

Latin American & Caribbean Aquaculture 19







# Sustainable Aquaculture for Social and Economic Development

November 20-22, 2019

HERRADURA CONVENTION CENTER (Wyndham) San José, Costa Rica

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The annual meeting of





Hosted by















LACQUA19 will be the 2019 Annual meeting of the Latin American & Caribbean Chapter of WAS. Following upon the previous successful LACQUA meetings, LACQUA19 will bring international attention to the aquaculture industry of Costa Rica and Central America.

LACQUA19 will be held in San Jose, the capital of Costa Rica. It is the safest country in the región and with an enviable biodiversity, Costa Ricas makes a great venue for LACQUA19. Aquaculture in Costa Rica is characterized by tilapia crops and other species such as shrimp and marine species.

#### **BEYOND THE CONFERENCE**

The conference will be held in three languages for spoken and written materials. The conference will include all major aquatic species cultured in Costa Rica and the other LACC countries with a special focus on tilapia, trout, shrimp and marine species.

#### INTERNATIONAL EXHIBITION

There will be an exhibition of aquaculture suppliers from around the world displaying the latest in equipment, supplies and services. As well as national entities.

TRADE SHOW SCHEDULE		
WEDNESDAY	THURSDAY	FRIDAY
NOV	NOV	NOV
20	21	22

Keep in contact with the program developments for



Latin American & Caribbean Aquaculture 2019 www.was.org

# TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

Sessions and workshops at LACQUA19 will cover all aspects of aquaculture in Costa Rica and Central America, as well as the rest of the world. Sample topics will include:

#### **Fish Culture**

Central american fish

Marine fish

Ornamental fish

Other native fish

#### **Crustaceans Culture**

Shrimp culture

#### **Other Species**

Seaweeds and algae

Molluscs

**Echinoderms** 

**Plankton** 

#### **Production Systems**

Biofloc systems

Recirculation systems - RAS

Aquaponic systems

#### **Sustainable Aquaculture**

Standards and certification

Aquaculture and the environment

Mariculture and the environment

Integrated multi-trophic aquaculture

Water quality management

#### **Health and Diseases**

**Immunology** 

Toxicology

Fish health

Shrimp health

**Probiotics and prebiotics** 

#### **Physiology and Genetics**

Fish physiology and genetics

Shrimp genetics

Salmon genetics

#### **Nutrition and Feeding**

Fishmeal and fish oil

Alternative ingredients

Shrimp feed

Climate changes and fisheries

Finfish nutritional needs

Larval feeding

Feeding strategies - automatisation

#### **Processing and Economics**

Processing technologies

Aquaculture socio-economics

#### **Education and Aquaculture Careers**

Student exchanges

# YOUR FULL CONFERENCE REGISTRATION INCLUDES

- Only pre-registered attendees are guaranteed materials
- Admission to all sessions, seminars and the trade show.
- Admission to the Receptions.
- Conference bag and Show Directory
- Refreshment Breaks and Cash Bar 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.

# Farmer's Day and Industry Sessions

There will be a special Farmers Day with presentations on topics especially of interest to aquaculture farmers. There will also be Industry Sessions throughout the conference with speakers addressing industry concerns.

REGISTER EARLY AND \$AVE!

#### FOR MORE INFORMATION:

LACQUA19

**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

**REGISTER EARLY AND \$AVE!** 

# **CALL FOR PAPERS- DEADLINE: September 1, 2019**

LACQUA19 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. English encouraged, but 3 official languages (English/Portuguese/Spanish) accepted. Power Point Presentation – Slides - same as above – English strongly encouraged. Oral Presentation: any of the 3 official languages. At the conference, the abstracts may be presented in English, Spanish or Portuguese.

Each oral presenter shall be entitled to no more than 20 minutes comprised of 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 can only use Power Point. Overhead projectors, slides and video players will not be available or allowed

All presenters are required to pay their own registration, accommodation and travel expenses. LACQUA19 cannot subsidize registration fees, travel or hotel costs

### **INSTRUCTIONS FOR PREPARATION OF ABSTRACTS**

Extended 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. 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 210mm x 297mm A4 paper (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. FIGURES & TABLES: Figures and tables are highly recommended. They should be reduced to the appropriate size for a one page abstract and should be clearly readable at the reduced size in black print only. The reduced figures and tables should be included in the abstract in camera-ready form.
- 11. MEASUREMENTS: Use metric units of measurement. When needed, English equivalents may be given in parentheses.

# Tinch margin EVALUATION OF JUVENILE AUSTRALAN RED CLAW CRAYESH Chross quasiviroritamus PED PRACTICAL DISTS WITH AND WITHOUT SUPPLEMENTAL DECTRIN AND/OR CHARLESTERO. Lara A Justinic\* Agench R. Thompson, Tracy Christian, Carl D. Websier, Lake Momentals, and David B. Rosse Aquaculous Research Columber (Control Columber Control) Red claw crayfolds of hereat quasifocurinants) are one of more than a hundred principle of the property of the prop

### PLEASE SUBMIT YOUR ABSTRACT ONLINE

Submit abstracts via the internet at the meeting website: www.was.org Follow the complete instructions on the online submission.

If you are unable to submit your abstract online, contact the Conference Manager for alternative methods at : worldaqua@was.org or Fax: +1-760-751-5003



# November 20-22, 2019

# Register online at: www.was.org

Return address for international 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@was.org

Online registration is preferred at www.was.org OR fax or mail both sides with payment. Use one form per person.

