

- 1) List of published or submitted scientific papers in journals, workshops, conferences, symposia etc.

Briceag, A., Stoica, M., Oaie, G., Melinte-Dobrinescu, M. C., 2012. Late Holocene microfaunal and nannofloral assemblages of the NW Black Sea. *Geo-Eco-Marina* 18, 65–73 (SCOPUS INDEX JOURNAL)

Melinte-Dobrinescu, M., Ion, G. 2013. Calcareous nannofloral fluctuation in the recent sediments of the Black Sea, a tool for environmental changes. *RCMNS 14th Congress, Istanbul 2013. Neogene to Quaternary Geological Evolution of the Mediterranean, Paratethys and Black Sea*. Oral communication (accepted).

Briceag A., Ion G., Stoica, M. Oaie, G. 2013. Fluctuation in ostracod assemblages in the NW Black Sea. *RCMNS 14th Congress, Istanbul 2013. Neogene to Quaternary Geological Evolution of the Mediterranean, Paratethys and Black Sea*. Oral communication (accepted).

Teaca A., Begun T., Gomoiu M.-T., 2013. Assessment of soft bottom mussel community structure on the Romanian Black Sea continental shelf. *40th CIESM Congress – Marseille, France, 28 October - 1 November 2013*. Accepted communication

2) A description (i.e., a short summary) of your scientific activities within all tasks and subtasks you are participating. This may include the data you 've provided to COCONET, any relevant analyses, methods, tools, models etc. Please highlight any significant results of your work.

Desk based research conducted

- **Bathymetry of Black Sea Romanian sector: compilation of GeoEcoMar data collected in the last 30 years;**
- **Organizing database for wind, waves, water and air parameters at the offshore rig Gloria (2003-2010 years);**
- **Digitizing and compilation of relevant existing information for habitat mapping, the Romanian and Ukrainian part of the Black Sea and (files delivered through Progeta: classification of the benthic communities for the entire Romanian part of the Black Sea, Bacescu et. al. in 1971, and the spatial dynamics of Phyllophora Field from 1950 to 1980, together PF MPA and with the planned sampling points for the PF , see images below); these information will be used for further spatial analysis**
- **Analysis of macrobenthos – taxonomy and abundance of this group of organisms in the Black Sea Offshore Zone - Sf. Gheorghe (data from cruise 2012 – provided with the research vessel *Mare Nigrum* of GeoEcoMar);**

