

4<sup>th</sup> FORTALEZA'S AUSTRAL SPRING SCHOOL  
2<sup>nd</sup> FLORIPA SPRING ECO-SCHOOL IN SUSTAINABILITY

# MARINE FORESTS : SUSTAINABILITY DRIVERS AND THREATS

September – 13-15th

Federal University of Ceará  
Federal University of Santa Catarina  
University of Salento  
with University of Algarve

Registration: <https://www.even3.com.br/springschool2021/>

The Federal Universities of Santa Catarina and Ceará (Brazil), with University of Salento (Italy), and in cooperation with the University of Algarve (Portugal) (partners of Capes PrInt), invites everyone to the “4<sup>th</sup> Fortaleza’s Austral Spring School” and “2<sup>nd</sup> Floripa Spring Eco-School in Sustainability” occurring together this year. The theme will cover Marine Forests Ecosystems, considered the broadest on the planet. There will be discussions about biodiversity patterns, eco-evolutionary drivers, and future trends, providing subsidies for the application of the SDG14 and the sustainable management of the different goods and services provided by these ecosystems. After each talk, a panel discussion will allow an active exchange of ideas, opinions, and perspectives, bringing students and researchers to the centre of the discussion and development of potential solutions for all main problems considered during the presentations.

**It's time to act, It's time for true sustainability!**

**13 September**

## OPENING SESSION

Brazil - 9h | Italy - 14h | Portugal - 13h

**BR 09:00 - 10:00**

**Opening**

IT 14:00 - 15:00

Representatives from all countries and institutions

PT 13:00 - 14:00

**BR 10:00 - 11:00**

**Open lecture:**

IT 15:00 - 16:00

**Sergio Rossi** (UniSalento, Italy/UFC, Brazil)

PT 14:00 - 15:00

*Marine Forest in a post-pandemic world (Challenges to conservation and restoration)*

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CPAC

eco

UNIVERSIDADE FEDERAL DO RIO DE JANEIRO

ecologia

UNIVERSITÀ DEL SALENTO

UFSC

UFC

PPGCMT

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AIR CENTERS

REDCOAST

ecologia

DiSteBA - Unisalento

UAlg  
UNIVERSIDADE DO ALGARVE

UFC

Labomar

## SESSION #1

Brazil - 13h | Italy - 18h | Portugal - 17h

**BR 13:00 - 15:00** Ester Serrão (UAlg, Portugal)

IT 18:00 - 20:00

PT 17:00 - 19:00

*Introduction to the Marine Algal Forests of the world*

**Rui Santos** (UAlg, Portugal)

*Introduction to the Seagrass Forests of the world*

**Paulo Horta** (UFSC, Brazil)

*Introduction to the Rhodolith Beds of the world*

**Sergio Rossi** (UniSalento, Italy/UFC, Brazil)

*Introduction to the Marine Animal Forests (MAF) of the world*

--- 5 min to take care of your fluid balance ---

**BR 15:05 - 15:45** DISCUSSION

IT 20:05 - 20:45

PT 19:05 - 19:45

## 14 September

## SESSION #2

Brazil - 9h | Italy - 14h | Portugal - 13h

**BR 09:00 - 11:00** Marcelo Soares (UFC, Brazil)

IT 14:00 - 16:00

PT 13:00 - 15:00

*Marginal reefs*

**Martina Coppari** (UNIVPM, Italy)

*Blue Carbon and the Marine Animal Forests*

**Giorgio Mancinelli** (UniSalento, Italy)

*Trophic complexity of Marine Animal Forests: an overlooked issue?*

**Luiz Cotovicz** (UFC, Brazil)

*Coral reefs, CO2 sources or sinks?*

--- 5 min to refill your coffee ---

**BR 11:05 - 11:45** DISCUSSION

IT 16:05 - 16:45

PT 15:05 - 15:45

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## SESSION #3

Brazil - 13h | Italy - 18h | Portugal - 17h

**BR 13:00 - 15:00**

IT 18:00 - 20:00

PT 17:00 - 19:00

**Sergio Floeter** (UFSC, Brazil)

*Fish assemblages and Marine Forests*

**Paolo Vassallo** (UniGe, Italy)

*Ecosystem services of the Marine Animal Forests*

**Adriana Giangrande** (UniSalento, Italy)

*Integrated Multitrophic Aquaculture and Marine Animal Forests restoration*

**Lorenzo Alvarez-Filip** (UNAM, Mexico)

*Changing geo-ecological functions of coral reefs in the Anthropocene*

--- 5 min to keep your blood flowing ---

**BR 15:05 - 15:45**

IT 20:05 - 20:45

PT 19:05 - 19:45

**DISCUSSION**

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**15 September**

## SESSION #4

Brazil - 9h | Italy - 14h | Portugal - 13h

**BR 09:00 - 11:00**

IT 14:00 - 16:00

PT 13:00 - 15:00

**Marina Sissini** (UFF, Brazil)

*Biogeography and macroecology of Algal Forests*

**Cesar Cordeiro** (UFRJ, Brazil)

*Diversity patterns of Echinoidea in Marine Forests*

**Hudson Pinheiro** (CEBIMar, Brazil/ California Academy of Sciences, USA)

*Biogeography and macroecology of fishes in the Southwestern Atlantic*

**Mariana Bender** (UFSM, Brazil)

*Functional diversity in Marine Forests of Southwestern Atlantic*

--- 5 min to take it all in ---

**BR 11:05 - 11:45**

IT 16:05 - 16:45

PT 15:05 - 15:45

**DISCUSSION**

\* end of synchronous activities \*

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