oral presentations should use Power Point. Overhead and slide projectors and video players will not be available or allowed.

All presenters are required to pay their own registration, accommodation and travel expenses. ASIAN-PACIFIC AQUACULTURE 2027 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - an abstract book will be available online.

INSTRUCTIONS FOR PREPARATION OF ABSTRACTS

Expanded Abstract Format - Please refer to the sample.

1. **TITLE OF PAPER:** The paper title is printed in CAPITAL LETTERS, with the exception of scientific names which should be Upper/lower case and italicized (see sample). Scientific names should not be preceded or followed by commas or parentheses or other markings.
2. **AUTHOR(S):** The first name should be the presenting author. Use * after the presenting author. Type in upper/lower case.
3. **ADDRESS AND EMAIL:** Type only the presenting author's institution, address and email. Type in upper/lower case.
4. **MAXIMUM LENGTH:** One Page
5. **PAGE SIZE:** Standard A4 paper (210mm x 297mm = 8.27" x 11.69")(portrait)
6. **MARGINS:** 1-inch margin throughout (left/right/top/bottom)
7. **SPACING:** Single spaced
8. **PARAGRAPHS:** Paragraphs should be separated by a blank line and should not be indented.
9. **FONTS:** Character fonts should be 12 point type.
10. **PHOTOS, FIGURES & TABLES:** Photo, figures and tables are highly recommended and they may be in color. They should be reduced to the appropriate size to fit a one page abstract and should be clearly readable at the reduced size. The reduced figures and tables should be included in the abstract.



EVALUATION OF JUVENILE AUSTRALIAN RED CLAW CRAYFISH Cherax quadricarinatus FED PRACTICAL DIETS WITH AND WITHOUT SUPPLEMENTAL LECITHIN AND/OR CHOLESTEROL

Laura A. Muzinic*, Kenneth R. Thompson, Tracey Christian, Carl D. Webster, Lukas Manomaitis, and David B. Rouse

Aquaculture Research Center
Kentucky State University
Frankfort, KY 40601
lmuzinic@dcr.net

Red claw crayfish (Cherax quadricarinatus) are one of more than a hundre[d] [s]pecies of Australian freshwater crayfish. However, because of its rapid growth rate, ease of spawning, wi[de] [te]mp[e]ra[tu]re and dissolved oxygen tolerance, and lack of a larval stage, red claw may be the best candidate fo[r] [a]quacultur[e] in the United States. Red claw are only being investigated as an aquaculture species in this country a[nd] [l]ittle information exists on their nutritional requirements and practical diet formulation[s]. Since many cr[u]staceans require lecithin and cholesterol to be added to their diet, these two nutrients are usu[ally] added; however, lecithin and cholesterol are very expensive. Since diet costs can be as much a[s] [h]alf t[h]e operating expenses for an aquaculture enterprise, it is imperative that the least expensive di[et] for[mu]lated that meets the nutrient requirements of the species. The present study was conducted to dete[rmine] if cholesterol and/or lecithin needs to be added to a practical diet for red claw crayfish.

An 8-week feeding trial was conducted in a recirc[ulating] system with newly-hatched juvenile (first larval weight of 0.2 g) red claw, each stocked [at] plastic mesh culture units. Individual units were [su]spended within fiberglass tanks, each [with] an individual water line. Water was recircula[ted] through biological and mechanical filters. Water temp[erature] was maintained at 27-29°C and lig[ht] was provided by overhead fluorescent ceilin[g] light[s] on a 14 hour light:dark cycle. Ammonia, n[itrite], dissolved oxygen, temperature, alkalinity, chlorides, and pH [were] measured three times per week. The goal of [the] study was to examine the effects of growth performance of newly-hatched juvenile red claw when fed four practical diets with or without cholesterol and lecithin. Other practical diets included menhaden fish meal, soybean meal, shrimp meal, wheat flour, vitamin and mineral mix, pellet binder, cod liver oil, and corn oil (Table 1).

After 8 weeks, red claw crayfish fed a practical diet without cholesterol (Diet 3) had significantly ($P < 0.05$) lower final weight, percentage weight gain, and specific growth rate (SGR) compared to crayfish fed all other diets (Table 2). These results indicate that a practical diet containing 2% cod liver oil and 1% corn oil and having no lecithin appears to be sufficient and that lecithin may not be necessary for juvenile red claw diets.

TABLE 1. Formulation of experimental diets fed to red claw crayfish.

