





Sustainable Aquaculture for Two Oceans

November 14-17, 2022

HOTEL RIU PLAZA Panama City, Panama

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The annual meeting of





Hosted by



Conference sponsor







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LACQUA22 will be the 2022 Annual meeting of the Latin American & Caribbean Chapter of WAS. Following upon the previous successful LACQUA meetings, LACQUA22 will bring back international attention to the aquaculture industry of Panama and Latin America.

LACQUA22 will be held in Panama City, the capital of Panama. Panama is a cosmopolitan, dynamic city, where the modern and the traditional come together to create a cheerful and relaxed atmosphere. Panama, the hub of the Americas, makes a great venue for LACQUA22.

The aquaculture sector of Panama (fish and shrimp together) is one of the main export items of the country. The most cultivated species in Panama are fish (tilapia, cobia, pámpano) and shrimp.

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 Panama 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		
TUESDAY	WEDNESDAY	THURSDAY
NOV	NOV	NOV
15	16	17

Keep in contact with the program developments for



Latin American & Caribbean
Aquaculture 2022
www.was.org

TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

Sessions and workshops at LACQUA22 will cover all aspects of aquaculture in Panama and Latin 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:

LACQUA22

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 carolina@was.org

www.was.org

REGISTER EARLY AND \$AVE!

CALL FOR PAPERS- DEADLINE: June 1, 2022

LACQUA22 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. LACQUA22 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.

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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



LACQUA 22

November 14-17, 2022

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.

BADGE INFORMATION: (As you want your name badge to read – No titles, please) First NameSURNAME (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
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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 RULL CONFERENCE & TRADE SHOW Oct. 1, 2022 Register after Oct. 1, 2022 * To qualify for Member Rate you
In order to receive the Pre-Registration discount rate, this form and payment must be received by the date above <u>must</u> complete the Association
ASSOCIATION MEMBER RATE* US\$ 275 US\$ 375 Memberships section on the reverse side.
STUDENT MEMBER RATE* Include copy of Student I.D. US\$ 95 US\$ 135
Non-Member Rate US\$ 370 US\$ 470 Trade Show is included in the Fu
Student Non-Member Rate Include copy of Student I.D. You can join WAS on the reverse side and use
the Member Rate. TOTAL REGISTRATION FEE
Spouse Rate US\$ 225 US\$ 295 US\$
TRADE SHOW PASS (Trade show pass is included with the Full Conference Registration) Good for 3 days admission to exhibits only - November 14-17, 2022 US\$ 30 TOTAL TRADE SHOW PASS US\$
INDUSTRY TOURS - Details to come
THE SECTION DECLINE COUNTRY OF THE SECTION OF THE S
TOTAL INDUSTRY TOURS US\$
MEMBERSHIP DUES - Enter amount from Membership Application on other side if applicable. TOTAL MEMBERSHIP DUES US\$
Do not mail registration after Oct. 1, 2022 or fax after Oct. 1, 2022. After October 1, bring this form with you to register at the show.
Registration Confirmation and Receipt will be emailed after processing.
CANCELLATION POLICY: Cancellation of registration must be received - in writing - no later than October 1, 2022. 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 October 1, 2022 or for "no shows". After
October 1, 2022, 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 LACQUA22. For bank transfer details, contact us.
Check# Visa Mastercard American Express Discover Diners Club
Card # Expiration Date Signature

REGISTRATION FORM - SIDE 2

Name							
	n any of th	nose associ	ations qua	alifies you fo	r the Memb	er Rate* on the	you are a <u>current</u> member. Registration Fees. You can join
MEMBERSHIPS:	□WAS	USAS	□ APC	☐ Korean	LACC		
AFFILIATE MEMBERSHIPS:	Aquacultu Aquacultu Asian Fish Associaçã China Soc Egyptian / European Global Aqu IAFI The Ir Indonesia Korean Ac Korean Soc Malaysiar Society of Spanish A	io Cearense de Aquiety of Fisheries Aquaculture Societ Aquaculture Societ uaculture Alliance aternational Associ an Aquaculture Society ociety of Fisheris al a Fisheries Society f Aquaculture Profe ican Aquaculture S quaculture Associ	South Africa ers Licultores - ACEA ty sty diation of Seafood iety and Sciences (KO: essionals (India) ociety ation (SEA)	d Professionals SFAS)	TION	□ RENEWAL	
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Fees for memberships are non-refundable.

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

FARM TOURS

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

TRAVEL AND HOTEL

Check the website: WWW.Was.org











TENTATIVE SCHEDULE

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Registration Open	11:00 – 18:30
Exhibitor Move-in	8.00 – 18:30
Poster Set-up	11:00 – 18:30
Inauguration	18:30 – 19.30
Welcome Drink	19:30 – 21.00

Tuesday, November 15

Registration Open 8	3:00 - 17:00
Exhibitor Move-in 8	3:00 - 10:00
Poster Set-up 8	3:00 – 12:00
Session 9	.00 – 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	5.40 – 17.00
LACC General Assembly 18	:00 – 19:00

Wednesday, November 16

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Registration Open	8:00 - 17:00
Sessions	9:00 - 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

Thursday, November 17

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 - 17:40