

FINAL SCIENTIFIC CONFERENCE

Monday 4 April 2011

8:00-8:45	Registration
8:45-9:00	Opening address Prof Costas Synolakis, President of HCMR
Chair: Evangelos Papathanassiou	
9:00-9:15	Kubryakov, A., Stanichny, S., Kremenetskiy, V., Piotoukh, V., Zatsepin, A. Long-term variations of the Black Sea dynamics and its probable impact on the marine ecosystem
9:15-9:30	Shapiro, G.I., Aleynik, D.L., Zatsepin, A.G., Khan, V.M., Piotukh, V.B., Prostackishin, V.M., Akivis, T.M., Belokopytov, V.V., Sviridov, A.S. Sensitivity of temperature and surface currents in the Black Sea to variations in atmospheric parameters
9:30-9:45	Begun T., Cărauş I., Gomoiu M.-T., Oaie G., Secrieru D., Teacă A., Vasiliu, D. Are there any recovery signs in the NW Black Sea Ecosystems? Conclusion remarks from studies carried out in front of the Danube Mouths in the frame of SESAME EU Project.
9:45-10:00	Capet, A., Barth, A., Beckers, J.M., Borges A.V., Joassin, P., Meysman F., Soetaert, K., Grégoire, M. Assessment of the long term changes of the Black Sea hydrodynamics and biogeochemistry
10:00-10:15	Shapiro, G. I., Wobus, F., Aleynik, D.L. Inter-annual to inter-decadal temperature variability in the benthic layer of the western Black Sea shelf
10:15-10:30	Lemeshko, E.M., and Morozov, A.N. Currents in the Strait of Kerch and associated substances transport by the ADCP measurements
10:30-11:00	<i>Coffee</i>
11:00-11:15	Shapiro, G.I., Stanichny, S.V., Stanychna, R.R. Quantification of shelf-deep sea exchanges by a recurrent mesoscale eddy in the North West Black Sea
11:15-11:30	Joassin, P., Barth, A., Beckers, J.M., Boicenco, L., Capet, A., Moncheva, S., Naithani, J., Troupin, C., Grégoire, M. Reconstruction of gridded physical and biogeochemical fields from long time series analysis (1960-1996) in the Black Sea
11:30-11:45	Hamouda, S.B., Schroeder, K., Sammari, C., Gasparini, G.P. Interannual variability of water masses properties in the Sicily Channel
11:45-12:00	Kovačević, V., Civitarese, G., Gačić, M., Ursella, L., Burca, M., Kioroglou, S., Kontoyiannis, H.

Dynamics and Hydrology of the Adriatic-Ionian system in 2008: The BIOS in action

- 12:00-12:15 Bensi, M., Hainbucher, D., Cardin, V., Rubino, A.
Structure and variability of the abyssal water masses of the Ionian Sea in the period 2008-2010: Their links with the Adriatic and Aegean Sea
- 12:15-12:30 Zatsepin, A., Ostrovskii, A., Shvoev, D., Soloviev, V., Tsibulsky, A.
Applications of the moored profiler aqualog for research and environmental monitoring in the South European Seas
- 12:30-12:45 Kvavadze, E., Bilashvili, K.
Black Sea level fluctuations, global climatic change and human activity in Georgia
- 12:45-13:00 Kioroglou S., Zervakis, V., Tragou, E., Kovačević, V., Gertman, I., Herut, B., Özsoy, E., E. Tutsak
The assessment of vertical eddy diffusivities at East Mediterranean and Black Seas through the identification of potential density overturns. A synthetic approach within the frame of SESAME project.
- 13:00-14:30 *Lunch*

