



aquaculture
europe 20

The Blue and the Green



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Cork, Ireland, September 29 – October 2

#AE20CRK www.aquaeas.org



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The BLUE and the GREEN

Cork is a maritime city and port situated on Ireland's south coast. It is located where the wild Atlantic Ocean meets the wandering gulf stream giving rise to clean and productive growing conditions for shellfish, salmon and sea vegetables. Clearly, it is important to get an understanding of the relationships between offshore upwelling nutrients and land-based enrichment from a rich agricultural catchment. Here, **where a traditional green economy rubs shoulders with an ever expanding blue one**, we can begin to look into the synergies made possible by sharing a productive coastal catchment.

There is now a momentum in all aspects of food production towards a circular economy whereby we no longer regard waste as a problem to be disposed of, but instead look for ways to make it a resource which can be re-used - thereby closing the loop on aquaculture inputs and out-

puts and reducing environmental impact.

Aquaculture can take the lead in the Blue - Green Bio-Economy and is well placed to lead by example with new technologies such as land-based marine aquaponics, large-scale recirculating marine farms and innovative, integrated freshwater initiatives on brown field sites. When it comes to having a societal impact, recent research has shown that aquaculture products, from seaweed to salmon, should be included as part of a balanced diet from the first 1000 days right through to promoting healthy ageing.

This conference will bring together stakeholders from many diverse disciplines to discuss and debate cross cutting issues such as new circular economies, life-long health and environmentally sustainable production.

In addition to the thematic sessions, AE2020 also includes **parallel and poster sessions**. This is an initial list of sessions that will be open for online abstract submission. This list could be subject to change.

- Climate change
- Ecosystem management and services
- Environmental interactions including escapes and (micro)plastics
- Shellfish restoration and conservation
- Aquaponics
- Integrated Multitrophic Aquaculture (IMTA)
- Circular economy, resource reuse and environmental footprint
- Aquaculture in exposed locations (and multiuse of space)
- Recirculating Aquaculture Systems (RAS) and Closed Containment Systems (CSS)
- Nanoparticles and coating technologies
- Water quality, biofloc, "end of pipe treatment"
- Precision aquaculture (sensors, AI, internet of things, big data)
- Hatchery technologies and practices
- Nutrition: Physiology and requirements
- Nutrition: Additives and ingredients
- Reproduction and broodstock management
- Morphology, developmental biology and physiology
- Selective breeding
- Genomic research, tools and applications
- Epigenetics
- Fish welfare
- Pathogens, epidemiology and diseases
- Parasites
- Disease prevention and treatment
- Microbiome
- Mollusc
- Shrimp and other crustaceans
- Macroalgae
- Microalgae
- Laboratory models and ornamentals
- Emerging species
- Percid fish
- Food quality, certification and organics
- Processing, co-products and value addition
- Markets and consumers
- Governance, policy, regulations and strategic planning
- Education, knowledge management, transfer and extension networks

Please submit your abstract online: www.aquaeas.eu

There you will find guidelines for abstract preparation and a sample.

If you are unable to submit online, please contact the Aquaculture Europe conference manager at worlداqua@was.org or fax +1 760 751 5003.

More information, abstract submission and registration at: www.aquaeas.eu



**ABSTRACT SUBMISSION
DEADLINE May 1, 2020**

Location



AE2020 will take place in Cork, at the Clayton Hotel Silver Springs Congress Centre, from September 29 to October 2, 2020. The Silver Springs is 5km from Cork city centre and shuttle buses will be provided morning and evening to transport delegates.

Cork is an ideal hub for visits to famous local attractions such as The Blarney Stone (20 minutes), The Lakes of Killarney (90 minutes), the picturesque town of Kinsale (45 minutes), The Cobh Titanic Experience (30 minutes), and the Jameson Midleton Whiskey experience (40 minutes).

Cork International Airport has connections to all London airports, Amsterdam and Paris and can be easily accessed from Dublin (3 hours by coach or train) and Shannon (2 hours by coach) airports.



Engaging with industry

The Aquaculture Europe events are all about communication with the sector. AE2020 will feature a special international trade exhibition, where Irish and international companies will present their latest products and services. Standard and Corner booths are available and each booth is 6m² (2x3m) and features walls, carpet, two chairs and one table, spotlights, one power outlet, fascia identification sign and two free full delegate registrations for the conference. Additional staff can register through the booth contract at significantly reduced rates.