	Diet			
	1	2	3	4
Menhaden FM	25.0	25.0	25.0	25.0
Soybean Meal	35.0	35.0	35.0	44.5
Lecithin 0.5	0.0	0.5	0.0	
Cholesterol	1.0	1.0	0.0	0.0
Other	38.5	39.0	39.5	30.5

TABLE 2. Final weight, percentage weight gain, specific growth rate (SGR), and percentage survival of red claw crayfish fed four practical diets. Means in a column with different letters were significantly different ($P < 0.05$)

	Diet			
	1	2	3	4
Final weight (g)	6.97a	6.00a	3.64b	5.11a
Weight gain (%)	3384a	2897a	1717b	2454a
SGR (%/day)	5.74a	5.66a	4.68b	5.41a
Survival (%)	76.0	64.0	56.0	80.0

SAMPLE

PLEASE SUBMIT YOUR ABSTRACT ONLINE

Submit your abstract via the internet at the meeting website.
Follow the complete instructions on the website for online submission.

www.was.org

REGISTRATION FORM

ASIAN-PACIFIC AQUACULTURE 2027
September 7 - 10, 2027

SAVE TIME! Register Online! www.was.org

SAVE TIME – REGISTER ONLINE **SAVE TIME – REGISTER ONLINE**

- *Register Online*
- *Please return both sides of this form with payment to one of the addresses above (depending on the currency used).*
- *Registration can be faxed (Fax: +1-760-751-5003) if paying by credit card. (Fax both sides).*
- *Use one form per person. Please copy this form for additional people.*
- *Cancelled registrations will receive a refund minus 20% handling. Cancellations must be in writing and be received by August 7, 2027*

Refunds will be issued after the conference.

PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION

NAME BADGE INFORMATION: (As you want your name badge to read – No titles, please)

First Name _____ SURNAME (FAMILY NAME) _____

Company or Institution _____
(Limited to 40 Letters & Spaces)

City _____ State/Prov _____ Country _____

MAILING INFORMATION: Email _____
(*please* include email address)

Address _____

City _____ State / Prov _____ Postal Code _____ Country _____

Phone _____ Fax _____ Title: (circle one) Dr. Mr. Ms. Mrs.
(Include country and city code) (Include country and city code)

TYPE OF REGISTRATION **FULL CONFERENCE & TRADE SHOW** In order to receive the pre-Registration discount rate, this form and payment must be received by the date above.	**Register by July 1, 2027**	**Register after July 1, 2027**
ASSOCIATION MEMBER RATE*	☐ US$ 395	☐ US$ 490
STUDENT MEMBER RATE* Include copy of Student I.D.	☐ US$ 195	☐ US$ 225
Non-Member Rate	☐ US$ 495	☐ US$ 590
Student Non-Member Rate Include copy of Student I.D. **You can join WAS on the reverse side and use the Member Rate.**	☐ US$ 245	☐ US$ 285
Asia-Pacific Country Member Rate*	☐ US$ 200	☐ US$ 280
Asia-Pacific Country Student Rate*	☐ US$ 100	☐ US$ 120
Asia Pacific Country Non-Member Rate*	☐ US$ 260	☐ US$ 315
Asisa-Pacific Country Student Non-Member Rate*	☐ US$ 130	☐ US$ 150
☐ **Spouse Rate** Name _____	☐ US$ 295	☐ US$ 395

* To qualify for Member Rate you must complete the Association Memberships section on the reverse side. Only the listed Asia-Pacific countries that qualify in this event and registration for Non-Member rate will be included in WAS Membership

Trade Show is included in the Full Conference Registration Rate.

TOTAL REGISTRATION FEE

US$ _____

TRADE SHOW PASS – Good for 3 days admission to exhibits only September 8, 9, and 10

(Trade show pass is included with the Full Conference Registration)

☐ US$ 50 **TOTAL TRADE SHOW PASS** US$ _____

INDUSTRY TOURS – Information to come US$ _____

MEMBERSHIP DUES – Enter amount from Membership Application on other side if applicable. US$ _____

Do not mail registration after August 15, 2027 or fax after August 15, 2027. After August 15, 2027, bring this form with you to register at the show.

➜ **TOTAL AMOUNT** US$ _____

REGISTRATION CONFIRMATION AND RECEIPT WILL BE EMAILED AFTER PROCESSING.

PAYMENT METHOD: **All fees must be paid to the order of ASIAN-PACIFIC AQUACULTURE 2027 without charges for the beneficiary.**

☐ Check # _____ ☐ Visa ☐ Mastercard ☐ American Express ☐ Discover ☐ Diners Club

Card # _____ Expiration Date _____ Sec Code _____

Name on Card _____ Date _____ Signature _____

Credit Card Billing Address _____

For bank transfer details, contact us.

Return address for payments in USD:
WAS Conference Office - ASIAN-PACIFIC AQUACULTURE 2027
P.O. Box 2302 • Valley Center, CA 92082 USA
Tel: +1 760 751 5005 Fax: +1 760 751 5003 Email: worldaqua@was.org

REGISTRATION FORM - SIDE 2

Name _____

ASSOCIATION MEMBERSHIPS: Please check all boxes for associations for which you are a current member. Membership in any of those associations qualifies you for the Member Rate* on the Registration Fees. You can join an association at any time before registering to qualify for the Member Rate.