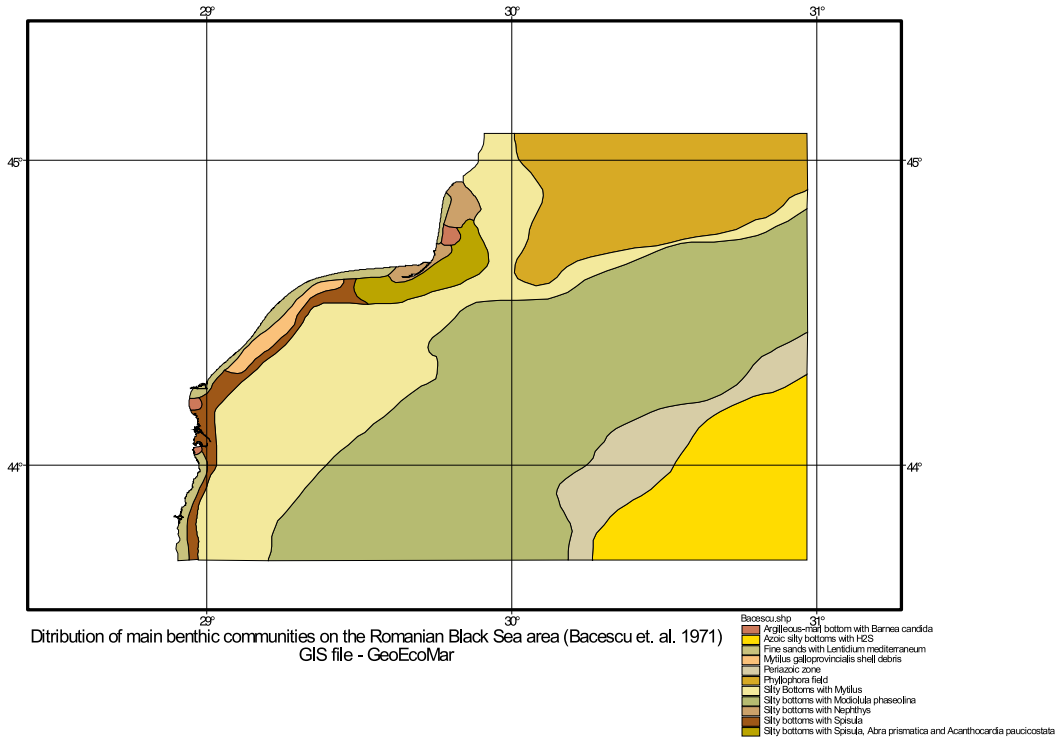


Fig. 1

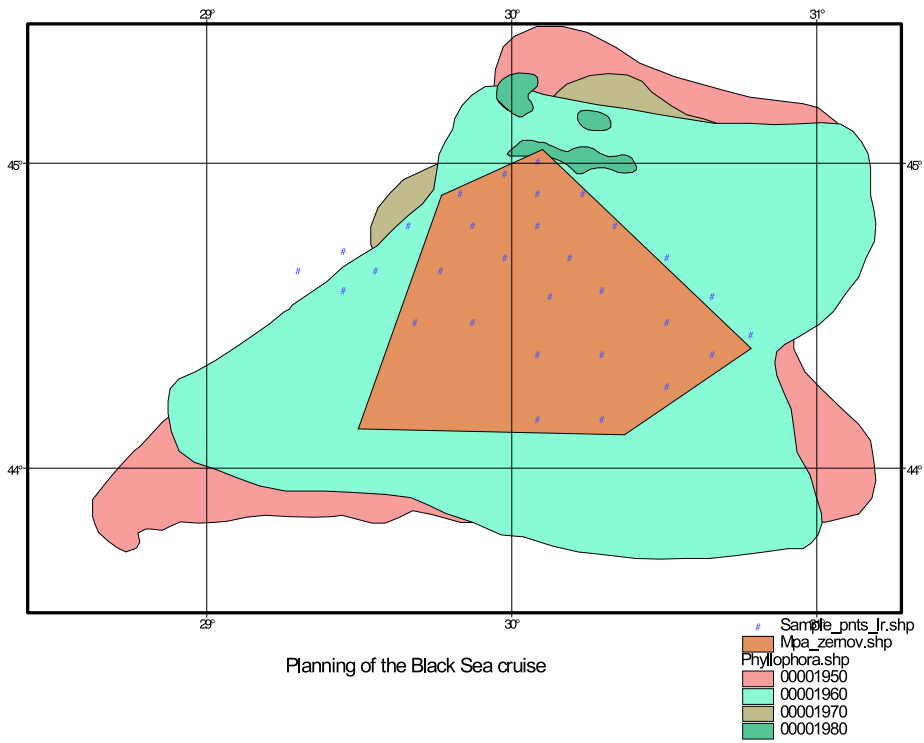


Fig. 2

- Analysis of microbenthos and microplankton - taxonomy and abundance of these groups of organisms in the Black Sea Offshore Zone - Sf. Gheorghe (data from cruise 2012 – provided with the research vessel *Mare Nigrum* of GeoEcoMar);

Workshops/virtual workshops (organised or attended)

ATTENDED WORKSHOPS/SUMMER SCHOOL/SCIENTIFIC CRUISES BY GEOECOMAR 2012-2013

- Kick off Meeting of COCONET (Rome, 27-28 February 2012) – 2 participants from *GeoEcoMar* (Mihaela Melinte-Dobrinescu and Adrian Stănică)
- Workshop D2.1 Workshop on Habitat classification schemes in deep and shallow water areas Lecce 15th -16th of May 2012 – 2 participants from *GeoEcoMar* (Gabriel Ion and Tatiana Begun)
- Summer School “Introduction to meta-analyses in ecology”, held in Perpignan at the CRIOBE, University of Perpignan, France, from June 25th to July 1st 2012. - 3 participants from *GeoEcoMar* (Andrei Briceag, Mihaela Muresan and Andrian Teacă)
- First Joint Pilot Projects Meeting (Istanbul, 16th - 17th July 2012) – 3 participants from *GeoEcoMar* (Mihaela Melinte-Dobrinescu, Tatiana Begun and Silviu Rădan)
- VIRTUAL Focused Workshop: Existing EU protocols and standards for data and metadata sharing, rules for dataflow between partners and design of COCONET Data Model V D 8.2 D 9.1 Lead: Federica Foglini and Devrim Tezcan 23-30 of July - 1 participant from *GeoEcoMar* (Gabriel Ion)
- VIRTUAL Focused Workshop: Socio-economic Impacts of Networks of Marine Protected Areas, 17-24 September 2012, within the FP7 COCONET project - 2 participants from *GeoEcoMar* (Tania Begun and Adrian Teacă).
- VIRTUAL Focused Workshop: COCONET VWS Best Practices for the Management of MPAs Network Monitoring and Management Effectiveness, 5-16 November, 2012 with materials regarding “State of Art in general for MPAs Networking worldwide and Main Benefits and Limitations of MPA” - 2 participants from *GeoEcoMar* (Tania Begun and Adrian Teacă).
- 1st CoCoNet General Assembly (Rome, 29-30 January 2013) - 5 participants from *GeoEcoMar* (Mihaela Melinte-Dobrinescu, Adrian Stănică, Gabriel Ion, Andrei Briceag and Adrian Teacă)
- Scientific cruise CoCoMAP13 in the Mediterranean Sea aboard the Research Vessel *Urania* from May 22nd to June 3rd 2013. 1 participant from *GeoEcoMar* (Andrei Briceag)

Field work conducted

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Desk based research planned for the next 12 months

