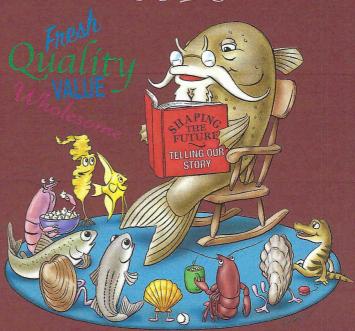
Aquaculture America 2018



February 19-22, 2018
Paris Las Vegas
Las Vegas, Nevada USA

THE NATIONAL CONFERENCE & EXPOSITION OF



Aquaculture



Associate Sponsors

Americas Tilapia Alliance American Veterinary Medical Association Aquacultural Engineering Society Aquaculture Association of Canada Catfish Farmers of America



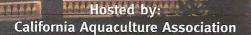
Global Aquaculture Alliance International Association of Aquaculture

Economics and Management
Latin American Chapter WAS
Striped Bass Growers Association
US Trout Farmers Association
World Aquatic Veterinary Medical Association
Zebrafish Husbandry Association









AQUACULTURE AMERICA RETURNS TO LAS VEGAS

AQUACULTURE AMERICA 2018 returns to one of the favorite entertainment spots in the world for the only major national aquaculture conference and exposition held in the U.S. The U.S. Aquaculture Society (formerly U.S. Chapter of WAS) joins with National Aquaculture Association and the Aquaculture Suppliers Association to produce the annual Aquaculture America meetings.

These sponsors are joined by the annual meetings of Aquacultural Engineering Society, Americas Tilapia Alliance, Striped Bass Growers Association, US Trout Farmers Association, and many more associations to make Aquaculture America 2018 the one meeting in the U.S. that you don't want to miss!

BEYOND THE CONFERENCE

Las Vegas offers many attractions and great fun. Aquaculture America 2018 is the place to learn about the latest in aquaculture, see the newest technology in the trade show and have a great time in the many fantastic restaurants, bars and entertainment sites in Las Vegas.

A CRITICAL TRADE SHOW FOR AQUACULTURISTS!

AQUACULTURE AMERICA 2018 will have the largest aquaculture trade show in the Western Hemisphere and one of the largest anywhere in the world with nearly 200 booths! This is your opportunity to inspect the latest in products and services for the aquaculture industry. It is the place to visit current suppliers and make new contacts. To keep ahead and to keep profits building, you need to keep pace with the technological advancements in the industry - and AQUACULTURE AMERICA 2018 is the place to do it!

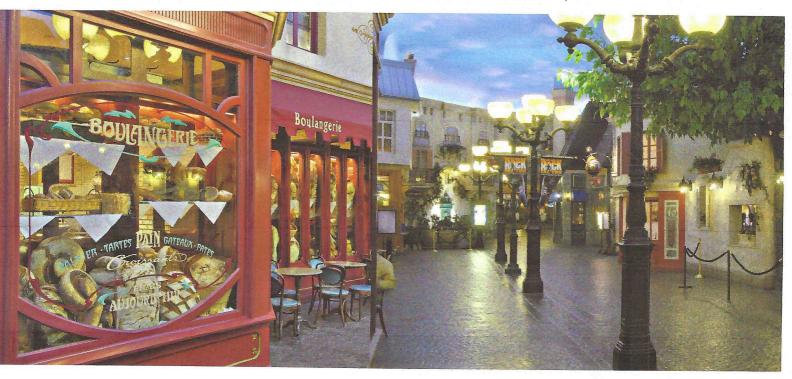
Aquaculture America is known for the high quality of its Producer Program organized by NAA. AQUACULTURE AMERICA 2018 will continue to expand the size and scope of the producer program to address all of the issues facing producers in the U.S. as well as around the world. Topics Include:

Federal Agency Town Hall Meeting Aquatic Animal Health Environmental Issues Offshore Aquaculture Farm Energy Cost Reduction Aquatic Animal Drug Approvals Regulatory Costs Start Up Aquaculture Marketing and Promotion Science and Public Policy Women in Aquaculture Federal Regulation Reform New Technologies

YOUR FULL CONFERENCE REGISTRATION INCLUDES:

Only pre-registered attendees are guaranteed materials

- · Admission to all sessions, seminars and the trade show.
- Admission to the President's Reception.
- · Conference Bag, Abstract CD 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.



