AQUA 2012 – EAS and WAS CRE-ATING A FANTASTIC MEETING TOGETHER

#We R Aquaculture

Montpellier France
August 25-29 2018

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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organized by

EAS

www.aquaeas.eu

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EAS Conference Sponsors

Montpellier Metropole
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.
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

**Aquaculture Economics**
- Development, welfare and poverty alleviation
- Economics and management
- Markets and marketing

**Aquaculture, Environment, Biodiversity and Climate Change**
- Environmental impact of climate change and ocean acidification
- Environmental impact of aquaculture: assessment and minimization
- Environmental and economic impacts of exotic and GMO species
- Genetic impact of aquaculture escapees

**Aquaculture standards certification, schemes, costs and benefits**
- Measuring sustainability in a changing world
- Food safety
- Social certifications and labor welfare
- Integrating finance into sustainability models
- Organic aquaculture

**Aquaculture and Human Health**
- Health attributes of seafood
- Bioactives and functional seafood
- Advances in seafood processing
- Drugs and therapeutants

**Production Systems**
- Hatchery technologies
- Cage-culture engineering
- Bio-floc systems
- Recirculation systems
- Raceway systems
- Emerging production systems for salmonid culture: landbased and semi-contained
- Pond culture
- Reservoir based aquaculture
- Offshore aquaculture
- Integrated multi-trophic aquaculture
- Capture-based aquaculture
- Aquaculture in desert conditions

**Feedstuffs, Feeds and Feed additives**
- Feedstuffs and feed additives
- Fish meal and oil extension (IFO)
- Alternative feedstuffs and aquafeeds
- Antimicrobials in aquafeeds, prebiotics and probiotics
- Life feed

**Genetics**
- Selective breeding
- Population genetics
- Hybridization
- Sex determinism and control
- Biotechnology

**Animal Science, Welfare, Health and Diseases**
- Morphology
- Histology
- Embryology
- Immunology and pathology
- Animal welfare

**General culture**
- Reproduction and broodstock management
- Larvae management
- Grow-out
- Nutrition and feeding strategies, carnivorous finfish feeds
- Morphology, physiology and behaviour
- Health, environmental and health management, sealice
- Restoration projects using aquaculture organisms

**Targeted species**
- Oyster, Mussels, Various bivalves
- Carp, Perch, Pangasius, Clarias, Catfish, Tilapia, Eels, Trout, Sturgeons, Barramundi, Grouper & snappers, Tuna, Cobia, Yellowtails, Flatfish, Rabbit fish - siganids
- Crayfish, Freshwater prawns, Marine shrimps
- Macroalgae, Microalgae (bioenergy and bioproducts)
- Ornamentals
- Amphibian and reptile
- Plankton
- Seacucumber, sea urchins, polychaetes

**Special Topics**
- Education, extension, and technology transfer
- Aquaculture policy and regulations
- Horizon 2020 - EU 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: worldaqua@was.org.
AQUA 2018
August 25-29, 2018
Register online: USA – www.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.

<table>
<thead>
<tr>
<th>PLEASE PRINT CLEARLY OR TYPE ALL REQUESTED INFORMATION</th>
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<tr>
<td>BADGE INFORMATION: (As you want your name badge to read – No titles, please)</td>
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<tr>
<td>First Name ____________________________ SURNAME (FAMILY NAME) ____________________________</td>
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<td>Company or Institution ____________________________ (Limited to 40 Letters &amp; Spaces)</td>
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<td>(please include email address)</td>
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<td>Postal Address ____________________________</td>
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<td>City ____________________________ State / Prov ____________________________ Postal Code ____________________________ Country ____________________________</td>
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<tr>
<td>Phone ____________________________ Fax ____________________________ Title: (circle one) Dr. Mr. Ms. Mrs.</td>
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<td>(Include country and city code)</td>
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<td>(Include country and city code)</td>
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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. |
| See brochure for what is included in registration fees. |

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<tr>
<th>Type of Registration</th>
<th>Register by June 30, 2018</th>
<th>Register by August 1, 2018</th>
<th>Register after August 1, 2018</th>
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<tbody>
<tr>
<td>Association Member Rate*</td>
<td>US$475/E 430</td>
<td>US$575/E 525</td>
<td>US$675/E 615</td>
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<tr>
<td>Student Member Rate* Include copy of Student I.D.</td>
<td>US$195/E 175</td>
<td>US$245/E 225</td>
<td>US$295/E 270</td>
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<tr>
<td>Non-Member Rate</td>
<td>US$570/E 520</td>
<td>US$670/E 610</td>
<td>US$770/E 700</td>
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<tr>
<td>Student Non-Member Rate Include copy of Student I.D. You can join WAS on the reverse side and use the Member Rate.</td>
<td>US$265/E 240</td>
<td>US$300/E 280</td>
<td>US$355/E 320</td>
</tr>
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<td>Spouse Rate Include copy of Student I.D.</td>
<td>US$325/E 295</td>
<td>US$425/E 390</td>
<td>US$525/E 480</td>
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| Trade Show Pass Good for 3 days admission to exhibits only – August 26, 27, 28 |
|---------------------------|---------------------------|-----------------------------|
| | US$ 30/E 25 | TOTAL TRADE SHOW PASS US$/€|

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<tr>
<th>Industry Tours – To be announced later.</th>
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<th>Membership Dues – Enter amount from Membership Application on other side if applicable.</th>
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<tr>
<td>TOTAL MEMBERSHIP DUES US$/€</td>
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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.

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<th>TOTAL AMOUNT US$/€</th>
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Registration Confirmation and Receipt will be emailed after processing.

