

WA2021 will be an **In-Person Event!** Please get vaccinated so we can have a free-flowing meeting!











Red Tilapia













CONAPESCA

WORLD AQUACULTURE VISITS MEXICO

The World Aquaculture Society is the organization of professionals in the most important field in the world, with members of more than 100 countries. Its annual conference is recognized globally as the most relevant for the exchange of knowledge, technology, innovation and professional network training. During WA2022 there will be the participation of the Food and Agriculture Organization of the United Nations (FAO) and other international organizations. There will be multiple presentations, workshops, business meetings, trade exhibition, art gallery, technical visits to farms and process plants in the region, and various events dedicated to building professional networks.

Mérida is distinguished for being one of the most beautiful cities in the world, as well as being considered one of the jewels of Latin America. With a wonderful climate, friendly and hospitable people, located in the State of Yucatan, cradle of the Mayan culture; It has various tourist attractions, among which are archaeological centers, beaches, large haciendas and majestic cenotes.

The Yucatan International Congress Center is an ecologically responsible building, equipped with state-of-the-art technology, built under the LEED Green Building certification system, it has "El Cenote" inside it, an underwater river that makes it unique in the world.

Due to the richness of its natural and hydrological resources, Mexico is considered one of the countries with the greatest aquaculture potential in the world. It is an honor for Mexico and a great opportunity that Mérida will become the capital of aquaculture during 2022. This event is expected to be a watershed in the evolution of the activity not only in the peninsula but throughout the country. #AquacultureNow.

WA2022 is inviting the national and international organisations and societies to hold their seminar, workshop and meetings during the event in Merida.

Stay in touch with the program developments for WORLD AQUACULTURE 2021 through our Web Page at: www.was.org



TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

Sessions and workshops at World Aquaculture 2021 will cover all aspects of aquaculture in the Latin American and Caribbean region as well as the rest of the world. Sample topics will include:

Abalone

Advances in alternative feed ingredients Advances in live feeds for larviculture

Algea and macrophytes

Amphibian and Reptile Aquaculture

Animal health and Welfare

Aquaculture and Circular Economy Aquaculture business incubator

Aquaculture for the future

Aquaponics and Integrated Aquaculture-

Agriculture Systems

Aquatic veterinary health capacity

Arid land Aquaculture

Barramundi, Seabass & Seabream

Bio-floc Systems Biosecurity

Biotechnology

Biotechnology products from the sea: Pharma,

Additives, Protein Sources

Breeding & Genetics

Cage-culture

Carpet Shells

Carps Catfish

Certification and legislation

Clams (including Giant Clams)

Climate change, adaptation, resilience

Cobia

Coldwater Species - General

Commercial Species. Shrimp, Tilapia, Oyster, Tuna

Country Specific Sessions (eg 2008 Norway)

Crabs & Lobsters

Crayfish & Freshwater Prawn

Development of national aquaculture technology

Development, Welfare and Poverty Alleviation (AwF)

Diseases

Drugs and Chemotherapeutics

Economics & Management

Ecosystems approach

Education, Extension, Technology Transfer &

Workforce Development (AquaEd)

Eels Embryology

Emerging Issues

Emerging Species
Enhancement, Stocking & Ranching

Environment and Biodiversity and Climate Change

Environment and Biodiversity and Climate Change Energy-alternative sources and conservation

Engineering

Financing and investment

Finfish Broodstock Maturation

Fish Health

Fish Meal and Oil (IFFO)

Flatfish

Food Safety, Inspections and Audits

Food security

Freshwater fish: Catfish, trout, Pejelagarto

Atractosteus tropicus

Freshwater crustaceans: Cherax crayfish,

Procambarus crawfish, Macrobrachium spp.

Freshwater Species - General

The future of integrated aquaculture

General Aquaculture

Genetic Improvement Programs for commercially

important aquaculture species

Grouper & Snapper

Hatchery & Larvae Management

Hatchery and Nursery Health - food and well-being

Immunology

Information Technology in Aquaculture

Innovation and High Techs

Integrated Multi-trophic Aquaculture

Investment funds and financing mechanisms for

aguaculture

Korean Aquaculture Session

Macroalgae

Marine Fish: Red drum, Cobia, Snapper, Totoaba,

Groupers Marketing & Trade Markets and media

Milkfish

Mollusks: Bivalves (Scallops, Penshell), Octopus

Mollusc Broodstock and Hatchery

Mollusc Cultivation

Mullets Mussels

Nutrition & Feed Ocean acidication

Octopus and Cuttlefish
Offshore Aquaculture

Omics tools for Aquaculture

Organic Aquaculture Ornamentals

Ornamentals
Other Marine Fish

Oyster

Pacific & Indigenous Aquaculture Pangasius, Clarias & Ictalurus Pearl and Queen Conch Culture

3rd International Symposium on Perch and Bass

Physiology, Morphology & Histology

Plankton Culture Policy & Regulations

Polyculture

Pond Culture

Prebiotics and Probiotics

Processing Technology

Product Quality

Production systems

Raceway Systems Recirculating Systems

Regularization in aquaculture planning

Reservoir based and Lake Aguaculture

Salmonids

Scallops Sea cucumbers

Sea cucumper

Sea urchins

Seafood & Health (GILLS)