TECHNICAL PROGRAM COVERS THE LATEST RESEARCH

The U.S. Aquaculture Society will put together an extensive technical program featuring special sessions, contributed papers and workshops on all of the species and issues facing aquaculturists around the country and throughout the world. Sample topics:

Biotechnology/Biogenetics

Crustacean genetics/selection/ genomics

Finfish genetics/selection/genomics Genetically modified organisms Shellfish genetics/selection/genomics

Conservation/Management/ Stock Enhancement

Conservation/restoration aquaculture

Stock enhancement

Crustaceans

Species

Crawfish

L. vannamei

Macrobrachium sp.

Shrimp husbandry/production

Economics/Marketing

Aquaculture economics

Certification

Consumer perceptions of farm-

raised seafood Marketing

Organic aquaculture

Risk management

Engineering

Aquaponics

Bioflocs

Biofouling

Biofuels

Effluent waste management

Recirculating aquaculture system

technology

System modelling

Finfish

Species

Baitfish

Catfish/catfish hybrids

Flatfish

Gar/paddlefish/bowfin

Largemouth bass

Marine fish

Mullet

Percids

Salmonids

Striped bass/striped bass hybrids

Sturgeon

Tilapia

Tuna

Zebrafish

Finfish husbandry/production

Food Safety

Seafood/health-related Shellfish safety

Health/Disease

Aquaculture drugs

Aquatic animal veterinary medicine

Biofilms

Biosecurity

Crustacean bacterial diseases

Crustacean fungal diseases

Crustacean parasitic diseases

Finfish bacterial diseases

Finfish fungal diseases

Finfish parasitic diseases

Immunology/stress

Mucosal health

Physiology

Preventative medicine strategies

Shellfish bacterial diseases

Shellfish fungal diseases

Shellfish parasitic diseases

Vaccines

Viral diseases

Welfare

Nutrition

Alternative feeds

Crustacean nutrition

Feed ingredients

Finfish nutrition

Fish oil

Live feeds

Pond fertilization

Prebiotics/probiotics

Shellfish nutrition

Other Sessions

Aquaculture education

Aquaculture without Frontiers

Disaster relief

Ecology/environment

Endangered species

Extension/technology transfer

History of aquaculture

Invasive species

Ocean acidification

Outreach

Wireless/automated technologies

in aquaculture

Other Species

Algae

Alligator

Amphibians

Eels

Ornamentals

Sea Urchins

Regulations/Policies/Permitting

Reproduction

Broodstock propagation/manage-

Crustacean reproduction

Finfish reproduction

Hatchery technology

Larval culture

Shellfish reproduction

Shellfish

Species

Abalone

Freshwater mussels

Mussels/clams/geoducks

Oysters

Pearl oysters

Scallops

Tridacna

Shellfish husbandry/production

Systems

Cage culture

In-pond raceways/split-ponds

Integrated multi trophic aquacul-

Non-traditional aquaculture

Offshore aquaculture

Pond culture

Raceway culture

Recirculating aquaculture

Recreational/ornamental pond

management

Small scale aquaculture

Urban aquaculture

Water Quality/Chemistry

Algal blooms

Instrumentation

Management

Methodology Nitrogen waste management

Toxins/contaminants

CALL FOR PAPERS - DEADLINE: September 8, 2017

AQUACULTURE AMERICA 2018 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 12 minutes for a presentation, plus 3 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. AQUACULTURE AMERICA 2018 cannot subsidize registration fees, travel or hotel costs.

No Abstract Book will be printed – a USB Abstract Book will be given to registered attendees.

