

Scientific Conference  
 “Integrated Marine Research in the Mediterranean and the Black Sea”

**7 – 9 December 2015**  
**Royal Flemish Academy of Belgium for Science and the Arts (KVAB)**  
**Brussels, Belgium**

**Programme**

**Monday, 7 December 2015**

**(Venue: Throne Building, Boudewijn Auditorium)**

**08:15 - 09:00 Registration**  
**09:00 - 09:30 Opening Addresses**

**Session 1**

Chairs: E. Kaberi & G. Verreet

09:30 - 09:45	Huertas I.E., Flecha S., Ríos A.F. , García-Lafuente J., Sammartino S., Casas B. & Pérez F.F.	Trends of pH decrease in the Mediterranean Sea through sustained observations in the Strait of Gibraltar
09:45 - 10:00	Krasakopoulou E., Souvermezoglou E., & Goyet C.	Acidification of the North Aegean Sea from anthropogenic carbon
10:00 - 10:15	Civitaresse G., Lavigne H., and the ADREX Group	Circulation, ecosystem dynamics and climate sensitiveness in the Central Mediterranean region
10:15 - 10:30	Karageorgis A.P., Psarra S., Drakopoulos P., Assimakopoulou G., Banks A.C., Kabouri G., Kanellopoulos Th., Krasakopoulou E., Lagaria A., Pagou K., Papadopoulos V., Papadopolou A., Parinos K., Renieris P., Spyridakis N. & Velaoras D.	Back to basics: Measuring IOPs in the Aegean Sea to support chlorophyll-a retrieval from ocean colour
10:30 - 10:45	Shapiro G.I., Wobus F., Zatsepin A.G. , Akivis T.M. & Zhou F.	Shelf-deep sea exchanges in the Black Sea: an integrated analysis
10:45 - 11:00	Rahav E. & Herut B.	Bacterioplankton variability in the Levantine basin (SE Mediterranean Sea), implications on the related Marine Strategy Framework Directive descriptor
<b>11:00 - 11:30</b>	<b>Coffee Break (in Atrium)</b>	
11:30 - 12:00	Luis Valdes (invited speaker)	Mapping European Marine/Maritime Landscape
12:00 - 12:15	Staneva J., Moncheva S. & Hristova O.	Response of the Black Sea coastal phytoplankton variability during the last decade to climate change and anthropogenic inputs
12:15 - 12:30	Psarra S., Lagaria A., Pagou P., Assimakopoulou G., Pavlidou A. & Karageorgis A.P.	Phytoplankton dynamics in the hydrologically complex NE Aegean frontal area (NE Mediterranean)
12:30 - 12:45	Lazar L., Boicenco L., Moncheva S., Shtereva G.†, Beken C. & Vasiliu D.	The eutrophication status of the Western Black Sea – a step towards GES assessment
12:45 - 13:00	Discussion	
<b>13:00 - 14:15</b>	<b>Lunch (in Atrium)</b>	