PLEAS	E PRINT CLEARLY OR 1	TYPE ALL REQUESTED II	NFORMATION			
BADGE INFORMATION: (As you want your na	ıme badge to read – No	titles, please)				
First NameSURNAME (FAMILY NAME)						
Company or Institution (Limited to 40 Letters						
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Phone	Fax		Title: (circle one)	Dr. Mr. Ms. M		
(Include country and city code)	(Inclue	de country and city code)				
<b>REGISTRATION FEES:</b> In order to receive the See brochure for what is included in registration	discount rates as listed n fees.	I below, this form and pa	lyment must be received by	the date listed.		
TYPE OF REGISTRATION RULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, this	Register by Nov. 1, 2019	Register after Nov. 1, 2019		* To qualify for Member Rate you <u>must</u> comple		
ASSOCIATION MEMBER RATE*	US\$ 275	US\$ 375		the Association		
STUDENT MEMBER RATE* Include copy of Student I.D.	US\$ 95	US\$ 135		Memberships section on the reverse side.  Trade Show is included in the Full Conference Registration Rate.		
Non-Member Rate	US\$ 370	US\$ 470				
Student Non-Member Rate Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.	US\$ 145	US\$ 180				
Spouse Rate				TOTAL REGISTRATION FE		
Name	US\$ 225	US\$ 295		US\$		
TRADE SHOW PASS		(Trade sho	ow pass is included with the F	ull Conference Registration		
Good for 3 days admission to exhibits only – Novemb	er 20 - 22, 2019	US\$ 30	TOTAL TRADE SHOW PASS	US\$		
INDUSTRY TOURS – Details to come						
			TOTAL INDUSTRY TOURS	US\$		
MEMBERSHIP DUES – Enter amount from Me	mbership Application on o	ther side if applicable.	TOTAL MEMBERSHIP DUES	US\$		
Do not mail registration after Nov. 1, 201 After October 8, bring this form with you			TOTAL AMOUNT U	S\$		
Registration Confirma	tion and Rec	eipt will be	emailed after p	processing.		
CANCELLATION POLICY: Cancellation of registration r 20% handling fee. Refunds are processed after the co November 1, 2019, no refunds will be made for profes emergencies. Fees for memberships are non-refunda	onference. No refund will l ssional or personal emerge	be made for cancellations re	eceived after November 1, 2019	or for "no shows". After		
PAYMENT METHOD: All fees must be paid	I to the order of LACQUA1	8.	For bank transfer de	etails, contact us.		
Check #	Visa Master	card American E	xpress Discover	Diners Club		
Card #		Expiration D	ateSec (	Code		
Name on Card	Date	Signatı	ıre			
Credit Card Billing Address	<del></del>			<del></del>		

# REGISTRATION FORM - SIDE 2

Name							
<b>ASSOCIATION MEMBERSHIPS:</b> Please check all boxes for associations for which you are a <u>current</u> 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	□ LAC	CC	
AFFILIATE MEMBERSHIPS:	□ Aquacu □ Aquacu □ Asian F □ Associa □ China S □ Egyptia □ Europea □ Global A □ IAFI Th □ Indones □ Korean □ Korean □ Malays □ Society □ South A □ Spanish	ulture Associa ulture Associa ulture Without Fisheries Socie ação Cearense Society of Fisher Aquaculture Aquaculture Aquaculture Society of Fisher Aquaculture Society of Fisher Aquaculture Society of Fisher Aquaculture Society of Aquaculture African Aquaculture Aquaculture Aquaculture Aquaculture African Aquaculture	ation of Sour t Frontiers lety e de Aquicu heries re Society are Society Alliance al Association ture Society Society sheris and S Society ure Professi culture Societ e Association	uth Africa ultores – ACEAI ion of Seafood y Sciences (KOS ionals (India) iety	Professio FAS)	onals	
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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.

# **FARM TOURS**

There will be several Farm and Tours around Costa Rica. Please check the website for details.

# TRAVEL AND HOTEL

Check the website: WWW.Was.org



# **TENTATIVE SCHEDULE**

# Tuesday, November 19

<b>Bag Stuffing</b>	08:00 - 11:00
<b>Registration Open</b>	11:00 – 18:30
<b>Exhibitor Move-in</b>	08:00 - 18:30
Poster Set-up	11:00 – 18:30
LACC Board meeting (8pax)	13.00 - 17:00

#### Wednesday, November 20

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<b>Registration Open</b>	08:00 - 17:00
<b>Exhibitor Move-in</b>	08:00 - 10:00
Poster Set-up	08:00 - 12:00
Plenary Session	09:00 - 10:00
Inauguration	10:00 - 10:40
Official opening exhibition	10:40
Coffee break	10:40 – 11:20
Session	11.20 – 13.00
Trade Show	10:00 – 19:00
Lunch (On your own)	13:00 – 14:20
Session	14.20 – 18.00
Refreshment break	16.40 – 17.00
LACC General Assembly	18:00 – 19:00

# **Thursday, November 21**

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<b>Registration Open</b>	08:00 - 17:00
Sessions	09:00 - 11:00
<b>Trade Show &amp; Posters Open</b>	11:00 – 19:00
Refreshment Break	11:00 – 11:20
Sessions	11:20 - 13:00
Lunch (On your own)	13:00 - 14:20
Sessions	14:20 - 18:40
Refreshment Break	16:40 - 17:00
President Dinner	19:00 – 21:30

# Friday, November 22

Registration Open	08:00 – 15:00
Sessions	09:00 - 11:00
Refreshment Break	11:00 - 11:20
<b>Trade Show &amp; Posters Open</b>	10:00 - 16:00
Sessions	11:20 - 13:00
Lunch (On your own)	13:00 - 14:20
Sessions	14:20 - 16:00
Refreshment Break	15:40 - 16:00

