February 28 - March 4, 2022
Town and Country Resort & Conference Center
San Diego, California

Aquaculture 2022
Come one, Come all, for Aquaculture Large and Small

Coming Attractions

CO-SPONSORS

ASSOCIATE SPONSORS

Hosted By:
California Aquaculture Association

ASSOCIATE SPONSORS

Aquacultural Engineering Society
Aquaculture Association of Canada
Aquaculture Feed Industry Association
Catfish Farmers of America
Global Aquaculture Alliance
International Association of Aquaculture Economics and Management
Latin America & Caribbean Chapter WA
US Trout Farmers Association
World Aquatic Veterinary Medical Association
Zebrafish Husbandry Association
Aquaculture 2022

Every three years, the Triennial is held somewhere in the United States. In 2022, the Triennial returns to sunny San Diego – one of America’s favorite cities.

THE TRIENNIAL IS THE LARGEST AQUACULTURE MEETING IN THE WORLD!

The Triennial is the largest aquaculture conference and tradeshow held in the world with nearly 4,000 attendees from over 90 countries and even more countries are expected to have attendees at AQUACULTURE 2022. The Triennial combines the annual meetings of the Fish Culture Section of the American Fisheries Society, World Aquaculture Society, National Shellfisheries Association, and the National Aquaculture Association. In addition to the annual meetings of the main sponsors, look what else is happening at AQUACULTURE 2022!

- AQUACULTURE AMERICA - Annual Meeting of USAS, the U.S. Chapter of World Aquaculture Society and the Aquaculture Suppliers Association.
- Annual Meeting of the U.S. Trout Farmers Association
- Special sessions organized by Aquacultural Engineering Society and International Association of Aquaculture Economics and Management
- Many other meetings of working groups, government agencies and related aquaculture activities
- Program with technical sessions and producers seminars covering virtually all species grown in aquaculture
- AND - look at all of the Associate Sponsors on the cover who are participating in the program development!

The last Triennial was held in 2019 in New Orleans where it was pronounced a huge success by over 3,000 people who attended. Don’t miss this Triennial!

FOR MORE INFORMATION

Aquaculture 2022
Conference Management Office
P.O. Box 2302
Valley Center, CA 92082 USA
Questions: Tel: +1-760-751-5005 Fax: +1-760-751-5003
worldaqua@was.org
Plenary Speaker

How Sustainable Is Aquaculture?

Prof. Roz Naylor, Stanford University
Aquaculture 22: World Aquaculture Society Meeting
San Diego, CA: March 1, 2022

Prof. Roz Naylor will discuss her professional and personal journey in assessing the sustainability of aquaculture over the past two decades. Her comments will reflect insights from two reviews on aquaculture published in Nature, the first in 2000 (“The effect of aquaculture on world fish supplies”) and the second in 2021 (“A 20-year retrospective review of global aquaculture”). She will discuss the important role of professional collaborations as well as her work on aquatic foods as part of the global food system in shaping her views. The talk will explore major areas of achievement as well as persistent challenges along the path toward a sustainable aquaculture sector.

Rosamond (Roz) Naylor is the William Wrigley Professor of Earth System Science, Professor (by courtesy) in Economics, and founding Director of the Center on Food Security and the Environment at Stanford University. She received her PhD from Stanford University in applied economics, her MSc in economics from the London School of Economics, and her dual BA degrees in economics and environmental science from the University of Colorado. Her research focuses on policies and practices to improve global food security and protect the environment on land and at sea. She and her students have been involved in field-level research worldwide, and she has published widely on issues related to aquaculture, global food systems, and food policy. She currently co-chairs The Blue Food Assessment, an international initiative aimed at providing a comprehensive scientific evaluation of the sustainability, nutrition, equity, and justice dimensions of aquatic foods cultured and captured in freshwater and marine environments within the global food system. She is a Fellow of the Ecological Society of America, a Pew Marine Fellow, and a Leopold Leadership Fellow. She is also the President of the Board of Directors for Aspen Global Change Institute and a member of the Scientific Advisory Committee for Oceana.
### Sessions by Day

**Aquaculture 2022**
## ATTENDEE REGISTRATION FORM

### AQUACULTURE 2022

**February 28 - March 4 • San Diego, California**

Online registration is preferred at www.was.org OR fax or mail both sides with payment. Use one form per person.

### PLEASE PRINT CLEARLY OR TYPE

**NAME BADGE INFORMATION:** (As you want your name badge to read – No titles, please)

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<th>Title: (circle one)</th>
<th>Dr.</th>
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**REGISTRATION FEES:** In order to receive the discount rates as listed below, this form and payment must be received by the date listed.