Chair: Andrei Zatsepin

- 14:30-14:45 Christodoulaki, S., Petihakis, G., Tsiaras, K., Mihalopoulos, N., Kanakidou, M., Triantafyllou, G.
Atmospheric Deposition in the East Mediterranean: A driving force for ecosystem dynamics
- 14:45-15:00 Schroeder, K., Gasparini, G.P., Basilone, G., Ben Ismail, S., Borghini, M., Buongiorno Nardelli, B., Cerrati, G., Cuarana, L., Delfanti, R., De Luca, B., Mazzocchi, M.G., Sammari, C., Santinelli, C., Santoleri, R., Schirone, A., and Sparnocchia, S.
Multidisciplinary characterization of the Sicily Channel during SESAME
- 15:00-15:15 Heussner, S., Stavrakakis, S., Calafat, A., Sanchez-Vidal, A., Canals, M., Durrieu de Madron, X., Kontoyannis, H., Kambouri, G., Stavrakaki, I., Delsaut, N.
Synchronous measurement of particle fluxes along a latitudinal transect in the Mediterranean and Black seas
- 15:15-15:30 Gogou, A., Bouloubassi, I., Plakidi E., Lorre, A., Kambouri G., Stavrakaki I., Stavrakakis S.
Biomarkers as tracers of organic carbon fluxes in the SW Black Sea: a 1-yr sediment trap experiment
- 15:30-15:45 Roullier F., Goutx M., Guidi L., Stemmann L., d'Ortenzio F., Claustre H., Picheral M., Gorsky G.
Importance of particulate matter in carbon export and sequestration in the Mediterranean Sea
- 15:45-16:15 *Coffee*
- 16:15-16:30 Krastev, A., Shtereva, G.
Hydrochemical changes in the western part of the Black Sea
- 16:30-16:45 Kandilarov R., Stanev, E., Staneva, J.
Sediment and Ecosystem Dynamics in the Black Sea: Numerical Modelling and Remote Sensing Observations
- 16:45-17:00 Karageorgis, A.P., Ogston, A.S., Mikkelsen, O.A., Georgopoulos, D., Oaie, G.,

Krasakopoulou, E., Asimakopoulou, G., Kanellopoulos, Th., Anagnostou, Ch.
Transmissometry and LISST measurements vs. bottle particulate matter data in high density gradients: the Danube delta, Black Sea

17:00-17:30 *General Discussion*

Tuesday 5 April 2011

Chair: Dimitris Georgopoulos

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- 9:00-9:15 Flecha, S., Olive I., Huertas, E.
Spatial Distribution of the Carbon system components in the Alboran Sea and in the Gulf of Cadiz
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- 9:15-9:30 Sanchez-Vidal, A., Calafat, A., Pedrosa, R., López, P., Canals, M., J. L. Casamor
Particulate organic carbon export during eastern storms in the Catalan sea
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- 9:30-9:45 Giani, M., Kovacevic, V., Cardin, V., Burca, M., Bensi, M., Ursella, L., Rampazzo, F., Berto, D., Savelli, F., Catalano, G., Cozzi, S., Cantoni, C., Luchetta, A.
Biogeochemical properties of Adriatic dense waters
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- 9:45-10:00 Souvermezoglou, E., Krasakopoulou, E., Goyet, C.
Total Inorganic Carbon and Total Alkalinity distribution in the Eastern Mediterranean
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- 10:00-10:15 Santinelli C., Abbate M., Buongiorno Nardelli B., Cerrati G., Colella S., De Domenico E., Delfanti R., Gasparini G.P., Goyet C., Lavezza R., Mazzocchi M.G., Ribera d'Alcalà M., Schirone A., Schroeder K., Smedile F., Tamburini C., A. Zingone
Early Spring Carbon Dynamics in the Western Mediterranean Sea: Influence of Different Trophic and Dynamic Regimes
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- 10:15-10:30 Karageorgis, A.P., Kanellopoulos, Th., Georgopoulos, D., Anagnostou, Ch., Pappas, G., Kambouri, G.
Particulate matter dynamics in the Eastern Mediterranean during the SESAME cruises in 2008, based on continuous optical measurements and bottle data
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- 10:30-10:45 Tsoliakos, D., Zeri, C., Tzortziou, M., Mousdis, G., Scoullou, M.
Chemical and Optical properties of Chromophoric Dissolved Organic Matter (CDOM) in the Aegean and Ionian Seas
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- 10:45-11:15 *Coffee*
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- 11:15-11:45 **Keynote Speech**
Assessment of changes in the SES ecosystems over the last 50 years
M. Gregoire, G. Gorsky, I. Gertman
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- 11:45-12:00 Özsoy, E., Aydođdu, A., Sözer, A., Nagy, H., and Gündüz, M.
Multi-year variations in the Northern Levantine Basin based on coupled hydrodynamic and ecosystem modelling
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- 12:00-12:15 Stips, A., Garcia-Gorriz, E., Lessin, G.
Statistical analysis of 50-year biogeochemical model simulations in the Mediterranean Sea. Can we detect linear trends, non-linear behaviour, break points or regime shifts in these hindcast data?
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- 12:15-12:30 Vichi M., An, B.W., Mattia G., Oddo P., Gualdi S., Scoccimarro E., and Zavatarelli M.
Future projections of the Mediterranean Sea in the 21st century: habitat changes and the

