





Latin American & Caribbean Aquaculture 2023

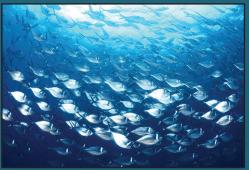
April 18-21, 2023

HOTEL RIU PLAZA Panama City, Panama

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The annual meeting of





Hosted by



Conference sponsor







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LACQUA23 will be the 2023 Annual meeting of the Latin American & Caribbean Chapter of WAS. Following upon the previous successful LACQUA meetings, LACQUA23 will bring back international attention to the aquaculture industry of Panama and Latin America.

LACQUA23 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 LACQUA23.

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			
WEDNESDAY	THURSDAY	FRIDAY	
APRIL	NOV	NOV	
19	20	21	

Keep in contact with the program developments for



Latin American & Caribbean Aquaculture 2023 www.was.org

TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

Sessions and workshops at LACQUA23 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:

LACOUA23

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: December 1, 2022

LACQUA23 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. LACQUA23 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



LACQUA23

April 18-21, 2023

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.

	PLEASE PRINT CLEARLY O	R TYPE ALL REQUESTED INFORMATION			
BADGE INFORMATION: (As you want your name badge to rea	nd – No titles, please)				
First Name	SURI	NAME (FAMILY NAME)			
Company or Institution					
(Limited to 40 Letters	& Spaces)				
City	State/P	rov	Country		
MAILING INFORMATION: Email					
Postal Address (please inclu	de email address)				
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Phone	Fax		Title: (circle one) Dr.	Mr. Ms. Mrs.	
(Include country and city code)	(Include	e country and city code)			
REGISTRATION FEES: In order to receive the discount rates as See brochure for what is included in registration fees.	s listed below, this form and paym	ent must be received by the date lis	ted.		
TYPE OF REGISTRATION RULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, this form and payment must br	Register by March 1, 2023 e received by the date above	Register after March 1, 2023		* To qualify for Member Rate you must 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 <u>included</u> in the Full Conference Registration Rate.	
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 FEE	
Name	US\$ 225	US\$ 295		US\$	
TRADE SHOW PASS		(Trade sho	w pass is included with the Full C	conference Registration)	
ood for 3 days admission to exhibits only – April 18-21, 2023		US\$ 30	TOTAL TRADE SHOW PASS US\$		
NDUSTRY TOURS - Details to come					
			TOTAL INDUSTRY TOURS US\$		
MEMBERSHIP DUES – Enter amount from Membership App	olication on other side if applicable.		TOTAL MEMBERSHIP DUES US\$		
Do not mail registration after March 1, 202 After March 1, bring this form with you to	•	2023.	TOTAL AMOUNT US\$		
Registration Confirm	nation and Re	ceipt will be e	mailed after pro	cessing.	
ANCELLATION POLICY: Cancellation of registration must be received - in writing or cancellations received after March 1, 2023 or for "no shows". After March 1, 2 ees for memberships are non-refundable.					
PAYMENT METHOD: All fees must be paid to the o	rder of LACQUA23.		For bank transfer det	ails, contact us.	
Check#	Visa Mastercar	d American Expre	ss Discover	Diners Club	
Card #		Expiration Date	Sec Code		
Name on Card	Date	Signature			
Credit Card Billing Address					

REGISTRATION FORM - SIDE 2

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

Fees for memberships are non-refundable.

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

Tuesday, April 18

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

Wednesday, April 19

Registration Open	8:00 – 17:00
Exhibitor Move-in	8:00 – 10:00
Poster Set-up	8:00 – 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	16.40 – 17.00
LACC General Assembly	18:00 – 19:00

Thursday, April 20

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

Friday, April 21

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