### TYPE OF REGISTRATION

Check the appropriate boxes

<table>
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<tr>
<th>MEMBER RATE*</th>
<th>Register by January 21, 2022</th>
<th>Register by February 15, 2022</th>
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<td>US$ 495</td>
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<th>STUDENT MEMBER RATE*</th>
<th>Include copy of Student I.D.</th>
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<th>US$ 395</th>
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<th>TRADE SHOW PASS</th>
<th>(Trade show pass is included with the Full Conference Registration)</th>
<th>US$ 50</th>
<th>TOTAL TRADE SHOW PASS</th>
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**INDUSTRY TOURS** See website for current tour information

**MEMBERSHIP DUES** – Enter amount from Membership Application on other side if applicable.

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Do not mail registration after Jan. 31, 2022 or fax after Feb. 20, 2022. After those dates, 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 February 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 February 1, 2022 or for “no shows”. After February 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 AQUACULTURE 2022.

- [ ] Check #
- [ ] Visa
- [ ] Mastercard
- [ ] American Express

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For bank transfer details, contact us.
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.

- Aquacultural Engineering Society
- Aquaculture Association of Canada
- Aquaculture Without Frontiers
- Asian Fisheries Society
- California Aquaculture Association
- China Society of Fisheries
- Egyptian Aquaculture Society
- European Aquaculture Society
- Fish Culture Section - AFS
- Global Aquaculture Alliance
- Korean Aquaculture Society
- Malaysian Fisheries Society
- National Aquaculture Association
- National Shellfisheries Association
- Sociedad Brasileira de Acuicultura
- Society of Aquaculture Professionals (India)
- Southern African Aquaculture Society
- Spanish Aquaculture Association (SEA)
- US Trout Farmers Association
- World Aquaculture Society
- World Aquatic Veterinary Medical Association
- Zebrafish Husbandry Association

MEMBERSHIP APPLICATIONS

- NEW APPLICATION
- RENEWAL

FISH CULTURE SECTION OF AMERICAN FISHERIES SOCIETY

- FCS Membership for Current AFS members $5.00

All FCS members must be full members of the American Fisheries Society

Join or pay your membership dues online at fishculture.fisheries.org

WORLD AQUACULTURE SOCIETY (WAS) APPLICATION

For details on the different types of memberships and options, please contact the WAS home office at:
Tel: +1-225-578-3137  Fax: +1-225-578-3493  Email: judya@was.org

MEMBERSHIP CATEGORY: (Indicate only one)

- Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only
- Individual (E Access) (USD 45/yr) Applies to an individual only
- Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required)
- Sustaining (Electronic JWAS) (USD 105/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
- Lifetime (Electronic JWAS only) (USD 1000 with no chapter) Applies to an individual only
- Lifetime (Electronic JWAS only) (USD 1100 with one chapter) Applies to an individual only

Total Amount for WAS Membership USD

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

Fees for memberships are non-refundable.

NATIONAL SHELLFISHERIES ASSOCIATION

For details on the different types of memberships and options please contact the NSA office at:

www.shellfish.org

MEMBERSHIP CATEGORY: (Indicate only one)

- Regular (USD 95/yr)
- Student (USD 50/yr)
- Sustaining (USD 200/yr)

Includes subscription to the Journal of Shellfish Research

Signature of Professor or copy of Student ID required

Total Amount for NSA Membership USD

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

NATIONAL AQUACULTURE ASSOCIATION (NAA)

For details on the different types of memberships and options, please contact the NAA home office at:
Tel: +1-850-216-2400  Fax: +1-850-216-2480  Email: naa@thenaa.net  Web: www.thenaa.net

For membership in other associations, please contact them directly.
If you need a phone number, contact the Conference Manager worldaqua@was.org.
**TRAVEL**
Special car rental fares have been arranged with AVIS. You can make reservations at 800-331-1600 or +1-918-624-4338 and mention the special discount code #J770126.

**HOTELS**
We have arranged for fantastic rates at the recently renovated Town and Country Resort and Conference Center. You can reserve your room by phone or on their website.

Check the conference website for details.

**OUR FULL CONFERENCE REGISTRATION INCLUDES:**
- Admission to all conference sessions and the trade show
- Admission to the receptions
- Conference Bag and Show Directory
- Refreshment Breaks and Happy Hour
- Abstract Book on USB
- 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.