case for meridionalization

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- 12:30-12:45 Mattia, G., Zavatarelli, M., Vichi, M., An, B.W., Oddo, P.
Variability of the Mediterranean Sea biogeochemistry in the contemporary climate
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- 12:45-13:00 Huertas, I.E., Ríos, A.F., García-Lafuente, J., Navarro, G., Makaoui, A., Sánchez-Román, A., Rodriguez-Galvez, S., Orbi, A., Ruiz, J., Pérez, F.F.
On Mediterranean-World Ocean nutrient-balance and the basin oligotrophy
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- 13:00-14:30 *Lunch*

Chair: Marilaure Gregoire

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- 14:30-15:00 **Keynote Speech**
Report on the assessment of the current status of the SES through analysis of existing and newly collected data at basin and regional scale as well as through model simulations
E. Ozsoy, D. Georgopoulos, A. Zatsepin, M. Zavatarelli, M. Gregoire, I. Gertman
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- 15:00-15:15 Kress, N., Gertman, I., Herut, B.
Will the changes in the vertical distribution of nutrients in the Levantine Basin affect the upper layer's biology?
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- 15:15-15:30 Tugrul, S.
Nutrient exchange fluxes and long-term chemical changes in the Turkish Straits System (Marmara Sea, Bosphorus and Dardanelles Straits)
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- 15:30-15:45 Lazar, L., Vasiliu, D., Gomoiu, M.T., Secieru, D., Balan, S., Timofte, F.
Variability of inorganic nutrients and chlorophyll a in Western Black Sea
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- 15:45-16:00 Pakhomova, S., Vinogradova, E., Yakushev, E., Zatsepin, A., Shtereva, G., Chasovnikov, V., Podymov, O.
On the recent interannual changes of the Black Sea nutrient regime and oxic/anoxic boundary position
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- 16:00-16:30 *Coffee*
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- 16:30-16:45 Dorofeyev, V., Oguz, T., and Korotaev, G.
Hindcast of the Black Sea Ecosystem Dynamics
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- 16:45-17:00 Lazzari, P., Solidoro, C., Salon, S., and Crise, A.
Mediterranean Sea biogeochemistry hindcast and scenario simulations: results by OPATM-BFM model
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- 17:00-17:15 Androulidakis, Y., Krestenitis, Y., Kourafalou, V.
Modelling the transport and the fate of waters of Black Sea origin with the North Aegean Sea Hybrid Coordinate Ocean Model (NAS-HYCOM)
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- 17:15-17:30 Eisenhauer, L., Carlotti, F., Diaz, F., Campbell, R.
Modelling spatial distributions of zooplankton life stages influenced by mesoscale circulation in the North Western Mediterranean Sea during the year 2001
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- 17:30-18:00 *General Discussion*
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- 20:00 ***Guided tour and Official Dinner in the Acropolis Museum***

