

Application of Sensors in Precision Aquaculture

Free webinar 25 May 2021 from 10:00 to 12:20

10:00 Welcome

Hugh O'Sullivan, Waterford Institute of Technology
Dr Sara Barrento, Centre for Sustainable Aquatic Research (CSAR), Swansea University

10:05 Setting the stage: what is precision aquaculture?

Dr Sara Barrento, Centre for Sustainable Aquatic Research (CSAR), Swansea University

Access2Sea: New Opportunities for More Competitive and Sustainable Blue Growth in the Atlantic Zone

10:10

Dr Sara Barrento, Centre for Sustainable Aquatic Research (CSAR), Swansea University

STREAM: Sensor Technologies for Remote Environmental Aquatic Monitoring

10:15

Prof. Carlos Garcia de Leaniz, Centre for Sustainable Aquatic Research (CSAR), Swansea University

Application of sensors for fish health and welfare in aquaculture

10:20

Dr Sofia Teixeira, Tyndall National Institute, Ireland

10:35 Overview of Printable Sensors

Prof. David Gethin, The Welsh Centre for Printing and Coating (WCPC), Swansea University

Shellfish Aquaculture and Sensor Deployment in the Southeast of Ireland.

10:50

Brian O'Loan, Bord Iascaigh Mhara

11:05 – 11:20 BREAK

11:20 Coastal Monitoring Radar

Paul Shanahan, National Maritime College of Ireland

Aquaculture at the Centre for Sustainable Aquatic Research using sensors

11:35

Paul Howes, Dr Pete Jones and Dr Josh Jones, Centre for Sustainable Aquatic Research, Swansea University

Reverse engineering a machine vision solution for aquaculture

11:50

Dan Rusu, Gyopár Elekes, faptic.xyz

SeaLens technology to monitor 3D aquaculture in Wales

12:05

Christian Berger, PEBL- Plant Ecology Beyond Land

12:20 Closing Remarks