MEMBERSHIPS: ❑ WAS ❑ USAS ❑ APC ❑ Korean ❑ LACC ❑ African Chapter

❑ Aquaculture Association of Canada

❑ European Aquaculture Society

❑ Global Aquaculture Alliance

❑ Indonesian Aquaculture Society

MEMBERSHIP APPLICATIONS ❑ NEW APPLICATION ❑ RENEWAL

WORLD AQUACULTURE SOCIETY (WAS) APPLICATION www.was.org

For details on the different types of memberships and options, please contact the WAS home office at

Tel: +1-225-347-5408 Fax: +1-225-347-5408 Email: judya@was.org

MEMBERSHIP CATEGORY: (Indicate only one)

❑ **Individual** (USD 90/yr) Applies to an individual only

❑ **Full Student** (USD 45/yr) Has all benefits and rights of regular membership including voting for all candidates on the ballot (Copy of Student ID or Signature of Professor required)

❑ **Comp Student** (No charge) Has all benefits of regular membership but voting only allowed is for the Student Director and not for the full ballot. (Copy of Student ID or Signature of Professor required)

❑ **Sustaining** (USD 155/yr) Applies to any one individual from a company

❑ **Corporate** (USD 295/yr) Allows all employees of one company to attend meeting at Member Rate

❑ **Lifetime** (USD 1400 with one chapter) Applies to an individual only

**Discounted rates available for individuals in countries based on World Bank List of Low Income Economies. Must sign-up on website only for this category.

CHAPTER OPTIONS:

One chapter incuded in membership.
Mark the chapter you choose.

❑ **African Chapter**
❑ **Asian Pacific**
❑ **Korea**
❑ **Latin American/Carribean**
❑ **United States (USAS)**
❑ **None** *(deduct USD 5)*

You can add extra Chapters for USD 5

Total Amount for WAS Membership USD_____

Fees for memberships are non-refundable.

Please enter this amount under "Membership Dues" section on opposite side of this form.

For membership in other associations, please contact them directly.

If you need a phone number, contact the Conference Manager (+1-760-751-5005).

MANY OPPORTUNITIES FOR FARM TOURS

Some very special tours will be set up by the Vietnamese Associations. Details to be provided later – check our website for updates.







FOR MORE INFORMATION:

ASIAN-PACIFIC AQUACULTURE 2027
Conference Manager
P.O. Box 2302
Valley Center, CA 92082 USA
Tel: +1-760-751-5005 Fax: +1-760-751-5003
Email: worldaqua@was.org
www.was.org

TENTATIVE SCHEDULE

Tuesday, September 7

Registration Open	Noon - 6:30 pm
Exhibitor Move-in	Noon - 6:00 pm

Wednesday, September 8

Registration Open	7:30 am - 5:00 pm
Exhibitor Move-in	8:00 am - 10:00 am
Poster Set-up	8:00 am - 10:00 am
Opening Ceremony	9:00 am - 10:00 am
Plenary Session	10:00 am - 10:40 am
Exhibition Official Opening (ribbon cutting)	10:40 am
Refreshment Break	10:40 am - 11:20 am
Trade Show & Posters Open	10:00 am - 6:30 pm
Sessions	11:20 am - 12:40 pm
Lunch (Provided)	12:40 pm - 1:40 pm
Sessions	2:00 pm - 3:40 pm
Refreshment Break	3:40 pm - 4:00 pm
Sessions	4:00 pm - 5:20 pm
Happy Hour & Poster Session	5:30 pm - 6:30 pm
Student Reception	7:00 pm - 9:00 pm

Thursday, September 9

Registration Open	7:30 am - 5:00 pm
Sessions	9:00 am - 10:40 am
Poster Set-up	8:00 am - 10:00 am
Refreshment Break	10:40 am - 11:00 am
Trade Show & Posters Open	10:00 am - 6:30 pm
Sessions	11:00 am - 12:40 pm
Lunch (Provided)	12:40 pm - 1:40 pm
Sessions	2:00 pm - 3:40 pm
Refreshment Break	3:40 pm - 4:00 pm
Sessions	4:00 pm - 5:20 pm
Happy Hour & Poster Session	5:30 pm - 6:30 pm
WAS-APC Members meeting	5:30 pm - 6:30 pm

Friday, September 10

Registration Open	7:30 am - 5:00 pm
Sessions	9:00 am - 10:20 am
Refreshment Break	10:20 am - 11:00 am
Trade Show & Posters Open	10:00 am - 5:30 pm
Sessions	11:00 am - 12:40 pm
Lunch (Provided)	12:40 pm - 1:40 pm
Sessions	2:00 pm - 3:40 pm
Refreshment Break	3:40 pm - 4:00 pm
Sessions	4:00 pm - 5:20 pm
Poster out take down	4:00 pm - 6:00 pm
Exhibitor Move out	5:30 pm - 10:00 pm

YOUR FULL CONFERENCE REGISTRATION INCLUDES:

- **Admission to all sessions, seminars and the trade show.**
- **Conference bag and Show Directory (except for spouse)**
- **Lunch, Refreshment Breaks and Happy Hour**
- **Students receive the full registration package plus the Student Reception. To qualify for the student rate, a copy of your student I.D. is required.**
- **Only pre-registered attendees are guaranteed materials.**

REGISTER EARLY AND $AVE!