

Online Training Programme

Integrated Health & Welfare Management in Sea Bream and Sea Bass Aquaculture



As part of its capacity building activity, PerformFISH have designed a training programme on **Integrated Health and Welfare Management in Sea Bream and Sea Bass Aquaculture**. The first two modules of this training programme will be held on-line between March and April 2021.

The courses will be based on a multidisciplinary, integrated diagnostic approach and effective management of preventive, therapeutic and welfare measures focusing on the findings of the PerformFISH project.



Module 1: Specialised Case Study Discussions on How to Manage a Health Issue on a Sea Bass/Sea Bream Farm.

Three short sessions (90 minutes) have been designed for sea bass and sea bream health and welfare experts. In these sessions, the experts attending will be provided with a mock case designed by the organising team based on real situations in sea bream and sea bass health and disease management. The mock cases will be sent to the selected attendees two days in advance. Attendees will be requested to send in advance, and present in the session, their own proposed recommendations or proposed solutions for each case. During the 90 minutes sessions, all proposals will be shared and discussed.

Content:

Sea bass and sea bream integrated health management including disease diagnostic, treatment, management, prevention, epidemiology, risk assessment, welfare, legal issues & disease management policies

Moderators:

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- Carlos Zarza, PerformFISH partner. Fish Health Department, Skretting Aquaculture Research Centre. Carlos.zarza@skretting.com

Target Audience:

These sessions are designed for experts with an intermediate-high level of experience in health and welfare management of sea bream and sea bass in aquaculture settings, including veterinarians, on-farms health and welfare technicians and farm health managers.

Location:

On-line, an invitation to join the session will be sent to the selected candidates in advance.

Date and Time:

Three sessions have been scheduled to take place on the following dates:

- 25th March 2021 17:00-18:30 (CET)
- 15th April 2021 17:00-18:30 (CET)
- 29th April 2021 17:00-18:30 (CET)

The cases to be studied in each of the sessions will be sent to the selected candidates two days in advance.



Module 1: Specialised Case Study Discussions on How to Manage a Health Issue on a Sea Bass/Sea Bream Farm.

Registration:

To register, please complete the registration form no later than 15th March 2021:

You can register for one, two or the three sessions. The places are limited so the registered candidates will be selected according to the selection process detailed below.

Selection Process:

Applications will be reviewed by the organisers and selection and acceptance of participants will be done according to the requirements previously described in target audience and availability of places in the different sessions. Additional criteria will be based on equal gender balance and geographical location.

Accepted applicants will be informed on the 16th of March 2021.

Maximum Participants 10 participants per session

Fees:

Attendance is free of charge as these sessions are organised by PerformFISH (EC-funded project)

Language:

English

For more information, please visit performfish.eu/training/



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Module 2: Practical Short Training Courses on Diagnostics of Sea Bass and Sea Bream Diseases

This module is divided into three short training courses that will be held online. The courses will focus on different aspects of diagnostics in sea bass and sea bream diseases and health management such as basic diagnostic methodologies and protocols, specific parasitological diagnostic and specific diagnostic methodologies, and protocols in microbiology. Advances, methods, and standards derived from the different PerformFISH activities will also be presented in these sessions.

Training Course 1: Diagnostic approach to the main infectious and parasitic diseases of seabass and seabream in the Mediterranean area (7th April 2021).

This course will focus on anamnesis and data recording; sample selection and collection for diagnostic purposes; sample preservation and delivery; necropsy and integrated approach for a correct (differential) diagnosis; basic diagnostics for parasitology, bacteriology and virology.

Training Course 2: Diagnostic approach to parasitic diseases of seabass and seabream (20th April 2021).

This course will include post-mortem techniques for parasites detection and proper preservation procedures for different diagnostic purposes. Morphological identification of main ectoparasites and endoparasites of seabass and seabream. Molecular techniques for detection and identification of specific parasites of seabass and seabream.

Training Course 3: Diagnostic approach to viral and bacterial diseases of seabass and seabream (28th April 2021).

This course will include viral isolation in cell cultures, molecular detection and identification of nervous necrosis virus, Betanodavirus (RT-PCR, Multiplex RT-PCR, real time RT-PCR) and lymphocystis diseases virus 3, Lymphocystivirus (PCR, nested PCR, real time PCR). Isolation and identification of *Vibrio anguillarum*, *V. harveyi*, *Photobacterium damsela* subsp. *piscicida*, *Tenacibaculum maritimum* and mycobacteria. Antibiotic sensitivity testing

Tutors

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Target Audience

These sessions are designed for participants with a basic-intermediate level of expertise in fish diseases and a strong interest in diagnostics, including farm technicians, veterinarians, research fellows and PhD students.

Location

On-line, an invitation to join the session will be sent to the selected candidates in advance.

Module 2: Practical Short Training Courses on Diagnostics of Sea Bass and Sea Bream Diseases

Date and Time:

- 7th April 2021, 15:30-18:00 (CET) - Training Course 1: Diagnostic approach to the main infectious and parasitic diseases of seabass and seabream in the Mediterranean area
- 20th April 2021, 15:30-18:00 (CET) - Training Course 2: Diagnostic approach to parasitic diseases of seabass and seabream.
- 28th April 2021, 15:30-18:00 (CET) - Training Course 3: Diagnostic approach to viral and bacterial diseases of seabass and seabream.

Registration:

To register [please complete the registration form](#) no later than 26th March 2021:

We strongly recommend that you register for all training courses, but you can also apply to attend the course(s) that better fits your interests. The places are limited so the registered candidates will be selected according to the selection process detailed below.

Selection Process:

Applications will be reviewed by the organisers and selection and acceptance of participants will be done according to the requirements previously described in target audience and availability of places in the different training courses. Additional criteria will be based on equal gender balance and geographical location.

Accepted applicants will be informed on the 31st of March 2021.

Maximum Participants:

40 participants per training

Fees:

Attendance is free of charge as these sessions are organised by PerformFISH (EC-funded project).

Language:

English

For more information, please visit performfish.eu/training/

Contact Us

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