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 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 in black print only. 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:

worldaqua@was.org or Fax: +1-760-751-5003



ATTENDEE REGISTRATION FORM

Aquaculture America 2018

February 19 - 22, 2018 – Las Vegas, Nevada

Return address for payments in USD: AQUACULTURE AMERICA 2018 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.

PLEA	SE PRINT CLEARLY OR T	YPE ALL REQUESTED IN	IFORMATION	
BADGE INFORMATION: (As you want your r	name badge to read – No t	titles, please)		
First Name	SUF	RNAME (FAMILY NAME)		
Company or Institution				
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REGISTRATION FEES: In order to receive th See brochure for what is included in registration	ne discount rates as listed on fees.	below, this form and pay	ment must be received by	the date listed.
TYPE OF REGISTRATION FULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, th	Register by January 24, 2018 is form and payment must be	Register by February 8, 2018	Register after February 8, 2018	*To qualify for Member Rate you must complet the Association Memberships section on the reverse side.
ASSOCIATION MEMBER RATE*	US\$ 435	US\$ 535	US\$ 635	
STUDENT MEMBER RATE* Include copy of Student I.D.	US\$ 225	US\$ 225	US\$ 290	
Non-Member Rate	US\$ 540	US\$ 640	US\$ 740	Trade Show is included
Student Non-Wember Rate Include copy of Student I.D. You can join WAS on the reverse side and use	US\$ 295	US\$ 295	US\$ 365	in the Full Conference Registration Rate.
the Member Rate.				TOTAL REGISTRATION FEE
Name	US\$ 335	US\$ 395	US\$ 495	US\$
TRADE SHOW PASS		(Trade sho	w pass is included with the F	
Good for 3 days admission to exhibits only – Februa		US\$ 50	TOTAL TRADE SHOW PASS	US\$
MEMBERSHIP DUES – Enter amount from M			TOTAL MEMBERSHIP DUES	US\$
ADVANCED AQUAPONICS WORKSHOF February 18 8:30 AM - 4:30 PM	□ Non-US Chapter of WAS Me □ US Chapter of WAS Me □ US Chapter of WAS St	mber Pricing - \$150	L AQUAPONICS WORKSHOP	US\$
STATISTICS IN AQUACULTURE WORKS February 19 8:30 AM - 4:30 PM	USAS or AFS-FCS Men	sher Pricing - \$150	L AQUAPONICS WORKSHOP	US\$
Do not mail registration after Feb. 10, 2 After Feb 15, bring this form with you to		→	TOTAL AMOUNT US	\$\$
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CANCELLATION POLICY: Cancellation of registration 20% handling fee. Refunds are processed after the January 28, 2018, no refunds will be made for processed after the genergencies. Fees for memberships are non-refund	n must be received - in writir e conference. No refund will ofessional or personal emerç	ng - no later than January 2 be made for cancellations	28, 2018. Refunds for registra received after January 28, 20	ation fees will be subject to a 118 or for "no shows". After
PAYMENT METHOD: All fees must be pa		TURE AMERICA 2018.	For bank transfer de	tails, contact us.
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REGISTRATION FORM - SIDE 2

