

DEVELOPING TECHNOLOGY AND METHODS FOR THE PRECISE INVESTIGATION OF MARINE ANIMAL FOREST 3D-STRUCTURAL COMPLEXITY (3DSEAFor)

MAY 21, 2020 – VIDEOCONFERENCE

Agenda:

9.30 - 12.30

Welcome to participants

Short presentations – *focus on setting the knowledge of the status and challenges in the precise investigation of marine animal forests. Each participant will provide a brief presentation describing the main methodological and technological solutions as developed and tested.*

14.00 – 17.00

Plenary discussion to highlight the key points emerged from presentations.

Discussion on the publication of an opinion paper.

Discussion about funding options for research activities related to the topic.

Milestones:

Review the state of the art of the research in marine animal forests by highlighting the main requirements for the future ecological-biological investigations with the overall goal of identifying and discussing the potential of innovative approaches, methods and technologies coming from a broad range of technical-scientific fields.

Build up a multidisciplinary team covering a comprehensive expertise in developing, testing and analyzing innovative measuring systems which permit to precisely reconstruct the 3D structural complexity of marine animal forests at different spatial scales (from mm to dozens of meters) and to investigate their variation through time.

Organised by Department of Engineering “Enzo Ferrari” (DIEF), University of Modena and Reggio Emilia and by CONISMA

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