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**Session 2**

Chairs: L. Prieto & C. Janssen

14:15 - 14:30	Ruiz J. & Prieto L.	The force of the Atlantic on the Mediterranean, not always a positive influence: an inter-annual analysis on fish and jellyfish.
14:30 - 14:45	Brind'Amour A., Rochet M.-J., Mérigot B., Jadaud A., Carbonara P., Follesa C., Maiorano P., Ordinas X., Spedicato M.T., Lefkaditou E., Peristeraki N., Tserpes G., Rabiller M., Berthelé O. & Trenkel V.M	Contrasting marine food web structures and time trends across the Mediterranean
14:45 - 15:00	Trenkel V.T. & Brind'Amour A.	Characterising spatial and temporal patterns of species biomass distributions in landings from the Mediterranean and Black Sea
15:00 - 15:15	Puig P., Company J.B., Gorelli G., Font J., Durrieu de Madron X., Houpert L. & Testor P.	Effects of deep water formation processes in the population dynamics of the commercial deep-sea shrimp <i>Aristeus antennatus</i>
15:15 - 15:30	Panayotidis P., Karamfilov V., Zouljevic A. Dragos M., Gana S. & Bouia M.	Seagrass distribution patterns and ecological quality status for the evaluation of GENs under MSFD: comparative case studies in the SAS
15:30 - 15:45	Simboura N., Oros A., Dumitrache C., Karamfilov V., Filimon A. & Klajn S.	Response of benthic communities to human pressures: an integrative assessment
<b>15:45 - 16:15</b>	<b>Coffee Break (in Atrium)</b>	
16:15 - 16:45	Ferdinando Boero (Invited Speaker)	CoCoNet, MPA Networks and the Cells of Ecosystem Functioning
16:45 - 17:00	Zenetos A., Arashkevich E., Boicenco L., Dumitrache C., Gana S., Oros A, Ozturk. B., Rilov G., Souissi K., Chikina M. & Nikishina A.	NIS in PERSEUS hotspot areas: Testing trends in introduction as an indicator
17:00 - 17:15	Canals M., Sánchez-Vidal A., Amblàs D., Tubau X., Calafat A. & Lastras G	Anthropogenic impacts on deep submarine canyons of the NW Mediterranean Sea
17:15 - 17:30	Ioakeimidis C., Fotopoulou K.N., Karapanagioti H.K., Geraga M., Zeri C., Papatthanassiou E., Galgani F. & Papatheodorou G.	What's the lifespan of plastic bottles in the marine environment?
17:30 - 17:45	González D., Pantazi M., Vasile D., Muresan M., Vassilopoulos V. & Hanke G.	Chemical pollution in the SES: methodological approaches and assessment elements
17:45 - 18:00	Pérez-Albaladejo E., Rizzi J., Fernandes D., Lille-Langøy R., Goksøyr A. & Porte C.	Use of in-vitro bioassays to characterize the environmental quality of sediments from the Adriatic and the Black Seas
18:00 - 18:15	Zoppini A. , Ademollo N. , Amalfitano S. , Dellisanti W., Lungarini S., Misericocchi S., Patrolecco L. & Langone L.	Linking the microbial community processes to the contamination by priority organic substances: <i>in situ</i> observations on coastal sediments of the Adriatic Sea (Italy)
18:15 - 18:30	Tronczyński J. , Kuspilič G. , Carlotti F. , Cadiou JF., Andral B. & Milun V.	Accumulation and trophic transfer of POPs in plankton and small pelagic fish in the Western Mediterranean and Adriatic Sea
18:30 - 19:00	Discussion	
19:00	End of the 1 <sup>st</sup> Day	

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**POSTER SESSION**

Chair: D. Vassile

09:00 - 11:30 **Oral flash-presentations & Visits (including Coffee)**

**Session 3**

Chairs: A. Crise, E. Heslop

11:30 - 12:00	Zdenka Willis (invited speaker)	U.S. Integrated Ocean Observing System (IOOS®) - Eyes on our Ocean
12:00 - 12:15	Poulain P.-M.	Lagrangian observing systems in the Southern European Seas: review, gaps and upgrade
12:15 - 12:30	Heslop E.E., Tintoré J., Testor P., Mortier L., Hays D. & Mauri E.	Glider monitoring under PERSEUS as a contribution to ocean observing in the SES with implications for future integrated observing system development
12:30 - 12:45	Gana S., Ghenim L., Mortier L., Testor P., Tintore J., Buongiorno-Nardelli B., Olita A. & Ludicone D.	Hydrodynamical properties of a cyclonic eddy in the channel of Sardinia monitored by Glider and Satellites Observations
12:45 - 13:00	Discussion	
<b>13:00 - 14:30</b>	<b>Lunch (in Atrium) and Poster visits</b>	
14:30 - 14:45	Pascual A., Ruiz S., Troupin C., Olita A., Claret M., Mahadevan A., Moure B., Poulain P.-P., Capet A., Tovar A. & Tintoré J.	AlborEx: a multi-platform interdisciplinary view of Meso and Submesoscale processes
14:45 - 15:00	Retho R., Hayes D., Georgiou G. & Mortier L.	Observing the origin of Levantine Intermediate Water: A design study for a hydrographic mooring
15:00 - 15:15	Kavadas S., Barberá C., Belardinelli A., Carpi P., Cataudella S., Croci C., D’Andrea L., Dokos J., Maina I., Martinelli M., Massutí E., Moranta J., Parisi A., Quetglas A., Russo T., Santojanni A. & Vasilopoulou V.	Methods to analyse Vessel Monitoring System data
15:15 - 15:30	Puig M. & Darbra R.M.	Development of a Tool for the identification and assessment of Environmental Aspects in Ports (TEAP)
15:30 - 15:45	Navarro G., Prieto L. & Huertas I.E.	Remote sensing algorithm to identify dominant phytoplankton groups in the Mediterranean Sea: a tool for MSFD at basin scale
15:45 - 16:00	Reglero P., Alemany F., Aparicio A., Alvarez-Berastegui D., Balbin R., Garcia A., Juza M., López-Jurado J-L., March D., Martin M., Moure B., Pascual A., Rodriguez J-M. & Tintoré J.	Towards sustainability for Atlantic Bluefin tuna in the Mediterranean Sea: Perseus research findings
16:00 - 16:15	Grégoire M., Drion R., Gomoiu M., Todorova V., Velikov V. & Capet A.	Response of the Black Sea’s benthos ecological functions to an environmental gradient

