

FutureEU Aqua - Invitation Online Seminars

Online-Seminar

Multiple dates: 24.02 – 14.03.2023 | Times are CET (Berlin)

Please register [here](#)

Background

The FutureEU Aqua project has resulted in exciting innovations in the whole aquaculture value chain. The results of this project will be made available to interested stakeholders through online seminars. This series of online seminars aims to summarize the results and outcomes achieved during the project's four-year life; you will get the latest research results from the project presented by eminent project researchers.

Participation

We offer six separate seminars. [Details of each online seminar can be found on the next page.](#) Each online seminar consists of a 45-minute presentation, followed by 15 minutes question & answer session. To participate, please click on the [registration link](#). Each online seminar will be held on the same Zoom link. Once registered, you will then be provided by a Zoom link with password.

Seminar schedule

Seminar title	Organisation / Presenter	Seminar date	Time
Sustainable breeding	NOFIMA / Anne Kettunen	24.2.2023	14:00 – 15:00
Sustainable and resilient feed and feed strategy	UTH / Elena Mente	28.2.2023	14:00 – 15:00
Consumer perceptions of the sector	NOFIMA / Themis Altintzoglou	3.3.2023	12:00 – 13:00
Sustainable and resilient production systems	WUR / Wout Abbink	7.3.2023	14:00 – 15:00
Internet of Things for healthy fish and environment	COISPA / Sebastien Alfonso	10.3.2023	14:00 – 15:00
Quality and safety of aquaculture products	University of Bologna / Francesco Capozzi, Morten Sivertsvik, Pietro Rocculi	14.3.2023	14:00 – 15:00

The **FUTUREEU AQUA** project is funded by European's Horizon 2020 research and innovation (R&I) program (2018-2023) whose overall objective is to effectively promote the sustainable growth of climate-change resilient, environmentally-friendly organic and conventional aquaculture of major fish species and low trophic level organisms in Europe, to meet future challenges with respect to the growing consumer demand for high quality, nutritious and responsibly produced food.

Read more on our project website: www.futureEUaqua.eu

Online Seminar Content

1. Sustainable breeding (24.02.2023)

How well are the current breeding practices and methods equipped to respond to future challenges?

This topic will report how the current selective breeding programs for Atlantic salmon, European sea bass, gilthead sea bream, and rainbow trout can respond to future demands for novel feed compositions and climate resilience, and make further improvements in disease resistance.

2. Sustainable and resilient feed and feed strategy (28.02.2023)

How can we improve feed to ensure optimal fish nutrition, safety and performance?

This topic will evaluate finetuned, tailored made per fish species feed formulations on fish performance and product nutritional value for organic and conventional aquaculture. The plan will also assess low eco-footprint aquafeeds for smart optimized aquaculture.

3. Consumer perceptions of the sector (03.03.2023)

How can we improve consumer perceptions of the sector?

This topic will build on consumer perceptions of the sector and identify communication strategies to increase consumer awareness and the social acceptability of aquaculture. A clear plan for a communication campaign that aims to increase consumer awareness and improve consumer perception and acceptance of European aquaculture will be presented.

4. Sustainable and resilient production systems (07.03.2023)

Can innovations, developments and economic profitability analyses result in increased resilience in aquaculture production?

This topic will present 1) innovative methods for water quality descriptors, salinity effects on biofilter performance, and feed composition in relation to water quality in RAS. 2) Recent developments in IMTA, demonstrating the production and environmental feasibility of IMTA at the basin scale. 3) The economic profitability and environmental impact of project innovations, including the effects of the recent spike in energy prices.

5. Internet of Things for healthy fish and environment (10.03.2023)

Can we monitor fish patterns and traits to determine key performance indicators?

This topic will look at the impact of housing environments and innovative diets on fish health and welfare using a wireless communication system to integrate KPIs. This system will track the activity patterns and physiological status of the fish using sensory signals and remote monitoring.

6. Quality and safety of aquaculture products (14.03.2023)

Can we adopt post-harvest non-thermal processing methods and packaging to improve the quality and safety of fish products?

This topic will consider non-thermal processing of fish products to valorise aquaculture raw materials and will identify optimal packaging to preserve quality and safety.

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Funded by:



This project has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No 643202.