- **Bathymetry of Black Sea Romanian sector: in order to provide the vector file (as shape file) and grid file, we still need to work on, in order to normalize the information, mainly in the coastal area.**
- **Organizing database for wind at the seashore Sulina station – Danube mouth, Sulina branch (data for the last 15 years).**
 - **Organizing database for macro and microbenthos – Romanian part of the Black Sea**
 - **Biological analysis (qualitative and quantitative)**

Field work planned for the next 12 months

Cruise with Mare Nigrum research vessel in Zernov's *Phyllophora* field – one of the Black Sea Pilot Sites

Workshops/virtual workshops planned for the next 12 months

Participation in:

- **2nd Joint Meeting of Pilot Projects – Odessa, July 2013;**
- **RCMNS Congress Istanbul 2013;**
- **Summer School COCONET Constanta September 2013;**
- **40th CIESM Congress Marseille, 2013;**
- **2nd General Assembly COCONET 2014,**

and

- **virtual workshops that will be organised in the frame of COCONET the next 12 months.**

Relevant deliverables completed

A – The raster version of the bathymetry of Black Sea Romanian sector (GeoEcoMar data, georeferenced in geographic coordinates). This bathymetry is a compilation of GeoEcoMar data collected in the last 30 years (Delivered to WP9)

B – Gloria offshore Rig Romania (latitude: 44 35 59.7 E longitude: 29 21 32.2 N) years 2003-2010 – database. Data for wind, waves, water and air parameters at the offshore rig Gloria (2003-2010 years). The wind has been measured at 36 m above MSL. (Delivered to WP5)

C - Taxonomy and abundance of the macrobenthos in the Black Sea Offshore Zone - Sf. Gheorghe (data from cruise 2012 – provided with the research vessel *Mare Nigrum* of GeoEcoMar); (Delivered to WP2)

D – Work plan regarding the scientific cruise in Zernov’s Phyllophora field - Black Sea Pilot Site (Delivered to WP10)

· Relevant deliverables due within the next 12 months

- **Data for wind onshore Black Sea – Sulina station, Romania (WP5)**
- **Analysis of legislation - identification of the coastal and marine protection/management strategies to be tested with multiple criteria decision analysis models (WP6)**
- **Providing the vector file (as shape file) and grid file for the bathymetry of Black Sea Romanian sector (WP9);**
- **Report of the field work that will be performed in the Black Sea pilot area (WP10)**

Any additional work that may be relevant to COCONET WP10

For fieldwork do not forget to include specific information:

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Locations of survey sites

· Preliminary results (if available)

3) Please take into consideration to declare explicitly if you are in line with the proposed time-schedule. If there are any deviations (or if you foresee any) please explain the reason for these and their potential impact on other tasks. Do not underestimate this issue since it is very important for the project evaluation process. Please emphasize on the degree of achievement of project objectives. If applicable, propose corrective actions as regards objectives, tasks, and subtasks and the associated methods, tools, etc.

- Proposed cruise in UKRAINIAN waters with the R/V *Mare Nigrum* is scheduled 6 days in August 2013. As the approval of the Ukrainian authorities is not arrived yet to the Romanian authorities it is possible to postpone this cruise.

Another option is to change the pilot site and to realise the cruise into the Romanian part of the Black Sea; Romanian scientists reported the Phyllophora Field - PF recovered towards its southern extension; an interesting approach could be to map the southern limit of PF (see figure 1) ; another option could be to change the pilot site from PF to the transition zone from oxic to anoxic environment in the area of Viteaz Canyon incision into the sea bottom.

4) Presentations, lectures and every dissemination activity related with WP10 and COCONET. This issue may include, apart from your scientific activities, educational activities also, as e.g.

a. presentations and lectures at schools, universities etc,

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b. interviews in newspapers, tv, radio, magazines, internet etc.,

1 – Interview at Radio Romania Cultural - Mihaela C. Melinte-Dobrinescu about the launch of the COCONET Project – 25th of February 2012

2 – Interview at Radio Romania Cultural - Mihaela C. Melinte-Dobrinescu and Adrian Stănică – 1 hour 11th of March 2012 about various aspects of the Black Sea (i.e., geology, biology, bathymetry, resources and COCONET tasks)

c. presentations, seminars to the general public, stakeholders, etc.,

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d. organization of relevant workshops,

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5) All sort of present and future attempts for collaboration between COCONET partners and mainly with external stakeholders, SMEs and policy makers. This issue might sound a general request but please do not underestimate it.

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6) Description of projects or submitted proposals arising from or connected/related to COCONET at national and international level.

Submitted Project at the National Competition of the Romanian Scientific Authority Parteneriate 2013 “Natural and technological hazards in the Romanian part of the Black Sea” – Project Director Gabriel Ion

7) A statement on the use of resources, in particular highlighting and explaining deviations between actual and planned person-months per work package and per beneficiary in Annex 1 (Description of Work).

Resources have been used as it was scheduled; no deviations between actual and planned person-months per work package or among budget categories have been made.