AULA 2018





#We R Aquaculture

We are the producers, the investors, the suppliers, the processors, the vendors, the scientists, the educators, the students and the consumers of farmed aquatic products.

organized by



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AQUACULTURE
Society

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conference sponsors

















Aqua 2018: The AQUA events - EAS and WAS co-organizing a meeting every 6 years

AQUA 2018 will celebrate the fact that aquaculture is one of the most important food production industries in the world. Aquaculture is the most efficient producer of high quality food and contributes to global health and wealth. Aquaculture respects the environment, creates employment and offers significant investment opportunities. AQUA 2018 will take place from August 25-29 in the beautiful French city of Montpellier and will comprise a scientific conference, trade exhibition, industry forums, workshops, student events and receptions. The event will highlight the latest aquaculture research and innovation to underpin continued growth of this exciting food production sector. The AQUA events are co-organised by the European Aquaculture Society (EAS) and the World Aquaculture Society (WAS) and are held every six years. Past events were held in Nice (2000), Florence (2006) and Prague (2012).

It is a global aquaculture event and participation is expected from more than sixty countries.

MONTPELLIER: A FANTASTIC LOCATION TO BRING THE AQUACULTURE WORLD TOGETHER

Neighboring the Provence area in southern France, Montpellier is the ideal place to stay and take advantage of the seashore and the many hidden treasures of the Languedoc-Roussillon region. Discover 6 major UNESCO World Heritage sites, scenic villages and landscapes and vast natural areas such as the Camargue marshland, and the Cévennes and Pyrénées mountains.

Nestled between sea, vineyards and mountains, Montpellier is the very definition of the Mediterranean city. With its rich historical heritage and idyllic location just a few kilometers from the sea, Montpellier is a key international city for business tourism and is rich with 1,000 years of history. People who cherish old stones and a historical ambiance love strolling through downtown Montpellier's medieval streets, surrounded by historical monuments and antique shops, designer boutiques, and major luxury brand names set up in thousand-year old dwellings with vaulted ceilings... sure to give that far-from-home feeling!

AQUA 2018 WILL HAVE THE LARGEST AQUACULTURE TRADESHOW

AQUA 2018 will draw on Europe and Africa, Canada, USA and Latin America as well as the Middle East and Asia Pacific region and the rest of the world to create one of the largest aquaculture trade shows in the world. The trade show definitely will have one of the widest variety of products of any trade show ever! This is your opportunity to inspect the latest in products and services for the aquaculture industry.







Technical Program Covers The Latest Research

Sessions and workshops at AQUA 2018 will cover all aspects of global aquaculture. We propose the following thematic and species-based topics:

Aquaculture Place in Society

Communication to Society Socio-economics Consumer awareness and perception Consumer concern on animal welfare

Aguaculture Value Chain & Consumers

Development, welfare and poverty alleviation Value chain economics
Market, marketing, promotion of farmed product Consumer studies (perception, communication...)
Education & extension

Aquaculture Standards & Certification

Measuring sustainability in a changing world Food safety Social certifications and labor welfare Integrating finance into sustainability models (IAAEM) Organic aquaculture

Aquaculture, Environment, Biodiversity and Climate Change

Escapees: Causes, Consequences & Prevention
National Overviews of climate change
Assessment and Mitigation of environmental impact
Adaptation to Climate Change and ocean acidification
Toxic algal blooms
Plastics and microplastics
Biodiversity, conservation, alien species...
Life Cycle Assessment (LCA)
Restoration projects using aquaculture organisms

Aquaculture and Human Health

Health attributes of seafood Bioactives and functional seafood Advances in seafood processing

Sustainable Production & Management Systems

Broodstock management
Hatchery technologies
Larvae & juvenile management
Post-juvenile management
Cage Culture
Bio-floc systems
RAS
Raceway systems
Emerging systems for salmonic

Emerging systems for salmonids: landbased and semi-contained

Pond Culture

Reservoir Based Aquaculture

Ocean aquaculture

Integrated Multi-trophic Aquaculture

Capture-based aquaculture

Aquaculture in desert conditions

Agriculture/Aquaculture circular co-production and eco-intensification



Nutrition, Feeds and Feed Additives

Feed additives

Functional ingredients

Antimicrobials in aquafeeds, prebiotics and probiotics

Live feeds

Protein sources

Lipid sources

Nutritional requirements - finfish

Nutritional requirements - crustaceans

Genetics

Selection & breeding programmes

Population genetics

Genomic selection

Sex determinism and control

Biotechnology

New phenotyping tools

Epigenetics

Genome editing

Application of metagenomics in aquaculture

GMO

Animal Health and Welfare

Morphology (including deformities)