Wednesday 6 April 2011

Chair: Gaby Gorsky

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| 9:00-9:30 | Keynote Speech
Report on the assessment of the future SES ecosystem changes
M. Zavatarelli, M. Gregoire |
| 9:30-9:45 | Garcia-Gorriz, E., Stips, A., Lessin, G.
50-year biogeochemical model simulations in the North Aegean Sea. Are there decadal trends in the surface fields? |
| 9:45-10:00 | Tsiaras K., Petihakis, G., Kourafalou, V., Krasakopoulou, E., and Triantafyllou, G.
Changes in the N. Aegean ecosystem functioning over the last decades: Impact of river nutrient load variability on nutrient conditions, productivity and food web dynamics. |
| 10:00-10:15 | Puddu, A., Psarra, S., Amalfitano, S., Assimakopoulou, G., Christaki, U., Giannakourou, A., Lagaria, A., Magiopoulos, I., Mara, P., Pagou, K., Pitta, P., Varkitzi, I., Yucel, N., Zoppini, A.
Spatial and seasonal variability of primary production, bacterial production, community respiration and community trophic level in the Eastern Mediterranean |
| 10:15-10:30 | Magiopoulos, I., Papathanassiou, E. and Pitta, P.
Viruses in a deep oligotrophic sea: Seasonal distribution of marine viruses in the epi-meso- and bathypelagic waters of the Eastern Mediterranean Sea |
| 10:30-11:00 | <i>Coffee</i> |
| 11:00-11:15 | Lasternas S., Agustí S., Flecha S. and Navarro G.
Changes in bacteria and phytoplankton distribution along the Gibraltar strait and Alboran sea. |
| 11:15-11:30 | Volpe, G., Rinaldi, E., Buongiorno Nardelli, B., Santoleri, R.
Seasonal to interannual phytoplankton response to physical processes in the Mediterranean Sea from satellite observations |
| 11:30-11:45 | Varkitzi, I., Pagou, K., Pantazi, M., Papathanassiou, E.
Current state of phytoplankton populations in Aegean, Ionian and Libyan Seas (Eastern Mediterranean): composition and distribution |
| 11:45-12:00 | Abboud-Abi, S., M., Milad, F., Gaby, K.
Vertical and temporal phytoplanktonic populations variability in the Lebanese waters (Eastern Mediterranean) |
| 12:00-12:15 | Bahamon, N., Bernardello, R., Cruzado A. & Velasquez, Z.
Strong winter conditions effects on phytoplankton biomass and organic matter fluxes in NW Mediterranean Sea |
| 12:15-12:30 | Lagaria, A., Psarra, S., Gogou, A., Krasakopoulou, E., Pavlidou, E., Tugrul, S., Yucel, N., Christaki, U.
Particulate and dissolved primary production along a pronounced hydrographic and trophic gradient (Turkish Straits System - NE Aegean) |
| 12:30-12:45 | Mikaelyan A., Moncheva S., Boicenco L.
Long-term changes of phytoplankton communities in the Black Sea |
| 12:45-13:00 | Moncheva, S., Kalchev, R., Stefanova, K., Slabakova, N., Mavrodieva, R. |

On the relationship between Primary Productivity and phytoplankton communities taxonomic and size structure variability in the Western Black Sea

13:00-13:15 Marasović, I., Ninčević-Gladan, Z., Skejić, S., Grbec, B., and Bužančić, M.
Abundance of some phytoplankton species in relation to anthropogenic eutrophication and climatic changes

13:15-14:00 *General Discussion*

14:00-15:30 *Lunch*

15:30-18:00 **Poster Session (including Coffee)**

Thursday 7 April 2011

Chair: Snejana Moncheva

- 9:00-9:30 **Keynote Speech**
Changes in the ability of the SES ecosystems to provide goods and services: assessment and prediction
M. Skourtos, J. Ruiz, M. Zavatarelli, M. Gregoire
- 9:30-9:45 Vandromme, P., Stemmann, L., García-Comas, C., Mousseau, L., Prejger, F., Passafiume, O., Picheral, M., and Gorsky, G.
Zooplankton response to NW Mediterranean hydroclimatic changes from 1966 to 2010
- 9:45-10:00 Arashkevich E., Ak Orek Y., Stefanova K., Timofte F., Timonin A., Terbiyik T., Uysal Z., Gubanova A., Mazzochi M.G., Siokou-Frangou I., Tirelli V., Fernandez de Puelles M.L., de Olazabal, A., Gaza M., Legovini S., Margiotta, F., Protopapa, M.
Zooplankton distribution in the Black Sea: regional and temporal features in 2008 SESAME cruises (WP2)
- 10:00-10:15 Mazzochi M.G., Siokou-Frangou I., Tirelli V., Fernandez de Puelles M.L., Ak Orek Y., de Olazabal, A., Gaza M., Legovini S., Margiotta, F., Terbiyik T., Uysal Z., Gubanova A., Protopapa, M., Arashkevich E., Stefanova K., Timofte F., Timonin A.,
Zooplankton distribution in the Mediterranean Sea: regional and temporal features in 2008 SESAME cruises (WP2)
- 10:15-10:30 Moutsopoulos, A., Christou, E.D., Zervoudaki, S., Frangoulis, C., Siokou-Frangou, I., Zoulias, Th.
Production and feeding of key copepods in the Eastern Mediterranean Sea
- 10:30-11:00 *Coffee*
- 11:00-11:15 Samuel-Rhoads, Y., Chartosia, N., Isaias, E., Philiotis, A., and Zodiatis, G.
Zooplankton monitoring in the South-Eastern Levantine basin
- 11:15-11:30 Shiganova, T., and Nival, P.
Assessment of the main drivers of the Black Sea ecosystem functioning
Mnemiopsis leidyi and *Beroe ovata* impact on the Black Sea ecosystem. Modelling approach.
- 11:30-11:45 Tagliatela, S., Navarro, G., Fernandez de Puelles, M.
Zooplankton size-spectra and taxonomy in a west-east trophic gradient at the Alborán Sea

