



# 亚太区水产大会 2017年会

市场需求转化

太子世界贸易中心

2017年七月24-27日 • 马来西亚吉隆坡

主办单位：马来西亚农业和农产品部渔业厅





## 亚太区水产大会2017年会

亚太水产大会2017年会是学习最新的水产养殖技术，并在商业展会中看到来自世界各地的展品，并享受马来西亚丰富的旅游景点。

### 亚太区水产大会2017年会 ——不可错过的展会

APA 2017将有一个大的商业展览，展出国际公司最新产品、服务和所有养殖的相关信息。别错过这个加强你的水产养殖的机会。

### 特别的企业分会

亚太水产大会2017年会将会有特别会议针对性解决农户日常生活中的实际问题和水产养殖的需要。将提供对当前农民面临的问题有益的具体信息。更多的细节查看官网。



## 最新的研究

亚太水产大会2017年会的会议和研讨会将覆盖马来西亚和东南亚水产养殖所有方面。包括：

### 会议项目

#### 海洋虾类

生产  
育种  
营养  
病害  
管理

#### 罗非鱼

生产  
营养  
病害  
管理

#### 淡水鱼养殖

鲶鱼  
鲤科  
综合养殖系统  
露天静态水体养殖

#### 海洋鱼类

养殖系统  
营养源  
易耗品

#### 养殖系统

循环水养殖  
加工技术  
廉价高效的技术和设备

#### 扇贝养殖

孵化场  
生产  
健康

#### 风险管理

沼虾  
螃蟹和龙虾  
水产基础  
海藻和藻类  
观赏鱼  
鱼病  
许可证

教育，推广和技术成果  
转化  
水产遗传学  
水产饲料  
鱼菜共生综合水产养殖系统  
发展计划  
营销与贸易  
生产链

#### 大会主题报告

1. 马来西亚水产的发展和规划
2. 鼓励海产品交易——买家的视角
3. 保证水产品交易的公平——从水产角度分析

请继续关注官网有关会议组织动态  
**亚太水产大会2017年会**  
官网网址: <http://www.was.org>



**CALL FOR PAPERS - DEADLINE: January 5, 2017**

ASIAN-PACIFIC AQUACULTURE 2017 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 2017:**

- 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 2017 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - a CD will be given to registered attendees.

## 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.

**2.5 cm margin**

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

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Kentucky State University  
Frankfort, KY 40601  
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Red claw crayfish (*Cherax quadricarinatus*) are one of more than a hundred species of Australian freshwater crayfish. However, because of its rapid growth rate, ease of spawning, wide temperature and dissolved oxygen tolerance, and lack of a larval stage, red claw may be the best candidate for aquaculture in the United States. Red claw are only being investigated as an aquaculture species in this country because very little information exists on their nutritional requirements and practical diet formulations. Since many crustaceans require lecithin and cholesterol to be added to their diet, these two nutrients are usually added; however, lecithin and cholesterol are very expensive. Since diet costs can be as much as 20% of the total expenses for an aquaculture enterprise, it is imperative that the least expensive diet formulation that meets the nutrient requirements of the species. The present study was conducted to determine 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 recirculating system with newly-hatched juvenile (*mean*  $\pm$  SD, weight of 0.2 g) red claw, each stocked in a 100-l plastic mesh culture units. Individual units were placed within fiberglass tanks, each equipped with an internal water line. Water was recirculated through biological and mechanical filters. Water temperature was maintained at 27–29°C and light was provided by overhead fluorescent ceiling lights on a 14-hour light-dark cycle. Ammonia, nitrite, nitrate, oxygen, temperature, alkalinity, chlorides, and pH were measured three times per week. The goal of this 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

**2.5 cm margin**

**21 cm wide**

**PLEASE SUBMIT YOUR ABSTRACT ONLINE**

**www.was.org**



# ASIAN-PACIFIC AQUACULTURE 2017

## July 24-27, 2017

Register online at: [www.was.org](http://www.was.org)

Return address for payments in USD:  
Conference Manager  
P.O. Box 2302  
Valley Center, CA 92082 USA  
Tel: +1 760 751 5005  
Fax: +1 760 751 5003  
Email: [worldaqua@aol.com](mailto:worldaqua@aol.com)

**Online registration is preferred at [www.was.org](http://www.was.org) OR fax or mail both sides with payment. Use one form per person.**

PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION

**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 \_\_\_\_\_

Postal Address \_\_\_\_\_  
(*please* include email 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)

**REGISTRATION FEES:** In order to receive the discount rates as listed below, this form and payment must be received by the date listed. See brochure for what is included in registration fees.

