

Hellenic Centre for Marine Research (HCMR)

www.hrmr.gr



WHO WE ARE

The Hellenic Centre for Marine Research (HCMR) is supervised by the Greek General Secretariat of Research and Technology. The Institute of Marine Biology, Biotechnology and Aquaculture (IMBBC) is one of the three institutes of HCMR and conducts research in the fields of biodiversity, structure and dynamics of the ecosystem, ecosystem management and genetics of marine organisms.

WHAT OUR EXPERIENCE IS

The scientific object of the Institute of IMBBC is to conduct research, technological development and to search for, authenticate and identify the origin of new and/or improved products and organisms, mainly in the fields of biodiversity, structure and dynamics of the ecosystem, ecosystem management and genetics of marine organisms. The IMBBC includes a biodiversity and ecosystem management department, a Skyscan 1172 micro-computer tomograph lab, a bioinformatics unit and the genetics and molecular biotechnology department equipped with a next generation genome sequencer FLX.

WHAT WE DO IN EU BON

- » Assess biodiversity data sources, harmonize the European taxonomic backbone and explore citizen science
- » Analyze distribution data, trends in populations and scenarios of biodiversity change
- » Optimize monitoring designs and quantify uncertainty
- » Test information services, analytical tools and stakeholder services (case study area Amvrakikos wetlands)
- » Promote the EUBON dissemination and outreach plan

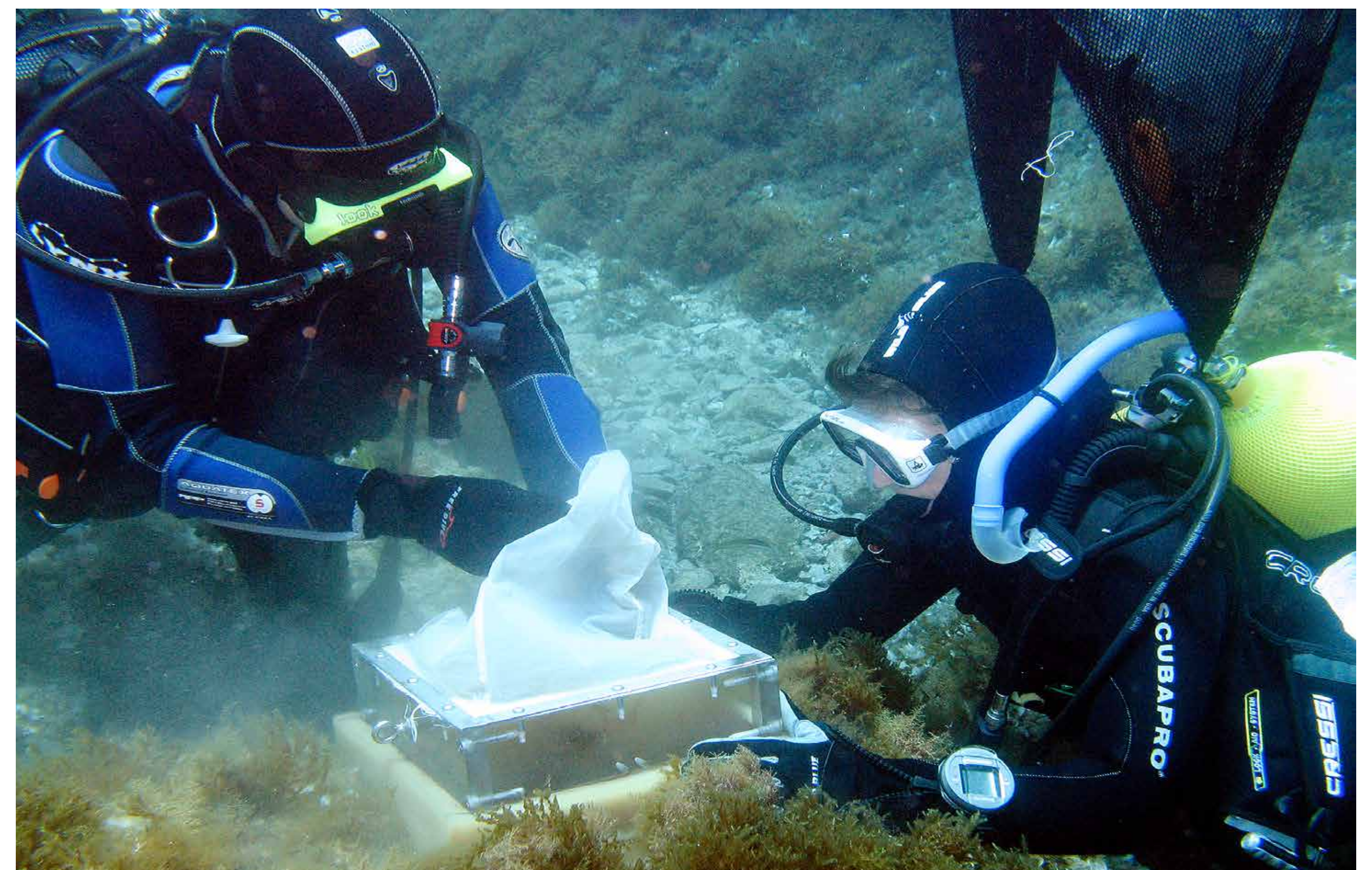


Photo: W. Plaiti

IN EU BON WE MAINLY CONTRIBUTE TO

- WP 1** Data sources: requirements, gap analysis and data mobilization
- WP 4** Link environment to biodiversity: analyses of patterns, processes and trends
- WP 5** EU BON testing and validation of concepts, tools, and services

WE ARE ALSO INVOLVED IN

- » ViBRANT
- » VECTORS
- » MAPMED
- » LIFEWATCH
- » EVAMAP
- » CIGESMED

Dr. Christos Arvanitidis



- » Scientific responsible for HCMR
- » Senior researcher and head of the HCMR marine biodiversity section
- » Research interests: Marine Biodiversity, Functional Diversity, Biodiversity Informatics, Transitional Ecosystems

Dr. Eva Chatzinikolaou



- » Research Fellow in HCMR, Project manager
- » Marine biologist and ecologist
- » Research interests: Intertidal and lagoon ecology, Marine biodiversity, Population dynamics

Dr. Evangelos Pafilis



- » Research fellow in HCMR
- » Biodiversity informatics
- » Research interests: Web based data integration, Literature mining

Sarah Faulwetter



- » PhD student and Head of the Biodiversity Informatics Group
- » Research interests: Biodiversity informatics and Cybertaxonomy, Taxonomy and ecology of polychaetes

Chatzigeorgiou Georgios



- » PhD student and Head of the diving team
- » Research interests: Rocky ecology, Polychaetes ecology, Taxonomy, Population genetics

Panagiotis Vavilis



- » System administrator in the HCMR computer centre
- » Experienced in project management of several biodiversity projects
- » Research interests: UNIX systems