

**International Conference on the Occasion of the  
10<sup>th</sup> Year Anniversary of the CANA-CNRS in Lebanon  
Programme  
Wednesday March 27, 2019 / Venue: Grand Serail**

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| 10:00 – 11:00               | <p><b>Opening:</b></p> <ul style="list-style-type: none"> <li>- Secretary General of the CNRS-L, Mouin Hamzé</li> <li>- Director of CIHEAM/IAM-Bari, Maurizio Raeli</li> <li>- President of CNR-Italy, Massimo Inguscio</li> <li>- Head of the EU Delegation to Lebanon; <i>Represented by Mr. Jose Luis Vinuesa-Santamaria, Head of Economy and Local Development Section</i></li> <li>- Italian Ambassador to Lebanon, H.E. Massimo Marotti</li> <li>- President of the Council of Ministers</li> </ul>   |
| 11:00 – 11:30               | <p><b>Key Note Speaker: Katrin Schroeder</b>, Physical Oceanographer<br/><i>The Mediterranean Sea - Our Miniature Ocean</i><br/>CNR ISMAR, Institute of Marine Science of the Italian National Research Council.</p>  |
| 11:30-11:45                 | <b>Coffee Break</b>   |
| 11:45 – 13:15<br>(1 ½ Hour) | <p><b>Panel I: Physics &amp; Marine Geomorphology</b><br/>Chairpersons*: <i>Teodoro Miano</i> (University of Bari &amp; CIHEAM) and <i>Rula Atweh</i> (CNRS-L)<br/><i>*Introducing the session, the thematic and moderates the discussions (10 Minutes)</i><br/><b>Speaker:</b> 10 Years of CANA/CNRS-L Marine Geophysical Research; Alexandre Surssock (25 Minutes)<br/><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>- <i>George Papathedourou</i>; Dean, School of Natural Sciences /University of Patras – Greece; <b>Geomorphology offshore Sidon and Tyre and paleogeographic implications.</b> (15 Minutes)</li> <li>- <i>Badaoui Rouhban</i>; Consultant to the United Nations, Paris – France (15 Minutes); <b>Sea and Ocean Hazards and Disasters: Strengthening Resilience</b></li> <li>- <i>Elie Jarmache</i>; Governance and Law of the Sea Exper / Direction Générale IFREMER – France (15 Minutes); <b>The need of Marine Science, Substance and Tools, Worldwide</b></li> </ul> <p><i>Followed by Q&amp;A (10 Minutes)</i></p> <p><i>The bathymetric campaigns of CANA-CNRS which covered an important Lebanese maritime area: reaching depths of -900m, mapping structures shallower than -200m, and specifying related morphological structures.</i><br/><i>Following a presentation by the CANA Team; The panelists are invited to discuss research policy, provide case studies, and elaborate on opportunities for cooperation towards 'marine geological risks' that face the Lebanese and Mediterranean coast in terms of tectonic movements, climate change, underwater spring resources and submerged archeology.</i></p> |
| 13:15 – 14:00               | <b>Lunch</b>  |



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| <p>14:00 – 15:30<br/>(1 ½ Hour)</p> | <p><b>Panel II: Marine Biology</b><br/> Chairpersons*: Maurice Saade (FAO-Lebanon) &amp; Elise Noujeim (CNRS-L)<br/> <i>*Introducing the session, the thematic and moderates the discussions (10 Minutes)</i></p> <p><b>Speakers:</b> 10 Years of CANA/CNRS-L Marine Biology Research; Milad Fakhri &amp; Gaby Khalaf (25 Minutes)</p> <p><b>Panelists:</b></p> <ul style="list-style-type: none"> <li>- <i>Stefano Lelli; Fisheries Expert/FAO-Consultant– Italy; <b>Fish Stock: From data collection to validated assessment of the resources: a long process to support effective management (15 Minutes)</b></i></li> <li>- <i>Stefano Piraino; Chairman of the Academic Board in Biology, CONISMA Research Unit Director; University of Salento – Lecce, Italy; <b>Good Environmental Status or Best Environmental Compromise? Turning negative impacts into a positive, Blue Growth perspective. (15 Minutes)</b></i></li> <li>- <i>Gian Marco Luna; Director, CNR IRBIM / Institute for Marine Biological Resources and Biotechnology, National Research Council - Italy; <b>Perspectives, Challenges and Opportunities in Marine Biological, Ecological and Biotechnological Research (15 Minutes)</b></i></li> </ul> <p><i>Followed by Q&amp;A (10 Minutes)</i></p> <p><i>Marine biology assessment is intimately related to physicochemical and biogeochemical parameters and may impact strongly the biodiversity development and distribution from plankton to megafauna. In addition, the spread of pollutants in the Mediterranean basin is having negative impacts on fauna, flora and their habitats.</i></p> <p><i>Following a presentation by the CANA Team, Panelist are invited to discuss research policy, provide case studies and elaborate on opportunities of cooperation towards defining main constraints, finding mitigating solutions, strengthening the sustainability of marine ecosystems and improving the livelihood of coastal communities.</i></p> |
| <p>15:30 – 16:30</p>                | <p><b>Concluding Session:</b> Cooperation and the Way Forward, <i>Followed by an Open Discussion</i></p> <ul style="list-style-type: none"> <li>- Mouin Hamzé / SG CNRS-L; <i>Moderator</i></li> <li>- Massimo Inguscio / President, CNR-Italy</li> <li>- Donatella Processi / Director, AICS</li> <li>- Maurizio Raeli / Director, CIHEAM, IAM-Bari</li> <li>- Wafaa Charafeddine / Funding Decision Director, Council for Development and Reconstruction, CDR</li> </ul>   |