TYPE OF REGISTRATION	Register by May 15, 2017	Register by June 30, 2017	Register after June 30, 2017	
<b>FULL CONFERENCE &amp; TRADE SHOW</b> In order to receive the Pre-Registration discount rate, this form and payment must be received by the date above				
<b>WAS/CHAPTER MEMBER RATE*</b>	<input type="checkbox"/> US\$ 325	<input type="checkbox"/> US\$ 425	<input type="checkbox"/> US\$ 525	* To qualify for Member Rate you <u>must</u> complete the Association Memberships section on the reverse side.
<b>WAS/CHAPTER STUDENT MEMBER RATE*</b> Include copy of Student I.D.	<input type="checkbox"/> US\$ 165	<input type="checkbox"/> US\$ 165	<input type="checkbox"/> US\$ 210	
<b>AFFILIATE MEMBER RATE*</b>	<input type="checkbox"/> US\$ 395	<input type="checkbox"/> US\$ 495	<input type="checkbox"/> US\$ 595	
<b>AFFILIATE STUDENT MEMBER RATE*</b> Include copy of Student I.D.	<input type="checkbox"/> US\$ 215	<input type="checkbox"/> US\$ 215	<input type="checkbox"/> US\$ 260	
<b>Non-Member Rate</b>	<input type="checkbox"/> US\$ 430	<input type="checkbox"/> US\$ 530	<input type="checkbox"/> US\$ 630	• • • • • Trade Show is <u>included</u> in the Full Conference Registration Rate.
<b>Student Non-Member Rate</b> Include copy of Student I.D. <i>You can join WAS on the reverse side and use the Member Rate.</i>	<input type="checkbox"/> US\$ 235	<input type="checkbox"/> US\$ 235	<input type="checkbox"/> US\$ 280	
<input type="checkbox"/> <b>Spouse Rate</b> – must accompany a full registration Name _____	<input type="checkbox"/> US\$ 255	<input type="checkbox"/> US\$ 345	<input type="checkbox"/> US\$ 395	<b>TOTAL REGISTRATION FEE</b> <b>US\$</b> _____
<b>TRADE SHOW PASS</b> – Good for 3 days admission to exhibits only – July 25, 26, 27 (Trade show pass is included with the Full Conference Registration) <input type="checkbox"/> US\$ 30 <b>TOTAL TRADE SHOW PASS</b> US\$ _____				
<b>MEMBERSHIP DUES</b> – Enter amount from Membership Application on other side if applicable. <b>TOTAL MEMBERSHIP DUES</b> US\$ _____				
Do not mail registration after July 1, 2017 or fax after July 10, 2017. After July 10, 2017, bring this form with you to register at the show.			<b>➔ TOTAL AMOUNT</b> US\$ _____	

**REGISTRATION CONFIRMATION AND RECEIPT WILL BE EMAILED AFTER PROCESSING.**

**CANCELLATION POLICY:** Cancellation of registration must be received - in writing - no later than July 1, 2017. Refunds for registration fees will be subject to a 20% handling fee. Refunds are processed after the conference. No refund will be made for cancellations received after July 1, 2017 or for "no shows". After July 1, 2017, no refunds will be made for professional or personal emergencies, flight cancellations, denied visa, weather related cancellation or other travel emergencies. Fees for memberships are non-refundable.

**PAYMENT METHOD:** All fees must be paid to the order of Asian-Pacific Aquaculture 2009 without charges for the beneficiary.

☐ Cheque No. \_\_\_\_\_

☐ Visa ☐ Mastercard ☐ Access ☐ Diners ☐ American Express

Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Name on Card \_\_\_\_\_

For bank transfer details, contact us. Date \_\_\_\_\_ Signature \_\_\_\_\_

**Return address for payments in USD:**

WAS Conference Office - ASIAN-PACIFIC AQUACULTURE 2017

P.O. Box 2302 Valley Center, CA 92082 USA

Tel: +1 760 751 5005 Fax: +1 760 751 5003 Email: [worldaqua@aol.com](mailto:worldaqua@aol.com)



# 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

## AFFILIATE MEMBERSHIPS:

- |  |  |
|--|--|
| <input type="checkbox"/> AQUABIO   | <input type="checkbox"/> Indonesian Aquaculture Society                    |
| <input type="checkbox"/> Aquaculture Association of Canada                           | <input type="checkbox"/> Korean Aquaculture Society                        |
| <input type="checkbox"/> Aquaculture Association of South Africa                     | <input type="checkbox"/> Korean Society of Fisheries and Sciences (KOSFAS) |
| <input type="checkbox"/> Aquaculture Without Frontiers                               | <input type="checkbox"/> Malaysian Fisheries Society                       |
| <input type="checkbox"/> Asian Fisheries Society                                     | <input type="checkbox"/> Sociedad Brasileira de Acuicultura                |
| <input type="checkbox"/> China Society of Fisheries                                  | <input type="checkbox"/> Society of Aquaculture Professionals (India)      |
| <input type="checkbox"/> Egyptian Aquaculture Society                                | <input type="checkbox"/> South African Aquaculture Society                 |
| <input type="checkbox"/> European Aquaculture Society                                | <input type="checkbox"/> Spanish Aquaculture Association (SEA)             |
| <input type="checkbox"/> Global Aquaculture Alliance                                 |  |
| <input type="checkbox"/> IAFI The International Association of Seafood Professionals |  |