CANCELLATION POLICY: Cancellation of registration must be received - in writing - no later than July 15, 2018. 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 July 15, 2018 or for “no shows”. After July 15, 2018, 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.

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<tr>
<th>Payment Method: All fees must be paid to the order of AQUA 2018.</th>
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<tr>
<td>For bank transfer details, contact us.</td>
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<tr>
<td>Check # ____________________________ Visa Mastercard American Express Discover Diners Club</td>
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<td>Card # ____________________________ Expiration Date ____________________________</td>
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<td>Name on Card ____________________________ Date ____________________________ Signature ____________________________</td>
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<td>Credit Card Billing Address ____________________________</td>
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For bank transfer details, contact us.
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 time before registering to qualify for the member rate.

- European Aquaculture Society
- World Aquaculture Society (WAS)
- African Chapter WAS
- Asian-Pacific Chapter WAS
- Latin American & Caribbean Chapter WAS
- US Chapter of WAS (USAS)
- International Assn of Aquaculture Economics and Mgmt
- Aquacultural Engineering Society

MEMBERSHIP APPLICATION

NEW APPLICATION  RENEWAL

Join the EUROPEAN AQUACULTURE SOCIETY (EAS)!

EAS MEMBERSHIP includes automatic receipt of the Aquaculture Europe Magazine and newsletter, online access to Aquaculture International, online networking, annual membership list, reductions on international aquaculture press and websites, as well as BIG REDUCTIONS ON REGISTRATION for EAS 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 material for the calendar year.

EAS Membership Categories

- EAS Individual Membership
- EAS Institutional Membership
- EAS Student Membership
- EAS Life Membership**

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<tr>
<th>Membership Category</th>
<th>Standard</th>
<th>Reduced Rate*</th>
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<tbody>
<tr>
<td>EAS Individual Membership</td>
<td>€97.50</td>
<td>€67.50</td>
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<tr>
<td>EAS Institutional Membership</td>
<td>€307.50</td>
<td>€207.50</td>
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<tr>
<td>EAS Student Membership</td>
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<td>€30.00</td>
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<tr>
<td>EAS Life Membership**</td>
<td>€727.50</td>
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Total Amount for EAS Membership: €__________

Please enter this amount under “Membership dues” in the table above.

*Reduced membership fees are available for:
Retired persons (certification of retired status required).
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, Bosnia and Herzegovina, 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.

Join online at: http://www.aquaeas.eu

WORLD AQUACULTURE SOCIETY (WAS) APPLICATION www.was.org

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 (Printed JWAS) (USD 110/yr) Applies to an individual only
- Student (Electronic JWAS) (USD 45/yr) (Copy of Student ID or Signature of Professor required)
- 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 from a company
- Sustaining (Printed JWAS) (USD 150/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
- Corporate (Printed JWAS) (USD 300/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

CHAPTER OPTIONS:
- One chapter incuded in membership. Mark the chapter you choose.
- Asian Pacific
- Korea
- Latin American/Carribean
- United States (USAS)
- None (deduct USD 5)

You can add extra Chapters for USD 5

Total Amount for WAS Membership USD__________

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

For membership in other associations, please contact them directly.

If you need a phone number, contact the Conference Manager (+1-760-751-5005).
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

<table>
<thead>
<tr>
<th>SUNDAY</th>
<th>MONDAY</th>
<th>TUESDAY</th>
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<td>26</td>
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<td>EXHIBITS OPEN</td>
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<td>10:30 - 18:00</td>
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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: worldaqua@was.org • www.was.org • www.aquaeas.eu

REGISTER EARLY AND $AVE!
TENTATIVE SCHEDULE

Thursday, August 23
WAS Board Meeting 0900 - 1700

Friday, August 24
WAS Board Meeting 0900 - 1700
EAS and WAS Board Dinner

Saturday, August 25
Registration Open & Exhibit Set-up 1000 - 1700
EAS Board Meeting 0900 - 1030
WAS Business Meeting 1600 - 1700
Opening (5 speakers at 5 min each) 1800 - 1900
Welcome Drink 1900 - 2100

Sunday, August 26
Registration Open 0730 - 1700
EAS & WAS Remarks (awards) 0900 - 0930
Plenary Sessions 0930 - 1030
Spotlight Awards 1030 - 1045
Break 1045 - 1120
Trade Show Open 1000 - 1800
Sessions 1120 - 1240
Lunch (at individual expense) 1240 - 1430
Sessions 1430 - 1710
Happy Hour & Posters 1710 - 1800
Student Reception 1900 - 2100

Monday, August 27
Registration Open 0800 - 1700
Sessions 0900 - 1040
Break 1040 - 1110
Trade Show Open 1030 - 1700
Sessions 1110 - 1250
Lunch (at individual expense) 1250 - 1430
Sessions 1430 - 1710
Happy Hour & Posters 1710 - 1800
EAS General Assembly 1710 - 1830

Tuesday, August 28
Registration Open 0800 - 1600
Sessions 0900 - 1040
Break 1040 - 1110
Trade Show Open 1030 - 1600
Sessions 1110 - 1230
Lunch (at individual expense) 1230 - 1400
Sessions 1400 - 1520
Break 1520 - 1540
Sessions 1540 - 1720
Exhibit Move-out 1540 - 1900
President’s Reception 1900 - 2200

Wednesday, August 29
Registration Open 0800 - 1500
Sessions 0900 - 1040
Break 1040 - 1110
Sessions 1110 - 1230
Lunch (at individual expense) 1230 - 1400
Sessions 1400 - 1540
Break 1540 - 1600
Sessions 1600 - 1720
Closing Happy Hour 1730 - 1830

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