

ALIENA SUMMER SCHOOL

on NIS Monitoring and Forecasting

4-Day Programme

📍 Rovinj, Croatia

📅 13-16 April 2026

🕒 30 hours

💬 Language: English

👤 ~PhD & MA students, researchers, agency technicians

📖 Tuition, room & board fully covered

🏫 Host: Ruđer Bošković Institute - Center for Marine Research

📧 Info: Dr.sc. Daniela Marić Pfannkuchen (IRB) - dmaric@irb.hr

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 ALIENA

Day 1 – Monday, 13 April 2026

Theme: Frameworks and Field Foundations

Venue: IRB–CIM, Conference Room & Rovinj Bay

<i>Time</i>	<i>Session</i>	<i>Speaker / Institution</i>
11:30 – 12:00	Registration	
12:00 – 13:30	Welcome of the participants - Ice breaker session with light lunch	
13:30–14:00	Opening Remarks -ALIENA project presentation	IRB & Regione Puglia
14:00-17:00	NIS species in the Adriatic Sea	Nicola Bettosio - ARPA FVG
	Invasive Macrofauna Species in the Adriatic: Threats and Opportunities	Neven Iveša
	Monitoring of NIS Species in Adriatic Sea	ARPA Puglia & ARPA FVG
	Impacts of NIS on the ecosystem and economic sectors	Giuseppe Saladini - Bluefarm
17:00 – 19:00	Molecular Life Strategies of Phytoplankton in the Adriatic – ADRI LIFE	Daniela Maric Pfannkuchen – IRB
	Presentation of the project results	Ana Baričević- IRB
	Networking / Poster Session	Mia Knjaz-IRB



Day 2 – Tuesday, 14 April 2026

Theme: Field Exercise & Modelling Integration

Venue: IRB-CIM, Laboratory and Seminar Room

Time	Session	Speaker / Institution
09:00–12:30	Field Exercise: Sampling of Plankton, Macroalgae, Jellyfish	IRB + ARPA Puglia
12:30–13:30	Lunch Break	
13:30–14:30	Modelling NIS Dispersal: Concepts and Tools	Salvatore Causio - CMCC Roberto Pastres - Bluefarm Giuseppe Saladini - Bluefarm
14:45–18:00	Forecasting Scenarios with Copernicus Data and application of agent-based models	Salvatore Causio - CMCC Luca Bacco -Bluefarm

Day 3 – Wednesday, 15 April 2026

Theme: Citizen Science, Communication & Synthesis

Venue: IRB-CIM, Conference Room / Natura Histrica

Time	Session	Speaker / Institution
09:00–12:30	Laboratory Introduction: Microscopy and Identification	IRB
	Microscopy & Taxonomic Identification	IRB+IOF
	DNA Extraction and PCR Demonstration	IRB + ARPA FVG (Ana, Valentina)
12:30–15:00	Lunch Break	
15:00–18:30	Field Visit to protected area	IRB + Natura Histrica

Day 4 – Thursday, 16 April 2026



Theme: Citizen Science, Communication & Synthesis

Venue: IRB-CIM, Conference Room / Natura Histrica

Time	Session	Speaker / Institution
09:00-11:00	<i>Toxic Phytoplankton Species Along the Eastern Adriatic Coast</i>	<i>Sanda Skejić - IOF</i>
	<i>Zooplankton in the Adriatic Sea: from biodiversity to ecological challenges</i>	<i>Natalia Bojanić - IOF</i>
	<i>Implementation of EU Water Directives (WFD, MSFD) and the Regional Seas Convention (BC) in Croatia</i>	<i>Slavica Matijević -IOF</i>
11:00-12:00	<i>Communication in Science</i>	<i>Alice Madonia - CMCC</i>
	<i>Citizens Science – App Crafting the Sea</i>	<i>Tjasa Kogovsek- IRB</i>
12:00-12:30	<i>Recap and Feedback from Participants</i>	<i>Regione Puglia, IRB</i>
12:30-13:00	<i>Closing Ceremony and Certificate Award</i>	<i>IRB</i>



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Organizational Contacts

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Partner Contributors: CMCC, ARPA FVG, ARPA Puglia, IOR, Regione Puglia, Bluefarm

