



International Workshop

2019

BluePorts

From Ports to BluePorts.
Is it possible?

GIJÓN
5th December 2019



Universidad de Oviedo
Universidá d'Uviéu
University of Oviedo

PROGRAM • December 5th, 2019

08:45 h: Bus Travel from Faculty of Biology (University of Oviedo) to Downtown of the City of Gijón/Xixon (Gota de Leche).

09:15 h: Bus Stop at Downtown of the City of Gijón/Xixon and travel to the Port of Gijón.

9:30 · 9:45 h: Presentation of Blueports 2019 by Authorities (Port of Gijón).

9:45 · 10:30: Plenary speaker. Bella Galil: The Suez Canal and the devastation of the Mediterranean Sea biota.

COMMUNICATIONS

10:30 · 12:00 h: **Case studies of biosecurity problems associated with ports (Port of Gijón)** (12 minutes each talk).

1. Large-scale assessment of non-indigenous fouling species in Mediterranean ports and recreational boat hulls. *A. Marchini et al.*
2. DNA mtCOI barcodes for biosecurity analysis. A proof of concept in French Polynesia ports. *A. Ardura et al.*
3. Environmental assessments including species invasiveness in industrial ports using metabarcoding: The Port of Gijón, Bay of Biscay, as a case study. *A. Ibabe et al.*
4. Monitoring Marine Exotic Species in the Ria de Vigo. *E. Cacabelos et al.*
5. Nuisance species in Lake Constance Ports revealed through eDNA. *G. Machado & Clusa L.*

6. Risk analysis for biological contamination by ballast water and biofouling in the Port of El Musel (Gijón/Xixon). *M. Bartolomé et al.*

12:00 · 12:20 h: The coffee break. (Port of Gijón).

12:20 · 14:30 h: **Scientific and Educational Approaches to face environmental problems in port areas (Port of Gijón)** (12 minutes each talk).

1. Plastic and textile marine litter as reservoirs for secondary species dispersal from ports. *A. Ibabe et al.*
2. Establishing informative monitoring baselines in Ports to deal with the problem of biological invasions. *L. Miralles, Borrell YJ, et al.*
3. The need for a tool to analyse the data and determine the risk of invasive species. *V. Soto-López et al.*
4. Tool to determine the biological contamination by ballast water and fouling in the Port of Gijón. *D. Menéndez-Teleña, Montes H, et al.*
5. A fuzzy model to assess marinas at high-risk of bioinvasion in the Mediterranean Sea. *J. Ferrario et al.*
6. Social perception and public understanding of science in adults enrolled in Blueports project scientific outreach. *E. Arboleya & Dopico E.*
7. Development and validation of eDNA markers for the detection of *Crepidula fornicata* in environmental samples. *L. Miralles, Parrondo M, et al.*

8. Maritime ports as sources of macro and microplastic pollution in sandy beaches. A case study in central Bay of Biscay. *P. Masia et al.*

14:30 h: Bus travel from Port of Gijón to Downtown of the City of Gijón/Xixon (Carmen Square stop).

15:00 · 16:30 h: The lunch (Gloria Restaurant - Downtown of the City of Gijón/Xixon).

POSTERS

17:00 · 19:00 h: **Open Posters Session (Culture Center Old Institute Jovellanos, Downtown of City of Gijón/Xixon).**

Open to general public with Children's games and activities about invasive species and biological topics.

1. Implication of ports and marine traffic in the concentration of microplastics in ocean waters. *S. Acle et al.*
2. Introductions of non-indigenous mollusc species associated to ports. Insights from the archaeological remains of Castillo de Gauzón (North Iberia). *P. Turrero et al.*
3. Risk algae in ballast water facing international conventions. Longitudinal and transversal analysis in European ships employing DNA Metabarcoding. *A. Ardura et al.*
4. Connectivity of the big blue octopus (*Octopus cyanea*, Gray 1849) between the eastern and western coast of Madagascar. *N. van Caster et al.*

5. Risk of introduction of invasive species in Balears' port. *M.I. Gómez et al.*

6. Monitoring non-indigenous species in port habitats: application of a protocol of the Smithsonian Environmental Research Center in the Gulf of La Spezia (Italy). *M. Tamburini et al.*

7. Fish in ports: Mislabelling at landings. *M.C. Blanco & Machado G.*

8. Biology and teacher students' perceptions on alien species and seaport role in their introduction. *A. Torralba-Burrial et al.*

9. Analysis of maritime transport influence on alien species introduction in the Gulf of Gdansk, Baltic Sea, Poland. *I. Budzynska*

10. Blueports: Scientific and educational strategies for a sustainable port activity facing biological invasions (MINECO CGL2016-79209-R). *E. Dopico.*

20:30 h: Classic Asturias Gala Dinner (Taberna del Piano - City of Gijón/Xixon).

22:30 h: Bus Return (Carmen Square stop) to Oviedo/Uvieu

