

**The presentations will be mainly in Spanish**

# LAQUA 19

Latin American & Caribbean Aquaculture 19

**Sustainable Aquaculture  
for Social and Economic  
Development**

**November 19-22, 2019**

**HERRADURA CONVENTION CENTER  
(Wyndham)**

**San José, Costa Rica**

*Get our meeting mobile app*



The annual meeting of

**WORLD  
AQUACULTURE  
Society**



Hosted by



Supported by



For more information contact:  
[carolina@was.org](mailto:carolina@was.org)  
[mario@marevent.com](mailto:mario@marevent.com)



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 José, the capital of Costa Rica. It is the safest country in the región and with an enviable biodiversity. Costa Rica 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.

<b>TRADE SHOW SCHEDULE</b>		
<b>WEDNESDAY</b>	<b>THURSDAY</b>	<b>FRIDAY</b>
<b>NOV</b>	<b>NOV</b>	<b>NOV</b>
<b>20</b>	<b>21</b>	<b>22</b>

Keep in contact with the program developments for

# LACQUA19

**Latin American & Caribbean  
Aquaculture 2019**

[www.was.org](http://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 - automatisisation

## **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](mailto:worldaqua@was.org)  
[www.was.org](http://www.was.org)



# 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. Title the same language as presentation.

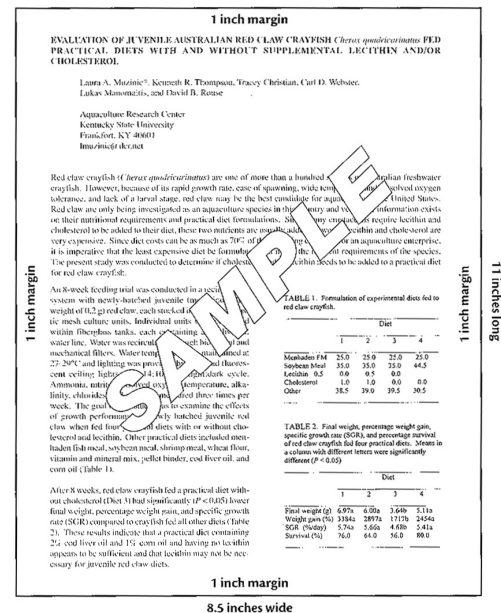
Each oral presenter shall be entitled to no more than 20 minutes comprised of 15 minutes for a presentation, plus 5 minutes for questions. Authors of studies involving proprietary products or formulations should present this information in workshops or the trade show. Oral presentations can only use 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.

- 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.
- AUTHOR(S) :** The first name should be the presenting author. Use \*after the presenting author. Type in upper/lower case.
- ADDRESS AND EMAIL :** Type only the presenting author's institution, address and email. Type in upper/lower case.
- MAXIMUM LENGTH :** One Page
- PAGE SIZE :** Standard 210mm x 297mm A4 paper (portrait)
- MARGINS :** 1-inch margin throughout(left/right/top/bottom)
- SPACING :** Single spaced
- PARAGRAPHS :** Paragraphs should be separated by a blank line and should not be indented.
- FONTS :** Character fonts should be 12 point type.
- 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.
- MEASUREMENTS :** Use metric units of measurement. When needed, English equivalents may be given in parentheses.



## PLEASE SUBMIT YOUR ABSTRACT ONLINE

Submit abstracts via the internet at the meeting website : [www.was.org](http://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](mailto:worldaqua@was.org) or Fax: +1-760-751-5003

**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 \_\_\_\_\_  
(*please* include email address)  
Postal 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 Nov. 1, 2019	Register after Nov. 1, 2019	
<b>RULL 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			* To qualify for Member Rate you <u>must</u> complete the Association Memberships section on the reverse side. ● ● ● ● ● ● ● ● Trade Show is <u>included</u> in the Full Conference Registration Rate.  <b>TOTAL REGISTRATION FEE</b> US\$ _____
<b>ASSOCIATION MEMBER RATE*</b>	<input type="checkbox"/> US\$ 275	<input type="checkbox"/> US\$ 375	
<b>STUDENT MEMBER RATE*</b> Include copy of Student I.D.	<input type="checkbox"/> US\$ 95	<input type="checkbox"/> US\$ 135	
<b>Non-Member Rate</b>	<input type="checkbox"/> US\$ 370	<input type="checkbox"/> US\$ 470	
<b>Student Non-Member Rate</b> Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.	<input type="checkbox"/> US\$ 145	<input type="checkbox"/> US\$ 180	
<input type="checkbox"/> <b>Spouse Rate</b> Name _____	<input type="checkbox"/> US\$ 225	<input type="checkbox"/> US\$ 295	
<b>TRADE SHOW PASS</b> Good for 3 days admission to exhibits only – November 20 - 22, 2019			(Trade show pass is included with the Full Conference Registration) <input type="checkbox"/> US\$ 30 <b>TOTAL TRADE SHOW PASS</b> US\$ _____
<b>INDUSTRY TOURS</b> – Details to come			<b>TOTAL INDUSTRY TOURS</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 Nov. 1, 2019 or fax after Nov. 1, 2019. After October 8, bring this form with you to register at the show.		<b>TOTAL AMOUNT US\$</b> _____	

**Registration Confirmation and Receipt will be emailed after processing.**

**CANCELLATION POLICY:** Cancellation of registration must be received - in writing - no later than November 1, 2019. 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 November 1, 2019 or for “no shows”. After November 1, 2019, 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 LACQUA19. **For bank transfer details, contact us.**

Check # \_\_\_\_\_  Visa  Mastercard  American Express  Discover  Diners Club  
Card # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Sec Code \_\_\_\_\_  
Name on Card \_\_\_\_\_ Date \_\_\_\_\_ Signature \_\_\_\_\_  
Credit Card Billing Address \_\_\_\_\_

# 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:

- AQUABIO
- Aquaculture Association of Canada
- Aquaculture Association of South Africa
- Aquaculture Without Frontiers
- Asian Fisheries Society
- Associação Cearense de Aquicultores – ACEAQ
- China Society of Fisheries
- Egyptian Aquaculture Society
- European Aquaculture Society
- Global Aquaculture Alliance
- IAFI The International Association of Seafood Professionals
- Indonesian Aquaculture Society
- Korean Aquaculture Society
- Korean Society of Fisheries and Sciences (KOSFAS)
- Malaysian Fisheries Society
- Society of Aquaculture Professionals (India)
- South African Aquaculture Society
- Spanish Aquaculture Association (SEA)

## 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: +1-225-347-5408 Fax: +1-225-347-5408 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 110/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 90/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 150/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 300/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).*



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





# TENTATIVE SCHEDULE

## Tuesday, November 19

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

## Wednesday, November 20

Registration Open	08:00 – 17:00
Exhibitor Move-in	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

Registration Open	08:00 – 17:00
Sessions	09:00 – 11:00
Trade Show & Posters Open	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
Trade Show & Posters Open	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

