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EEA GRANT - BLUE GROWTH
EEA.BG.SGS3.036.2019 - KIDS DIVE PORTUGAL - NORUEGA



KIDS DIVE:

EXPLORE AND PROTECT THE OCEAN

13 OCTOBER 2021 | ZOOM SESSION

BLUE SCHOOLS: PROF. AGOSTINHO DA SILVA SCHOOL (PORTUGAL) AND JESSHEIM SCHOOL (NORWAY)

LIVE SESSION IN ENGLISH AT [YOUTUBE.COM/ISPAMEDIA](https://www.youtube.com/ispamedia)

PROGRAM

- 09h30 - **Opening remarks**
MANUEL E. DOS SANTOS (*Head of the School of Biosciences at Ispa*)
- 09h35 - **Kids Dive project: research and ocean literacy, together for ocean protection**
FREDERICO ALMADA (*MARE-Isipa*)
- 09h50 - **Protecting, promoting and valuing the ocean - an existential emergency**
EMANUEL GONÇALVES (*MARE-ISPA and Oceano Azul Foundation*)
- 10h15 - **1st Virtual VR360° scuba dive: Portugal (Sesimbra)**
Credits to: Miguel Pais (*MARE-FCUL/Project FindRayShark*)
- 10h20 - Break
- 10h30 - **FishNet - Network-building for global change research on fish**
ANA FARIA (*MARE-Isipa*)
- 10h55 - **2nd Virtual VR360° scuba dive: dive with dolphins or sharks**
- 11h00 - **Round table with all participants and wrap-up**
TOVE BRUVIK WESTBERG (*Ambassador of Norway*)
JOSÉ ANTÓNIO QUINTEIRO (*Ambassador of Portugal*)
(*Sintra Municipality representative*)
PATRÍCIA CONCEIÇÃO (*General Direction of Maritime Policy/Escola Azul*)
MAFALDA MATOS (*Coordination of Blue Growth Program/EEA GRANTS*)
CLÁUDIA SAMPAIO (*Teacher at Agostinho da Silva School - Sintra/Portugal*)
HANS TOFT (*Teacher at Jessheim School - Norway*)
- 11h30 - **End of session**

#savetheocean

www.kidsdive.pt  [kidsdive](https://www.facebook.com/kidsdive)  [kids.dive](https://www.instagram.com/kids.dive)  geral@kidsdive.pt



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PRESENTATIONS



FREDERICO ALMADA, TASSIANA MALZONE, FRANCISCA RODRIGUES (MARE-Ispa)

Title: Kids Dive project: research and ocean literacy, together for ocean protection

Summary: KIDS DIVE is an educational project developed by marine biologists aiming to bring ocean literacy to young students between the ages of 8 and 17. Our goal is to restore the natural bond and curiosity towards the ocean and our approach is 100% practical, including a special first diving experience, workshops and a field trip. Due to the present pandemic outbreak we had to reinvent KIDS DIVE using innovative virtual tools to be more inclusive and to reach a wider audience. During this session we will have the opportunity to learn more about KIDS DIVE and we will unravel marine landscapes with a breath-taking scuba dive using cardboard VR360° goggles. We are now in the process of creating alternative workshops and include live INSTAGRAM sessions showing the overwhelming biodiversity we can find in rocky shores. Our research has long been focused on coastal species and we need no script to start an improvised storytelling on their ecology, behaviour or evolutionary relationships. But, as scientists, we are trained to question ourselves. The main question while implementing educational projects such as KIDS DIVE is: are we being effective engaging young students in marine conservation? To answer this question, we started measuring our own impact among students. Early results from our inquiries are promising, showing that, even during a pandemic, educational programs can thrive highlighting the wonders of marine ecosystems. We can empower participants to adopt sustainable lifestyles aspiring to achieve more than we had before the pandemic.



EMANUEL GONÇALVES (MARE-Ispa and Oceano Azul Foundation)

Title: Protecting, promoting and valuing the ocean - an existential emergency

Summary: We now know that there are numerous threats to the ocean, the main ones being overfishing and climate change. We also know that there are solutions to these problems, with marine protected areas being one of the main mechanisms to ensure the sustainability of activities in the ocean and the maintenance and recovery of blue natural capital. In particular, fully and highly protected areas, if implemented correctly, produce more fish, larger fish and contain a greater diversity of species. With more nature, we also have more economy: more tourism, more fishing in the surrounding areas, and more qualified territories, activities and seafood. For its acceptance, It is important to involve local communities and economic agents in the management of these areas to guarantee an effective implementation. Education and blue literacy are also key to promote knowledge about the ocean



ANA FARIA (MARE-Ispa and Oceano Azul Foundation)

Title: FishNet - Network-building for global change research on fish

Summary: FishNet is a bilateral initiative funded by the Fund for Bilateral Relations of the EEA grants. It aims at establishing a solid network in the research field of global change impacts on fish, through the promotion of the discussion and the exchange of expertise on anthropogenic related stressors, focusing on noise and temperature increase and how they affect fish. Here I will present the results of the workshop held under this initiative, entitled Human Impacts on Fish Biology and Marine Ecosystems, where we heard about the impacts of several anthropogenic related stressors, such as temperature, acidification, noise, overexploitation, on fish biology, behaviour and ecology.