11:45-12:00 Moutsopoulos, A., Christou, E.D., Zervoudaki, S., Frangoulis, C., Siokou-Frangou, I., Zoulias, Th.

Copepod rates in the North Eastern Aegean Sea using a Lagrangian approach.

12:00-12:15 Raitsos, D., Beaugrand, G., Georgopoulos, D., Zenetos, A., Pancucci-Papadopoulou, A.M., Theocharis, A., and Papanthassiou, E.

Global climate change amplifies the entry of tropical species into the Eastern Mediterranean Sea

12:15-14:00 *Lunch*

Chair: Javier Ruiz

14:00-14:15 Macías, D., Catalán, I.A., Solé, J., Morales-Nin, B., and Ruiz, J.

A combined data analysis and modelling approach to study atmospheric-induced variability on anchovy ecological behavior in Mediterranean entrance (NW Alboran Sea).

14:15-14:30 I. Catalán, D. Macías, J. Solé, J. Ruiz, J. Tintoré, B. Morales-Nin

Inferring early life history dynamics of European anchovy using a coupled hydrodynamic-NPZD-IBM model in the Alboran Sea

14:30-14:45 Politikos, D., Triantafyllou, G.

Modelling the bioenergetics-based population dynamics of anchovy (*Engraulis encrasicolus*) within a lower trophic ecosystem model

14:45-15:00 Libralato, S., Arneri, E., Bahamon, N., Coll, M., Cossarini, G., Morello, E.B., Palomera, I., Santojanni, A., Solidoro, C.

Quantification of climate change and fishing impact effects on the North-Central Adriatic food web using an End-to-End approach

15:00-15:15 Kasapidis P., Matheaki M., Zervoudaki S., Mazzocchi M.G., Siokou-Frangou I., de Olazabal A., Stefanova K., Altukhov D. and Frangoulis C.

Genetic study of *Paracalanus parvus* from the Mediterranean and the Black Sea, using mitochondrial DNA sequences

15:15-15:30 Auger, P.A., Ulses C., Diaz, F., and Estournel, C.

Interannual to decadal variability of the planktonic ecosystem in the northwestern Mediterranean

15:30-15:45 Boero, F. and Prontera, E.

A gelatinous future for the Mediterranean Sea?

15:45-16:15 *Coffee*

16:15-16:30 Kogovšek, T., Tinta, T., Turk, V., Malej, A.

Trophic ecology of selected scyphozoan jellyfish in the coastal waters

16:30-16:45 Ruiz, J., Prieto, L., and Astorga, D.

Modelling the outbreak of jellyfish in a Mediterranean coastal lagoon

16:45-17:00 Prieto, L., Astorga, D., Navarro, G. and Ruiz, J.