The AE events also feature an Industry Forum, where presentations and panel discussions focus on relevant and timely issues for the sector. Since 2019, AE also incorporates an Innovation Forum looking to help accelerate new companies. The EAS thematic groups also organise special sessions and/or workshops within AE2020. Other industry panels will take place around the trade exhibition, and technical tours will be organised.

The AE event is a focal point for meetings of European associations, satellite workshops of EU projects and other events. We can provide options for your meeting.

A special feature of AE2020 will be the organisation of a 1.5 day RAS workshop held just before the main event. More news on this will be posted on the EAS web site.

Networking for students

A special forum will be arranged for students attending AE2020 to enable networking and exchange of ideas. The forum will have a dedicated programme and include a special student reception. 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.



Aquaculture Europe 2020 will cover the full scope and diversity of European aquaculture. The thematic plenary and technical parallel sessions will comprise submitted oral and poster presentations. AE2020 will feature an international trade exhibition, industry forums, student sessions and activities, satellite workshops and updates on EU research.

Registration rates

Type of registration	Register by July 15, 2020	Register by Sept 15, 2020	After Sept 15, 2020
EAS Member Rate*	€ 395	€ 445	€ 495
Non-member Rate	€ 495	€ 545	€ 595
Student Rate (include copy of student ID)	€ 125	€ 170	€ 225
Spouse Rate	€ 225	€ 275	€ 325

Trade Show Pass only—Valid whole period: € 50
(Trade Show: free for registered delegates of the AE2020 conference)

*To qualify for Member Rate you must be an EAS or WAS member in good standing

Aquaculture in Ireland



Within a total seafood economy worth €1.15 billion in 2017, Irish aquaculture produced over 47,000 tonnes, worth roughly €200 million and from 284 production units. In Ireland salmon, mussels and oysters are the most common species farmed. Other smaller scale cultivation includes

trout, scallop, abalone, perch and seaweed. Aquaculture provides 2000 direct jobs in rural coastal areas.

Click on the image to access the 2018 BIM Aquaculture Survey.



AE2020 Steering Committee

Chair: Gavin Burnell, (EAS President and UCC, Ireland)
 Members: Hervé Migaud (Univ. of Stirling, UK), Michael New (UK), Alistair Lane (EAS, Belgium), John Cooksey (MFC, USA), Mario Stael (MarEvent, Belgium)

AE2020 Programme co-chairs

Gavin Burnell (UCC, Ireland), Nikos Papandroulakis (HCMR, Greece)

AE2020 Local Organising Committee

Chair: Sarah Culloty (UCC, Ireland)
 Members: Evelyn O'Sullivan (Cork Convention Bureau), Nial McDonagh (MI), Terence O'Carroll (BIM), Aoife Corcoran (UCC), Paul Bolger (UCC/ERI), Julie Maguire (BMRS)

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AE2020 Overview

Tuesday, 29th September

Registration open	noon-18.00
Exhibitor move in	noon-18.00
RAS Workshop	09.00-17.00
EAS board meeting	09.00-18.00
Opening ceremony & welcome drink	18.30-20.00

Wednesday, 30th September

Registration open	7.30-18.00
RAS Workshop (cont.)	9.00-13.00
Plenary session & Student spotlight	9.00-10.00
Coffee break	10.00-10.30
Trade show open	10.00-19.00
Sessions	10.30-12.50
Industry Forum	10:30-17:30
Lunches (on your own)	12.50-14.30
EAS General Assembly	13.00-14.15
Sessions	14.30-17.30
Poster Session/Happy hour	17.30-19.00
Student reception	19.00-21.00

Thursday, 1st October

Registration open	8.00-17.30
Plenary session	9.00-10.00
Coffee break	10.00-10.30
Trade show open	10.00-19.00
Sessions	10.30-12.50
Innovation Forum	10:30-17:30
Lunches (on your own)	12.50-14.30
Sessions	14.30-17.30
Poster session/Happy hour	17.30-19.00
Presidents reception	19.30-22.00

Friday, 2nd October

Registration open	8.00-15.30
Sessions	9.00-11.00
Coffee break	11.00-11.30
Plenary session + Poster awards	11.30-12.50
Trade show open	10.00-16.30
Lunches (on your own)	12.50-14.30
Sessions	14.30-17.30

AE2020 contacts

➤ **Conference:** ae2020@aquaeas.eu

➤ **Registration:** worldaqua@was.org

➤ **Booths/Sponsors:** mario@marevent.com