**WORKSHOP**
**Statistics in Aquaculture Workshop: Moving Beyond ANOVA: Common Problems in the Analysis of Aquaculture Data**
February 28, 2022    9:00 am - 4:00 pm

**Workshop Content**
"The focus will be on applied statistics with very little theory or equations"

**Instructor:** Todd Steury

See the website for more details: [www.was.org](http://www.was.org)

**Pricing**
- Base Price - $300.00
- US Chapter of WAS Member** - $150.00
- US Chapter of WAS Student Member - $75.00
- **WAS members can join USAS - only $5.00**

**CAA TOURS**

**FEBRUARY 28 (9:00AM – 12:30PM): MORNING LEON RAYMOND, JR., MARINE FISH HATCHERY TOUR**

**Summary:** A two hour, behind the scenes tour of the Leon Raymond, Jr., Marine Fish Hatchery located in Carlsbad, California. This unique Hubbs-SeaWorld Research Institute facility, which was built in 1995, is the home base for their white seabass stock enhancement program. Tour participants will see all aspects of this working marine fish hatchery including broodstock holding, early larval rearing, and juvenile production systems, as well as tagging operations. The tour bus will leave the conference site at 9:30am and will return at 1:00pm.

**Guests:** Up to 54
**Time:** 3.5 hours (9:00am – 12:30pm)
**Price:** $75 per person

**FEBRUARY 28 (12:30PM – 4:00PM): AFTERNOON LEON RAYMOND, JR., MARINE FISH HATCHERY TOUR**

**Summary:** A two hour, behind the scenes tour of the Leon Raymond, Jr., Marine Fish Hatchery located in Carlsbad, California. This unique Hubbs-SeaWorld Research Institute facility, which was built in 1995, is the home base for their white seabass stock enhancement program. Tour participants will see all aspects of this working marine fish hatchery including broodstock holding, early larval rearing, and juvenile production systems, as well as tagging operations. The tour bus will leave the conference site at 9:30am and will return at 1:00pm.

**Guests:** Up to 54
**Time:** 3.5 hours (12:30pm – 4:00pm)
**Price:** $75 per person
TENTATIVE SCHEDULE

Monday, February 28
Exhibit Set-up .................................... 10:00 – 6:00
Registration Open ............................. 12:00 – 6:00
Welcome Reception .......................... 6:00 – 8:00

Tuesday, March 1
Registration Open ............................. 7:30 – 5:00
Opening Ceremonies & Plenary Session . 8:30 – 10:00
Refreshment Break ............................ 10:00 – 11:00
Sessions ............................................ 11:00 – 12:30
Trade Show Open .............................. 10:00 – 6:00
Lunch (on your own) .......................... 12:30 – 1:30
Sessions ............................................ 1:30 – 5:00
Happy Hour & Posters ....................... 5:00 – 6:00
Student Reception & NSA Auction.... 7:00 – 9:00

Wednesday, March 2
Registration Open ............................. 7:30 – 5:00
Sessions ............................................ 8:30 – 10:00
Trade Show Open .............................. 10:00 – 5:30
Refreshment Break ............................ 10:30 – 12:30
Sessions ............................................ 10:30 – 12:30
Lunch (on your own) .......................... 12:30 – 1:30
Sessions ............................................ 1:30 – 4:30
Happy Hour & Posters ....................... 4:30 – 5:30
NAA Auction ...................................... 5:30 – 7:30

Thursday, March 3
Registration Open ............................. 7:30 – 5:00
Sessions ............................................ 8:30 – 10:00
Trade Show Open .............................. 10:00 – 1:30
Refreshment Break ............................ 10:00 – 11:00
Sessions ............................................ 11:00 – 12:30
Lunch (on your own) .......................... 12:30 – 1:30
NSA Members Luncheon .................. 12:30 – 2:00
Sessions ............................................ 1:30 – 3:00
Exhibit Move-out ............................... 1:30 – 5:00
Refreshment Break ............................ 3:00 – 3:30
Sessions ............................................ 3:30 – 5:30
Presidents Reception ........................ 6:00 – 8:00

Friday, March 4
Registration Open ............................. 8:00 – 5:00
Sessions ............................................ 8:30 – 10:00
Refreshment Break ............................ 10:00 – 10:30
Sessions ............................................ 10:30 – 12:30
Lunch (on your own) .......................... 12:30 – 1:30
Sessions ............................................ 1:30 – 3:00
Refreshment Break ............................ 3:00 – 3:30
Sessions ............................................ 3:30 – 5:00
Closing Happy Hour .......................... 5:00 – 6:00