The jellyfish *Cotylorhiza tuberculata*: connections to the physical environment

- 17:00-17:15 Astorga, D., Prieto, L., Ruiz, J.
New ecological aspects of early life stages of *Cotylorhiza tuberculata*
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- 17:15-17:30 Malej A., Kogovšek, T., Ramšak, A., Siokou-Frangou, I., and Zervoudaki, S.
A collective rhythm of Discomedusae (Scyphozoa) outbreaks in the Mediterranean?
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- 17:30-18:00 *General Discussion*
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Friday 8 April 2011

Chair: Michalis Skourtos

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- 9:00-9:15 Kontogianni, A., Papageorgiou, E., Zannou, B., Castilla, D., Adaman, F., Melikidze, V., Salomatina, L., Papathanassiou, E., Skourtos, M.
Assessing perceptions of environmental futures through Fuzzy Cognitive Mapping: A case study with Mediterranean and Black Sea stakeholders
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- 9:15-9:30 Remoundou, K., Adaman, F., Koundouri, P., Nunes, P.
Are Stated Preferences Sensitive to Funding Sources? A Tax Reallocation Scheme to Value Marine Restoration in the Black Sea
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- 9:30-9:45 Langmead, O., and Mee, L.
SESAME Scenarios: socio-economic and policy alternatives for Southern European Seas
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- 9:45-10:00 García del Hoyo, J.J., Castilla Espino, D.
Northern Alboran Sea Anchovy Fishery Scenarios for the Next 50 Years
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- 10:00-10:15 Kontogianni A., Emmanouilidis, Ch., Machleras, A., Zannou, B., Serrat, P., Adaman, F., Panayotou, Th., Streftaris, N., Boero, F., Galil, B., Skourtos, M.
A choice modelling approach in valuing the preservation of critical marine habitats, risk of jellyfish outbreaks and mitigation of invasive species in Levantine and W. Mediterranean
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- 10:15-10:30 Tsitakis D, Kontogianni, A., Emmanouilides, Ch., Skourtos, M.
Key factors in supporting native biodiversity and resilience of marine ecosystems: Application of Stated Preferences techniques for valuing preservation of critical habitats and mitigation of alien species in Greece
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- 10:30-10:45 Recent evolution of Anchovy Fishery Fleet Capacity in North-eastern Black Sea.
Castilla Espino D., García del Hoyo J., Metreveli M., Bilashvili K.
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- 10:45-11:00 Melikidze, V.
Developing the Georgian Black Sea Coastal zone - problems of functional discrepancy
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- 11:00-11:30 *General discussion*
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POSTERS

- 1 Arashkevich E., Chasovnikov V., Mosharov S., Nikishina A., Pautova L., Zatsepin A. The NE Black Sea coastal ecosystem: Spatio-temporal features in 2007-2009 (SESAME WP3)
- 2 Del Negro, P., Celussi, M., Gallina, A.A., Giani, M., Monti, M. Structure of the heterotrophic microbial community along the Adriatic Sea
- 3 Fach, B.A., Oguz, T., Salihoglu, B. Modelling the influence of hydrodynamic processes on anchovy distribution and connectivity in the Black Sea
- 4 Giani, M., Arashkevich, E., Berto, D., Cerrati, G., Delfanti, R., Karageorgis, A., Kovacevic, V., Krasakopoulou, E., Lipizer, M., Pagou, K., Rampazzo, F., Mosharov, S., Salvi, S., Tugrul, S. Particulate organic matter distribution in different areas of the Mediterranean and Black seas
- 5 Jorda, G., Marba, N., Duarte, C. Future trajectories of *Posidonia oceanica* abundance under Climate Change scenarios. Implications for carbon sequestration in the Mediterranean Sea.
- 6 Lemeshko, E.M. Assessment of water balance components for the Black Sea and river basins by the Grace data
- 7 Luchetta, A., Cantoni C., Catalano G., Cozzi S. Carbonate chemistry dynamics and saturation states of calcium carbonate in the surface waters of the Adriatic Sea
- 8 Moncheva, S., Stefanova, K., Shtereva, G., Slabakova, N., Mavrodieva, R., Krastev, A., Hristova, O., Dzhurova, B., Slabakova, V. On the recent features of chemical and biological regimes in the Western Black Sea ecosystem
- 9 Mutlu, E. Distribution and probable factors explaining patchiness of *Mnemiopsis leidyi* in the Black Sea
- 10 Quéguiner, B., Girault, M., Leblanc, K., Beker, B. Evolution of the phytoplankton communities in the Bay of Marseille, 1996-2007
- 11 Rampazzo, F., Berto, D., Giani, M., Langonec, L. Humic contribution to sedimentary organic matter in the Adriatic Sea
- 12 Ras, J., Claustre, H., Xing, X., Uitz, J. Phytoplankton pigment distribution across the Mediterranean Sea during spring and autumn 2008.
- 13 Santinelli C., Zeri C., Berto D., Gasparini G.P., Giani M., Kioroglou S., Kovačević V., Lavezza R., Rampazzo F., Schroeder K., Tsoliakos D. DOC dynamics in the Mediterranean Sea during Spring and Fall 2008. Results from the SESAME cruises
- 14 Stefanova, K., Kamburska, L. Long-term shifts of mesozooplankton community in the Western Black Sea (Galata transect, Bulgarian coast)
- 15 Vasiliu, D., Gomoiu, M-T., Boicenco, L., Lazar, L., Timofte, F. Time fluctuation of surface chlorophyll a in the Romanian near shore waters
- 16 Moutsopoulos A., E.D. Christou, S. Zervoudaki, C. Frangoulis, A. Pavlidou, I. Siokou-Frangou, Th. Zoulias Vital rates of the copepod *Clausocalanus furcatus* in a coastal area (Saronikos Gulf, Aegean Sea, Greece)