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**Session 3 (cont.)**

Chairs: A. Crise, E. Heslop

- 16:15 - 16:30 Zavatarelli M., Mattia M., Lovato T. & Colella S. Preliminary model assessment of basic marine ecosystem properties of the Northern Adriatic Sea
- 16:30 - 16:45 Libralato S., Solidoro C., Akoglu E., Banaru D., Capet A., Daskalov G., Gregoire M., Kandilarov R., Lazzari P., Salihoglu B., Staneva J. & Tsagarakis K. Scenarios of ecosystem health from End-to-End models of the Mediterranean Sea and Black Sea
- 16:45 - 17:00 Discussion
- 17:00 – 17:30 Coffee Break (in Atrium)**
- 17:30 - 19:00 Round Table Discussion on “European Marine Research Infrastructures: Their development and uptake for better science”  
Moderator: G. Verreet  
Panel: J. Tintoré, A. Crise, V. Lykousis, A. Stanica
- 19:00 End of the 2<sup>nd</sup> Day
- 19:15 Walking Dinner in Marble room**

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**Session 4**

Chairs: E. Lipiatou, A. Kontogianni

09:00 - 09:15	Skourtos M., Damigos D., Tsitakis D., Kontogianni A., Tourkolias C.	What are marine ecosystem services worth? The V-MESSES database
09:15 - 09:30	Sauzade D., Boudine T., Boteler B., Pascual M., Jiménez J. & contributors to the PERSEUS task T1.2 and T2.2	Socioeconomic analysis of pressures of the coastal areas and open seas in the Mediterranean and the Black Seas
09:30 - 09:45	Boteler B., Krueger I., Smith L. Sauzade D., Breil M., Pascual M. & Xu J.	Inventory and critical assessment of marine policy in the Southern European Seas
09:45 - 10:00	Skourtos M., Damigos D., Kontogianni A. & Tourkolias C.	Assessing the cost of marine degradation: a critical reading of the MSFD Initial Assessment reports
10:00 - 10:15	Le Tellier J., Sauzade D., Boudine T., Breil M., March D., Gileva E., Shivarov A. & Beaumont N.	Stakeholder Dialogue: expectations and feedback of the end users of the Adaptive Marine Policy Toolbox
10:15 - 10:30	Vasile D., Muresan M., Begun T., Teaca A., Gomoiu M-T, Vasiliu D., Oaie Gh., Vassilopoulou V., Pantazi M., Gonzalez D., Hanke G.	Building regional cooperation between scientists and stakeholders in the SES non-EU countries.
10:30 - 10:45	Discussion	
<b>10:45 - 11:15</b>	<b>Coffee Break (in Atrium)</b>	
11:15 - 11:45	Anil Markandya (Invited Speaker)	Science in policy-making – How to make the best of the growing but incomplete knowledge base
11:45 - 12:00	Breil M., Sauzade D., Garmendia M., Krueger I., Boteler B., Beaumont N., Skourtos M., Kontogianni A. & members of WP 6	Policy guidance for adaptive marine and coastal policy making
12:00 - 12:15	Melikidze V. & Bilashvili K.	Potential application of the AMP Toolbox for designing and implementing adaptive policies in the Eastern Black Sea in the light of EU-Georgia Association Agreement
12:15 - 12:30	Kontogianni A., Tourkolias C., Damigos D., Skourtos M., Andral B., Salihoglu B., Güven O., Zanou B., Kaberi H., Vassilopoulou C., Pantazi M., Zeri C., Brodersen M. & Streftaris N.	Linking targets and cost-effective management measures for marine governance: The MeTaLi model – MERMAID project
12:30 – 12:45	Discussion	
<b>12:45 - 14:15</b>	<b>Lunch (in Atrium)</b>	

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**Session 5**

Chairs: L. Giannoudi & N. Streftaris

	PERSEUS SESSION: Final/Main Results/Impacts
14:15 - 16:45	WP1 (Durrieu de Madron, X.), WP2 (Cadiou J.F.), - WP3(Tintore J.), WP4 (Zavatarelli M.), WP7 (Cosmidis C.) - WP5 (Vassilopoulou V.), WP6 (Sauzade D.) – WP8 (Deidun A.), WP9 (Koulouvaris E.)
16:45 - 17:00	Discussion and Advisory Board views
<b>17:00 - 17:30</b>	<b>Coffee Break (in Atrium)</b>
17:30 - 19:00	Round Table Discussion with a Theme “Where do we go from here in the SES?” Moderator: E. Papathanassiou Panel: J. Ruiz, A. Zatsepin, M. Skourtos, M. Gregoire
19:00	Wrap up and Close of the Conference