Histology

Embryology

Immunology and pathology

Welfare

Microbial Community Management

Biomimetics

Emerging diseases and diagnostics

Vaccines and Therapeutants

Parasites

Targeted Species

Molluscs

Catfish

Tilipia

Percid fish

WSCS Sturgeon

Eels

Freshwater prawns & cravfish

Marine shrimp

Flatfish

Barramundi

Emerging marine finfish: snappers, tuna, cobia, siganids, rabbitfish, wreckfish

Yellowtails

Macroalgae, Microalgae

Ornamentals

Amphibians and reptile

Sea cucumber, sea urchins, polychaetes

Octopus & Cuttlefish

Planning Aquaculture Development

Marine Spatial Planning (incl. siting, zoning and GIS) National aquaculture policies & regulations

MPAs

Outermost Regions and Islands

Special Topics

Education, extension, and technology transfer Aquaculture policy and regulations

Horizon 2020 - EÚ project updates- Horizon 2020 - The EU Research Programme (including projects on microbial and marine algae feed ingredients, IMTA, selective breeding, research

infrastructure....)

EURASTIP - "Promoting Multi-Stakeholder Contributions to International Cooperation on Sustainable Solutions for Aquaculture Development in South-East Asia"

CALL FOR PAPERS

DEADLINE: April 10, 2018

AQUA 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 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. AQUA 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

Please refer to full guidelines at https://www.was.org/EasOnline/abstracts/default.aspx

- 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: 2.5 cm 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.

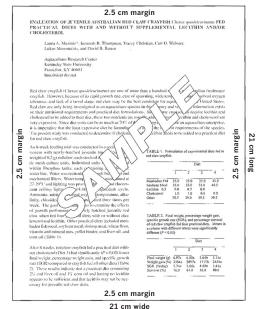
 They should be reduced to the appropriate size for a one page abstract and should be clearly readable at the reduced size in black print only. The reduced figures and tables should be included in the abstract in camera-ready form.
- 11. MEASUREMENTS: Use metric units of measurement. When needed, English equivalents may be given in parentheses.

ALL ABSTRACTS AND PRESENTATIONS MUST BE IN ENGLISH

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 : worldagua@was.org.





AQUA 2018

August 25-29, 2018

Register online: USA - www.was.org

Return address for 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 in USD OR www.aquaeas.eu in Euros OR fax or mail both sides. Use one form per person.

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| (Include country and city code) | (Include | e country and city code) | | |
| REGISTRATION FEES: In order to receive the See brochure for what is included in registration | | below, this form and pay | yment must be received by | the date listed. |
| TYPE OF REGISTRATION | Register by | Register by | Register after | * |
| FULL CONFERENCE & TRADE SHOW In order to receive the Pre-Registration discount rate, the | June 30, 2018 | August 1, 2018 | August 1, 2018 | To qualify for Member Rate you <u>must</u> complet |
| ASSOCIATION MEMBER RATE* | US\$475/€430 | US\$575/€ 525 | US\$675/€ 615 | the Association |
| STUDENT MEMBER RATE* | US\$195/€175 | US\$245/€225 | US\$295/€ 270 | Memberships section on the reverse side. |
| Include copy of Student I.D. | | | | • • • • • • |
| Non-Member Rate | US\$570/€ 520 | US\$670/€ 610 | US\$770/€700 | Trade Show is included |
| Student Non-Member Rate Include copy of Student I.D. | US\$265/€ 240 | US\$300/€280 | US\$355/€320 | in the Full Conference Registration Rate. |
| You can join WAS on the reverse side and use the Member Rate. | | | | TOTAL REGISTRATION FE |
| Spouse Rate | US\$325/€ 295 | US\$425/€ 390 | US\$525/€ 480 | TOTAL REGISTRATION FE |
| Name | 03\$323/€ 293 | 03\$423/€330 | | U\$\$/€ |
| TRADE SHOW PASS | | (Trade sho | w pass is included with the F | ull Conference Registration |
| Good for 3 days admission to exhibits only – August | t 26, 27, 28 | US\$ 30/€ 25 | TOTAL TRADE SHOW PASS | US\$/€ |
| INDUSTRY TOURS – To be announced later. | | | | |
| MEMBERSHIP DUES – Enter amount from M | embership Application on otl | ner side if applicable. | TOTAL MEMBERSHIP DUES | US\$/€ |
| Do not mail registration after August 1, | 2018 or fax after August | 5. | | |
| After August 5, bring this form with you | to register at the show. | 7 | TOTAL AMOUNT US | \$\$ /€ |
| Registration Confirma | ation and Rec | eipt will be e | emailed after p | processing. |
| CANCELLATION POLICY: Cancellation of registration | | | | |
| handling fee. Refunds are processed after the confe July 15, 2018, no refunds will be made for professio emergencies. Fees for memberships are non-refund | nal or personal emergencies, | | | |
| PAYMENT METHOD: All fees must be pa | id to the order of AQUA 2018 | 3. | For bank transfer de | etails, contact us. |
| Check # | Visa Masterc | ard American Ex | xpress Discover | Diners Club |
| Card # | | Expiration Da | ateSec (| Code |
| Name on Card | Date | Signatu | re | |
| Credit Card Billing Address | | | | |