Name	
ASSOCIATION MEMBERSHIPS: Please check all boxes for Membership in any of those associations qualifies you for the an association at any time before registering to qualify for the	e Member Rate* on the Registration Fees, You can join
MEMBERSHIPS: □ WAS □ USAS □ APC □ Korean	LACC
□ Americas Tilapia Alliance □ American Veterinary Medical Association □ AQUABIO □ Aquacultural Engineering Society □ Aquaculture Association of Canada □ Aquaculture Association of South Africa □ Aquaculture Feed Industry Association □ Aquaculture Without Frontiers □ Asian Fisheries Society □ China Society of Fisheries □ Egyptian Aquaculture Society □ European Aquaculture Society □ Fish Culture Section - AFS □ Global Aquaculture Alliance □ IAFI The International Association of Seafood Professionals	□ Indonesian Aquaculture Society □ Korean Aquaculture Society □ Korean Society of Fisheris and Sciences (KOSFAS) □ Malaysian Fisheries Society □ National Aquaculture Association □ National Shellfisheries Association □ Sociedad Brasileira de Acuicultura □ Society of Aquaculture Professionals (India) □ South African Aquaculture Society □ Spanish Aquaculture Association (SEA) □ Striped Bass Growers Association □ US Trout Farmers Association □ World Aquatic Veterinary Medical Association □ Zebrafish Husbandry Association
MEMBERSHIP APPLICATIONS NEW APPLICATION	N 🔾 RENEWAL
NATIONAL AQUACULTURE	ASSOCIATION (NAA)
For details on the different types of memberships and o	
	mail: naa@thenaa.net Web: thenaa.net
Individual Memberships: Individuals, growers, partnerships and who derive a portion of their income from aquaculture. Silver, of from aquaculture, but wish to increase their support of the NAA	corporations who engage in the practice of and Gold and Platinum members also derive income
Individual: \$250	Silver: \$1,000 to \$2,499
Gold: \$2,500 to \$4,999	Platinum: \$5,000 and above
	or NAA Membership USD under "Membership Dues" section on opposite side of this form.
WORLD AQUACULTURE SOCIETY (WA For details on the different types of memberships and of Tel: +1-225-578-3137 Fax: +1-225-578- 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 Student (Printed JWAS) (USD 90/yr) (Copy of Student ID or Signature of Professor Sustaining (Electronic JWAS) (USD 105/yr) Applies to any one individual from a comp Sustaining (Printed JWAS) (USD 150/yr) Applies to any one individual from a comp Corporate (Electronic JWAS) (USD 255/yr) Allows all employees of one company to Corporate (Printed JWAS) (USD 300/yr) Allows all employees of one company to Lifetime (Electronic JWAS only) (USD 1000 with no chapter) Applies to an individual Lifetime (Electronic JWAS only) (USD 1100 with one chapter) Applies to an individual Fees for memberships are non-refundable.	crequired) inpany anty attend meeting at Member Rate id only

WORKSHOP / TRAVEL / HOTELS

ADVANCED AQUAPONICS WORKSHOP

February 18, 2018 8:30 am - 4:30 pm Paris Hotel, Las Vegas, NV

'Whet' your aquaponics skills and knowledge

- Aquaponic Certifications and Best Management Practices
- Aquaponic System Engineering and Design
- Plant Care in Aquaponics
- Economics of Plant Production
- Aquaponics Trends

Join us for a day of learning to become more successful in your own aquaponics operation!

TRAVEL

Special car rental fares have been arranged with AVIS. you can make reservations at www.avis.com and mention the special discount code #J770126.

HOTELS

We have arranged for fantastic rates at the Paris, Bally's and Planet Hollywood Hotels in Las Vegas. The meeting will be in the Paris Convention Center. Bally's is attached to Paris and Planet Hollywood is next to Paris Hotel. You can reserve your room by phone or on their website.

Check the conference website for details.

STATISTICS IN AQUACULTURE WORKSHOP

February 19, 2018 8:30 am - 4:30 pm Paris Hotel, Las Vegas, NV

The General Linear Model - a Unifying and Simplifying Theme of Statistics. The focus will be on applied statistics with very little theory or equations.

Most people in scientific fields like aquaculture have heard the litany of statistical terms: regression, t-test, ANOVA, ANCOVA, mixed-effects, multi-factor ANOVA, multiple regression, repeated measures, nested effects, logistic regression, and so on.

This workshop will teach all of the basic and advanced statistics listed above from the perspective of the general (and generalized) linear model.



FOR MORE INFORMATION

Aquaculture America 2018

Conference Management Office P.O. Box 2302

Valley Center, CA 92082 USA Tel: +1-760-751-5005

Fax: +1-760-751-5003 Email: worldaqua@was.org

REGISTER EARLY AND \$AVE!