- 17 Carlotti, F., Qiu, Z., Doglioli, A., Marsaleix, P. The influence of hydrodynamic processes on zooplankton transport and distributions in the north western Mediterranean Sea estimated from a Lagrangian model
- 18 Carlotti, F., Espinasse, B., and Nerini, D. Spatio-temporal variability of marine pelagic copepod populations in the Gulf of Lion
- 19 Neffati N., Carlotti F. Temporal study of the egg production rates of two dominant calanoid copepods (*Centropages typicus* et *Temora stylifera*) in the bay of Marseille in 2009 and 2010
- 20 Nowaczyk, A., Carlotti, F., Thibault-Botha, D. Zooplankton abundance, biomass and metabolic rates along an eastern and western basin transect in the Mediterranean Sea.
- 21 Gogou, A., Krasakopoulou, Tugrul, E., Yucel, N., Pavlidou, A., Sert, F.M., Papathanassiou, E. Dissolved and particulate C, N and P in the SW Black Sea, Marmara Sea and the NE Aegean Sea: production and cycling
- 22 Delfanti, R., Conte, F., Salvi, S., Schirone, A., Papucci, C., Borghini, M., Schroeder, K., Cardin, V., Kovacevic, V., Oszoy, E., Kaberi E., Tsabaris Ch. ¹³⁷Cs distribution, mass-balance and future trends in the Mediterranean Sea.
- 23 Gertman, I., Lunun, I., Katsenelson, B., Ozer, T., V. Belokopytov, A. Ingerov, A. Khaliulin, S. Pesant Multidisciplinary marine databases for SESAME EU project
- 24 Shtereva G., Krasakopoulou E., O. Hristova, B. Dzhurova Particulate organic matter distribution in Western Black Sea
- 25 Van Wambeke F., U. Christaki, A. Talarmin, P. Catala, A. Lagaria, J. Ras, P. Lebaron Bacterial heterotrophic production and biomass across Mediterranean Sea, in relation with primary production, chlorophyll biomass and bottom-up controls
- 26 Moutin, T., F. Van Wambeke & L. Prieur The Mediterranean Sea as a typical low-P low-chlorophyll oligotrophic system: overview and results of the BOUM experiment
- 27 Pantazi M., Raitzos E.D., Fernandez de Puellas M.L., Gorsky G., Siokou I., Tsiaras K., Triantafyllou G. Zooplankton alterations and climate change in the Western Mediterranean Sea
- 28 Tugrul, S., Murray, J.M., Friederich, G.E., Salihoglu, I. Long-term Changes in the Black Sea Upper Layer Chemistry
- 29 Tugrul, S., Akoglu, G.A., Uysal, Z., Yücel, N., Erdogan, E., and Sert, M.F. Effect of riverine and domestic discharges on the biogeochemical properties of Mersin Bay ecosystem (Northeastern Mediterranean)
- 30 Terbiyik, T., Ak Örek, Y., Uysal, Z., Polat, S. Abundance, Biomass and Size Composition of Mesozooplankton Communities in the Cilician Basin

PhD POSTERS

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