REGISTRATION FORM - SIDE 2

ASSOCIATION MEMBERSHIPS: Please check all boxes for associations of which you are a current member to receive the member

| rate on the registration fees. You can join an association at any t | me before registering to qualify for the member rate. | | | | | |
|--|--|--|--|--|--|--|
| ☐ European Aquaculture Society | ☐ US Chapter of WAS (USAS) | | | | | |
| ☐ World Aquaculture Society (WAS) | ☐ International Assn of Aquaculture Economics and Mgmt | | | | | |
| | · | | | | | |
| · | ☐ Aquacultural Engineering Society | | | | | |
| ☐ Latin American & Caribbean Chapter WAS | | | | | | |
| MEMBERSHIP APPLICATION ☐ NEW APPL | ICATION RENEWAL | | | | | |
| | | | | | | |
| Join the EUROPEAN AG | UACULTURE SOCIETY (EAS)! | | | | | |
| | es automatic receipt of the Aquaculture Europe Magazine and | | | | | |
| newsletter, online access to | Aquaculture International, online networking, annual membership | | | | | |
| | nal aquaculture press and websites, as well as BIG REDUCTIONS S and WAS co-organized meetings. | | | | | |
| EAS membership runs from | January to December each year. New members joining at any time | | | | | |
| of the year receive all mater | ial for the calendar year. | | | | | |
| EAS Membership Categories | Standard Reduced Rate* | | | | | |
| ☐ EAS Individual Membership | € 97.50 € 67.50 | | | | | |
| EAS Institutional Membership | € 307.50 € 207.50 | | | | | |
| ☐ EAS Student Membership | — €30.00 | | | | | |
| ☐ EAS Life Membership** | € 727.50 — | | | | | |
| Total Amount for | EAS Membership € | | | | | |
| | nt under "Membership dues" in the table above. | | | | | |
| *Reduced membership fees are available for: | | | | | | |
| Retired persons (certification of retired status required). | tries with Gross National income (GNI) lower than US\$ 15 000 per capita. These countries | | | | | |
| Individuals residing in European and non-European Mediterranean countries with Gross National income (GNI) lower than US\$ 15.000 per capita. These countries are: Albania, Algeria, Azerbaijan, Belarus, Bossia Fudestias, Bulgaria, Croatia, Egypt, Hungary, Iran, Iraq, Kazakhstan, Latvia, Lithuania, Macedonia- FYR, | | | | | | |
| Montenegro, Morocco, Poland, Romania, Russian Federation, Serbia, Tunisia, Turkey, Turkmenistan, Ukraine - Institutes if based in one of the above mentioned countries. | | | | | | |
| Students (copy of current student card required). **Life membership offers the general EAS benefits for full lifetime duration | n. Join online at: <u>http://www.aquaeas.eu</u> | | | | | |
| | | | | | | |
| WORLD AQUACULTURE SOCIE | • • • | | | | | |
| | nips and options, please contact the WAS home office at | | | | | |
| Tel: +1-225-347-5408 Fax: +1 MEMBERSHIP CATEGORY: (Indicate only one) | -225-347-5408 Email: judya@was.org | | | | | |
| Individual (Electronic JWAS) (USD 65/yr) Applies to an individual only | CHAPTER OPTIONS: One chapter incuded in membership. | | | | | |
| ☐ Individual (Printed JWAS) (USD 110/yr) Applies to an individual only | Mark the chapter you choose. | | | | | |
| ☐ Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signatu | ure of Professor required) Graduate of Professor required Gr | | | | | |
| ☐ Student (Printed JWAS) (USD 90/yr) (Copy of Student ID or Signature | of Professor required) | | | | | |
| Sustaining (Electronic JWAS) (USD 105/yr) Applies to any one individual | ual from a company | | | | | |
| □ Sustaining (Printed JWAS) (USD 150/yr) Applies to any <u>one</u> individual □ Corporate (Electronic JWAS) (USD 255/yr) Allows <u>all</u> employees of <u>on</u> | Trom a company | | | | | |
| □ Corporate (Printed JWAS) (USD 300/yr) Allows <u>all</u> employees of <u>one</u> or one or | Valuation add autra Chantara for LICD E | | | | | |

Total Amount for WAS Membership

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

☐ **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

Fees for memberships are non-refundable.