Seaweeds and Algae

Shrimp Farm Design and Management

Shrimp Feeding and Nutrition

Shrimp Genetics, Broodstock and Hatchery Management

Shrimp pathology and biosecurity

Snappers

Socioeconomics

Spatial Planning, Regulation and Zoning

Species with potential for Expansion. Marine Fish (Seriola),

Pacific Oyster

Species with potential for economic development

Standards & Certification

Sturgeons

Supply chain

Sustainable Development of Aquaculture

Tilapia Trade

Trouts

Tuna

Urban aquaculture

Value Chain Development

Warm water Species – General Wastage Utilisation

Water Quality and Usage Women in Aquaculture

Women in Aquaculture
Workforce development

Yellowtails, Amberjacks, etc Zebrafish

YOUR FULL CONFERENCE REGISTRATION INCLUDES:

- * Admission to all sessions, seminars and the trade show.
- * Admission to the Receptions.
- Conference bag and Show Directory(except for spouse)
- 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.
- Only pre-registered attendees are guaranteed materials

World Aquaculture 2021

FOR MORE INFORMATION:

World Aquaculture 2021

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 SAVE!

CALL FOR PAPERS - DEADLINE: May 1, 2022

WORLD AQUACULTURE 2021 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.**

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. Slides, overhead projectors and video players will not be available or allowed.

All presenters are required to pay their own registration accommodation and travel expenses. WORLD AQUACULTURE 2021 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed - an Abstract Book will be available online.

INSTRUCTIONS FOR PREPARATION OF ABSTRACTS

Expanded Abstract Format - Please refer to the sample.

- **1. TITLE OF PAPER:** The abstract title is printed in CAPITAL LETTERS, with the exception of scientific names which should be Upper/lower case and *italicized* (see example). 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 <u>presenting</u> <u>author's</u> institution, address and email. Type in upper/lower case.
- 4. MAXIMUM LENGTH: One Page
- **5. PAGE SIZE:** Standard 8.5 x 11 inch 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. The reduced figures and tables should be included in the abstract in camera-ready form.



8.5 inches wide (21.6 cm)

PLEASE SUBMIT YOUR ABSTRACT ONLINE

Submit your abstract via the internet at the meeting website.

Follow the complete instructions on the website for online submission.

www.was.org

If you are unable to submit your abstract online, contact the Conference Manager for alternative methods at:



World Aquaculture 2021

May 24-27, 2022

Register online at: www.was.org

Return address for payments in USD: Conference Manager P.O. Box 2302 Valley Center, CA 92082 USA Tel: +1760 751 5005 Fax: +1 760 751 5003

Email: worldaqua@was.org

Online registration is preferred at	www.was.org C	JK IAX OF M	an both sides w	nth payment. Use one i	orm per person.	
PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION						
BADGE INFORMATION: (As you want your na	ame badge to read -	– No titles, pl	ease)			
First Name		SURNAME	(FAMILY NAME)			
Company or Institution (Limited to 40 Letter	s & Spaces)					
City		_State/Prov		Country		
(<u>please</u> inclu Postal Address	ude email address)					
City	State / Prov		Postal Code	Countr	·y	
Phone	Fax			Title: (circle one)	Dr. Mr. Ms. Mrs.	
(Include country and city code)		(Include count	ry and city code)			
REGISTRATION FEES: In order to receive the See brochure for what is included in registration		sted below, th	is form and paymo	ent must be received by the	date listed.	
TYPE OF REGISTRATION FULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, this	Į.	Register b	22	Register after April 15, 2022	* To qualify for Member Rate you <u>must</u> complete the Association	
WAS/CHAPTER MEMBER RATE*	om ana payment mas	US\$ 27		US\$ 375	Memberships section on	
WAS/CHAPTER STUDENT MEMBER RATE* Include copy of Student I.D.		US\$ 11		US\$ 155	the reverse side.	
Non-Member 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\$ 37		US\$ 470	Trade Show is <u>included</u> in the Full Conference Registration Rate.	
					TOTAL REGISTRATION FEE	
					US\$	
TRADE SHOW PASS (Trade show pass is in Good for 3 days admission to exhibits only – November		Conference Ro	egistration) US\$ 50	TOTAL TRADE SHOW PASS	US\$	
WORKSHOPS & TOURS – TBA						
				TOTAL	US\$	
MEMBERSHIP DUES – Enter amount from Me	mbership Application	on other side i	f applicable.	TOTAL MEMBERSHIP DUES	US\$	
Do not mail registration after April 1, 20 After April 1, bring this form with you to			→	TOTAL AMOUNT U	S\$	
Registration Confirma	ation and I	Receip	t will be o	emailed after _l	processing.	
CANCELLATION POLICY: Cancellation of registration 20% handling fee. Refunds are processed after th April 1, 2022, no refunds will be made for profession Fees for memberships are non-refundable.	e conference. No re	efund will be	made for cancellation	ons received after April 1, 20	22 or for "no shows". Afte	
PAYMENT METHOD: All fees must be pai	d to the order of WO	ORLD AQUACU	LTURE 2021.	For bank transfer d	etails, contact us.	
Check #		/lastercard	American Ex		Diners Club	
Card #						
Name on Card						
Credit Card Billing Address						