**MEMBERSHIP APPLICATIONS**   ☐ NEW APPLICATION   ☐ RENEWAL

## WORLD AQUACULTURE SOCIETY (WAS) APPLICATION

[www.was.org](http://www.was.org)

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

**Tel: +1-225-578-3137   Fax: +1-225-578-3493   Email: [judya@was.org](mailto:judya@was.org)**

### MEMBERSHIP CATEGORY: (Indicate only one)

- ☐ **Individual** (Electronic JWAS) (USD 65/yr) Applies to an individual only
- ☐ **Individual** (Printed JWAS) (USD 85/yr) Applies to an individual only
- ☐ **Student** (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required)
- ☐ **Student** (Printed JWAS) (USD 65/yr) (Copy of Student ID or Signature of Professor required)
- ☐ **Sustaining** (Electronic JWAS) (USD 105/yr) Applies to any one individual from a company
- ☐ **Sustaining** (Printed JWAS) (USD 125/yr) Applies to any one individual from a company
- ☐ **Corporate** (Electronic JWAS) (USD 255/yr) Allows all employees of one company to attend meeting at Member Rate
- ☐ **Corporate** (Printed JWAS) (USD 275/yr) Allows all employees of one company to attend meeting at Member Rate
- ☐ **Lifetime** (Electronic JWAS only) (USD 1005/yr) Applies to an individual only

### CHAPTER OPTIONS:

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

- ☐ **Asian Pacific**
- ☐ **Korea**
- ☐ **Latin American/Caribbean**
- ☐ **United States (USAS)**
- ☐ **None** (deduct USD 5)

You can add extra Chapters for USD 5

*Fees for memberships are non-refundable.*

**Total Amount for WAS Membership   USD \_\_\_\_\_**  
*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).***





## 许多参观农场的机会

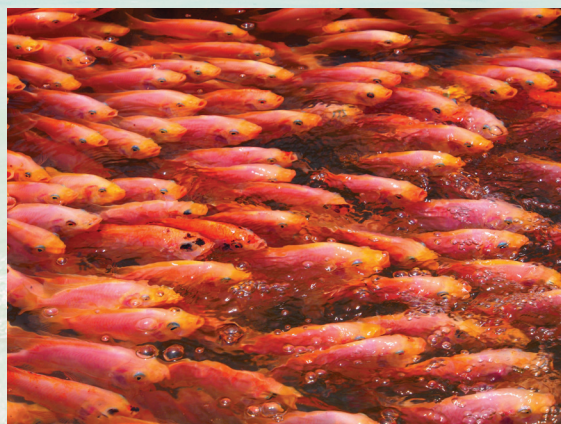
马来西亚渔业协会将组织一系列农场参观活动。活动细节将公布在官网上。

## 宾馆信息

我们已经安排了一系列不同层面的住宿服务。请在网站上查找相应的宾馆信息。

## 旅游线路安排

马来西亚将有很多胜地和景观可供参观。线路细节和报名将公布在官网网页上。



## 会议暂定时间表

### 7月24日 星期一

开始注册 .....	正午 - 16:00
展会设置 .....	正午 - 16:00
海报设置 .....	13:00 - 16:00

### 7月25日 星期二

开始注册 .....	7:30 - 17:00
展会开幕剪彩 .....	9:00 - 9:40
大会主题报告 .....	9:40 - 10:40
展会和海报 .....	10:00 - 18:00
会议 .....	11:00 - 17:20
午餐 .....	12:30 - 13:50
会后沙龙和海报 .....	17:20 - 18:30
学生论坛 .....	19:30 - 21:00

### 7月26日 星期三

开始注册 .....	7:30 - 17:00
会议 .....	8:30 - 17:20
农场日 .....	10:00 - 17:30
展会和海报 .....	10:00 - 17:30
午餐 .....	12:20 - 13:50
世界水产协会亚太区分会工作会议 .....	17:30 - 18:30
欢迎宴 .....	19:30 - 21:30

### 7月27日 星期四

开始注册 .....	7:30 - 16:00
会议 .....	8:30 - 17:20
展会和海报 .....	10:00 - 16:00
午餐 .....	12:20 - 13:50
会议 .....	8:30 - 17:20
展会和海报 .....	10:00 - 16:00
午餐 .....	12:20 - 13:50

## 更多信息请联系:

亚太水产大会2017年会  
会议经理

P.O. Box 2302

Valley Center, CA 92082 USA

联系方式

Tel: +1-760-751-5005

Fax: +1-760-751-5003

## 注册会议将包括以下内容:

- ◆ 只有预先注册的参会者才能保证有全面的会议资料
- ◆ 参加所有会议项目、商业展会的通行证
- ◆ 参加宴会的入场券
- ◆ 会议纪念包、电子摘要集(配偶除外)
- ◆ 会间小点和会后付费酒吧
- ◆ 学生会会员还可以参加学生论坛 (需要在注册时出示学生证复印件)

# 提前注册将享受优惠!