INDUSTRY FORUMS & FARM TOURS

INDUSTRY FORUMS

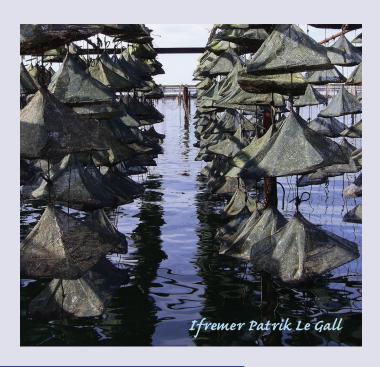
Special industry oriented sessions will be organized on the Monday and Tuesday to address industry challenges and discuss ways to overcome these. More information will be provided on the AQUA 2018 website.

SPECIAL HOTEL RATES

Special hotel rates have been arranged for your visit to France. Please visit the website to get details on the hotels and how to reserve your room.

FARM TOURS

There will be several Farm tours arranged by the French Aquaculture Industry.



| TRADE SHOW SCHEDULE | | | | | | |
|--------------------------------|--------------------------------|--------------------------------|--|--|--|--|
| AUGUST 2018 | | | | | | |
| SUNDAY | MONDAY | TUESDAY | | | | |
| 26 EXHIBITS OPEN 10:30 - 18:00 | 27 EXHIBITS OPEN 10:30 - 17:00 | 28 EXHIBITS OPEN 10:30 - 16:00 | | | | |

For Trade Show information, contact: Mario Stael mario@marevent.com

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.

FOR MORE INFORMATION:

AQUA 2018 Conference Manager
P.O. Box 2302 • Valley Center, CA 92082 USA
Tel: +1-760-751-5005 • Fax: +1-760-751-5003
Email: worldagua@was.org • www.was.org • www.aguaeas.eu

REGISTER EARLY AND \$AVE!

TENTATIVE SCHEDULE

| Thursday, August 2 | 23 | Tuesday, Augu | ust 28 |
|--|--|--|--|
| WAS Board Meeting | | Registration Open | |
| With Board Mooting | 0300 1700 | Sessions | |
| Friday, August 24 | • | Break | |
| | | Trade Show Open | |
| WAS Board Meeting EAS and WAS Board Dinner | | Sessions | 1110 - 1230 |
| LAS and WAS Board Diffice | | Lunch (at individual expense) | |
| | | Sessions | |
| Saturday, August 2 | 5 | Break | |
| Exhibit Set-up Open | | Sessions | |
| Registration Open | 1200 - 1700 | Exhibit Move-out President's Reception | |
| EAS Board Meeting | | rresident's Reception | 1900 - 2200 |
| WAS Business Meeting | | Wednesday, Au | guet 20 |
| Opening (5 speakers at 5 min each) Welcome Drink | | | |
| Welcome Drink | 1900 - 2100 | Registration Open | |
| Sunday August 26 | | Sessions | |
| Sunday, August 26 | | Break | |
| Registration Open | | Lunch (at individual expense) | |
| EAS & WAS Remarks (awards) | | Sessions | |
| Plenary Sessions | | Break | |
| Spotlight Awards Break | | Sessions | |
| Trade Show Open | | | |
| Sessions | | | |
| Lunch (at individual expense) | | | |
| Sessions | | | |
| Happy Hour & Posters | 1710 - 1800 | | |
| Student Reception | 1900 - 2100 | #We R Aquacı | ulture |
| Monday, August 2 | 7 | We are the producers, the | e investors, the |
| Registration Open | 0800 - 1700 | suppliers, the processors, | the vendors, the |
| Sessions | | scientists, the educators, t | the students and |
| Break | | the consumers of farmed a | |
| Trade Show Open | | | |
| Sessions | | | |
| Lunch (at individual expense) | | | |
| SessionsHappy Hour & Posters | 1710 1900 | | |
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