REGISTRATION FORM - SIDE 2

Name						
ASSOCIATION MEMBERSHIPS: 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 □ Korear	n □ LACC □ African Chapter					
AFFILIATE MEMBERSHIPS:						
☐ Aquabio	☐ Indonesian Aquaculture Society					
☐ Aquaculture Association of Canada	☐ Korean Aquaculture Society					
☐ Aquaculture Association of South Africa	☐ Korean Society of Fisheries and Sciences (KOSFAS)					
☐ Aquaculture Without Frontiers	☐ Malaysian Fisheries Society					
☐ Asian Fisheries Society	☐ Sociedad Brasileira de Acuicultura					
☐ China Society of Fisheries	☐ Society of Aquaculture Professionals (India)					
☐ Egyptian Aquaculture Society	☐ South African Aquaculture Society					
☐ European Aquaculture Society	☐ Spanish Aquaculture Association (SEA)					
☐ Global Aquaculture Alliance						
☐ IAFI The International Association of Seafood Professionals	5					
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MEMBERSHIP APPLICATIONS NEW APPLICAT	TON					
WORLD AQUACULTURE SOCIETY (WAS) APPLICATION www.was.org					
For details on the different types of memberships an	nd options, please contact the WAS home office at					
Tel: +1-225-578-3137						
MEMBERSHIP CATEGORY: (Indicate only one) CHAPTER OPTIONS One chapter incuded in membersh						
Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only	Mark the chapter you choose.					
Individual (E Access) (USD 45/yr) Applies to an individual only	→ Africa → Asian Pacific					
Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor	Norga					
□ Sustaining (Electronic JWAS) (USD 105/yr) Applies to any <u>one</u> individual from a co □ Corporate (Electronic JWAS) (USD 255/yr) Allows <u>all</u> employees of <u>one</u> company to	Latin American/Carribean					
Lifetime (Electronic JWAS) (USD 255/yr) Allows <u>all</u> employees of <u>one</u> company to	United States (USAS)					
☐ Lifetime (Electronic JWAS only) (USD 1100 with no chapter) Applies to an individe						
and the control of th	100 cm san					
Total Amount for WAS Membership USD						
Fees for memberships are non-refundable. Please e	enter this amount under "Membership Dues" section on opposite side of this form.					

MANY OPPORTUNITIES FOR FARM TOURS

Some very special tours will be arranged. Details to be provided later – check our website for updates.

HOTELS

We have arranged a wide range of quality accommodations at special rates. Please check the website for hotel details.

TRADE SHOW SCHEDULE

MAY 25 10:00 - 18:30

MAY 26 10:00 - 18:30

MAY 27 10:00 - 16:30

Centro Nacional de Congress de Yucatan CIC (Av.Cupules y Av. Colón Centro, C.P. 97000 - Mérida)



TENTATIVE SCHEDULE

Tuesday May 24				
Open registration and exhibition setup	10:00 - 17:00			
WAS / LACC inauguration and awards	17:00 - 19:00			
Welcome drink	19:15 - 21:00			
Wednesday May 25				
Registration	7:30 - 17:00			
Sessions	9:00 - 11:00			
Exhibition and refreshments and posters	11:00 - 11:40			
Plenary 1	11:40 - 12:20			
Panel 1	12:20 - 13:00			
Lunch (own expense)	13.00 - 14:30			
Sessions - Panel 2	14:30 - 16:10			
Exhibition and refreshments and posters	16:10 - 16:30			
Sessions - Panel 2	16:30 - 17:30			
Happy Hour and posters and prizes				
of Mexican aquaculture	17:30 - 19:00			
Student forum and reception	19:00 - 21:00			
Thursday May 26				
Registration	7:30 - 17:00			
Sessions – Panel 3	9:00 - 11:00			
Exhibition and refreshments and posters	11:00 - 11:40			
Plenary 2	11:40 - 12:20			
Panel 3	12:20 - 13:00			
Lunch (by individual account)	13:00 - 14:30			
Sessions - Panel 4	14:30 - 16:10			
Exhibition and refreshments and posters	16:10 - 16:30			
Sessions - Panel 4	16:30 - 17:30			
Happy Hour and posters and prizes				
of Mexican aquaculture	17:30 - 19:00			
President's reception	19:00 - 21:00			
Friday May 27				
Registration	7:30 - 17:00			
Sessions	9:00 - 11:30			
Exhibition and refreshments and posters	11:00 - 11:20			
Session – Panel 5	11:20 - 12:00			
Panel 5	12:00 - 13:00			
Lunch (by individual account)	13:00 - 14:30			
Sessions - panel 6	14:30 - 16:10			
Exhibition and refreshments and posters	16:10 - 16:30			
Sessions - panel 6	16:30 - 17:30			

