



The SIBS Section of Trapani presents  
**2ND SYMPOSIUM OF EXPERIMENTAL BIOLOGY  
APPLIED TO THE SEA AND THE ENVIRONMENT**

In Collaboration with APRE Agency for the Promotion of European  
Research and BIOVOICES Project



Virtual Meeting 12<sup>th</sup> of June 2020 – 11.00 – 13.00

**“MARINE BIOBASED PRODUCTS: CHALLENGE FOR A  
SUSTAINABLE INNOVATION BASED ON THE THREE P’s  
(PLANET, PEOPLE, PROFIT)**

Tools: WebEx – Mentimeter – Smartphone - Official languages: English - Italian

Participation in the symposium is free, after registration at the link

<https://www.biovoices-platform.eu/registeredarea/mmls/viewMml/7031>.

<b>Context</b>	<p>BIOVOICES project is organizing a virtual workshop to ease the dialogue among actors along the value chain (industry, policy makers, consumers, researchers, investors, feedstock providers, etc.) and to highlight challenges and opportunities for the valorisation of local resources in the bioeconomy framework in the light also of the current COVID-19 emergency.</p> <p>Starting from the analysis of local feedstocks, speakers of the round table will present technologies solutions, innovative ideas, opportunities and challenges within the context of Marine bioeconomy. Thanks to interactive tools, the audience will be actively engaged in the co-creation of new solutions, business opportunities and concrete actions to boost local development through the potentialities offered by bioeconomy.</p> <p>Research, authorities and enterprises will meet to discuss on opportunity to exploit, in sustainable way, fishery and aquaculture by-products and mediterranean marine resources to realize marine biobased products MBP and promote the circular economy. Speakers will focus on ethical, productive and sustainable aspects, related to the production of BBP. Representative of the fisheries, aquaculture and processing sectors, will refer about the side effects that the COVID-19 pandemic is causing on the supplies and value-chains, giving suggestions, useful to promote new research strategies aimed to support them</p>
<b>Organisation</b>	<ul style="list-style-type: none"> <li>- Società italiana di Biologia Sperimentale SIBS, Sezione di Trapani, gruppo Biologia sperimentale applicata al mare e all'ambiente</li> <li>- BIOVOICES project -APRE – Agenzia per la Promozione della Ricerca Europea</li> </ul>
<b>Main challenges</b>	<ul style="list-style-type: none"> <li>• Boost local deployment</li> <li>• Enhance local action plans</li> <li>• Strengthen action plans for local bioeconomy</li> </ul>
<b>Collaboration</b>	European Society for Marine Biotechnology ESMB – CISAS Project, BIOBRIDGES Project.
<b>Expected outcomes</b>	<ul style="list-style-type: none"> <li>- Exchange of good practices as well as factors hampering the scale-up of biobased products and processes.</li> <li>- Detection of new research strategies aimed to support the fisheries, aquaculture and processing sectors</li> <li>- Identification of business opportunities and concrete actions</li> </ul>
<b>Target participants</b>	<p>Quadruple-helix stakeholders:</p> <ul style="list-style-type: none"> <li>• Civil society</li> <li>• Industry/Investors</li> <li>• Research/ Education</li> <li>• Public administration / Policy Makers</li> </ul>
<b>Objectives</b>	<ul style="list-style-type: none"> <li>• Regional/Local Development</li> <li>• Strengthen action plans for local bioeconomy</li> </ul>

## AGENDA:

11.00 -11.15	<p><b>Introduction</b></p> <p>Welcome from the local Authorities, SIBS President, BIOVOICES representatives and ESMB President</p> <p>- Icebreaker Questions to the public</p>
	<p><b><i>The European perspective of the Marine biobased products and ethicals and sustainables aspects</i></b></p>
11:15 - 11:25	<p><b><i>Prof Claire Hellio, Biodimar, LEMAR, Université de Bretagne Occidentale (France) - Marine Biobased products from a European perspective (max 10 min)</i></b></p>
11:25-11:35	<p><b><i>Dr Michelè Barbier, Ethics Expert H2020, European Commission Executive Director, Institute for Science &amp; Ethics, France- Coupling ethic and sustainability in marine biobased production (max 10 min)</i></b></p>
11:35 – 12.30	<p><b><i>Case studies – Sustainability models - Main Challenges</i></b></p> <p><b><i>Josep Lloret, Oceans and Human Health Chair &amp; SeaHealth Research Group University of Girona, Institute of Aquatic Ecology, Girona, Catalonia, Spain. Mediterranean biodiversity and human health: threats and opportunities for marine based products (max 10 min).</i></b></p> <p><b><i>Salwa Sadok, Institute National des Sciences et technologie de la mer, B3Aqua Laboratory, Tunis, Tunisia</i></b></p> <p><b><i>Edible packaging and functional food from shrimp by-products: coupling sustainability with shelf-life extension (Max 10 min).</i></b></p> <p><b><i>Concetta Messina, University of Palermo, President of SIBS-Trapani, Vice-President of the European Society of marine Biotechnology (ESMB)</i></b></p> <p><b><i>MARINE BIOBASED from fishery and aquaculture by-products : from characterization to industrial applications. (Max 10 min)</i></b></p> <p><b><i>- 3 selected questions to the speakers</i></b></p>
12.30 – 13:00	<p><b><i>Open and interactive session and conclusions</i></b></p> <p>- Questions to the speakers from the public</p> <p>- All participants interaction through open survey (<b><i>Mentimeter – Personal smartphone</i></b>)</p> <p>- Conclusion</p>
<p><b><i>Focus on the business sector – Side parallel session (podcast)</i></b></p> <p><b><i>Effects of COVID-19 in fishery, aquaculture and processing value-chain</i></b></p>	

## **INSTRUCTIONS FOR ABSTRACTS SUBMISSION**

Abstracts (strictly related to the theme of the workshop) must be received no later than June 5, 2020, at the following email address:

rosaria.arena@unipa.it (Dr Rosaria Arena, UniPa, DiSTEM, Laboratory of Marine Biochemistry and Ecotoxicology, Trapani)

Abstracts must be written exclusively in English: maximum 250 words (excluding title, authors and institution), word (or rtf) format, times new roman 12, single line spacing, as follows:

1. Title,
2. Author(s)
3. Entity(ies), address, e-mail
4. Text

Figures, tables and graphs are not allowed.

The abstracts accepted must be submitted as power points (maximum 2 slides) by 8 June 2020.

Subsequently it will be uploaded to the event platform and will be available for consultation, to all participants at the meeting, together with the book of abstracts.

### **Organizing committee**

Concetta Messina (UniPa-SIBS)

Andrea Santulli (UniPa – Cons.Univ.Tp)

Daniele Gizzi (APRE)

### **SIBS committee**

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