



## Black Sea Horizon International Workshop

### The Resource Efficiency and Environment - Black Sea Region Challenges

Identifying Perspective Areas of S&T Cooperation between the European Union and the Black Sea Region in Resource Efficiency and Environment (related to water systems)

Tbilisi, Georgia  
22 March 2016

Venue: Hotel Kalasi, Conference hall (25 Kote Apkhazi str.)

### Agenda

- 9.30 – 10.00 **Registration**
- 10.00 - 10.20 **Welcomes & Introduction to the Workshop**  
*Parliament of Georgia – Temur Maisuradze, Chairman of Innovation Council of the Georgian Parliament, Member of Parliament*  
*Ministry of Education and Science of Georgia – Tamaz Marsagishvili, Deputy Minister*
- 10.20 – 10.40 **Presentation of Black Sea Horizon project: identifying priorities for S&T cooperation between the EU and the Black Sea region countries**  
*Georgia Chantzi, Research Fellow, International Centre for Black Sea Studies (ICBSS, Greece)*
- 10.40 – 11.00 **Presentation of DANUBIUS Project**  
*Michael Schultz, Coordinator – DANUBIUS-RI Project, Senior Adviser - Romanian National Research and Development Institute for Marine Geology and Geoecology (UK)*  
*Stanica Adrian, PhD, Scientific Director of GeoEcoMar, Coordinator of the DANUBIUS-RI, Romania*
- 11.00 - 11.20 **Coffee Break**
- 11.20 – 15.00 **Round Table – 1<sup>st</sup> session**  
**Identifying perspective areas of S&T cooperation between the EU and the Black Sea region in Resource Efficiency and Environment (related to water systems)**  
**Topic 1: Riverine systems in the Black Sea Region (ecological status, morphology, human impact, water quality);**  
**Topic 2: Coastal zones: morphodynamic changes, degradation, stability, technogenesis-related morphodynamic changes in the coastal zones and their impact on the coast stability and coast degradation;**



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**Moderator: Georgia Chantzi**, *Research Fellow, International Centre for Black Sea Studies (ICBSS, Greece)*

**11.30 – 11.40** **Towards a Black Sea Coastline Classification Based on GIS for Assessment of Coastal Zone Risks and Planning Solutions**  
*Hristo Stanchev, PhD, Institute of Oceanology, Bulgarian Academy of Sciences, Varna, Bulgaria*

**11.40 – 11.50** **Influence of the Coastal Zon Technogenezis-related Changes on the Coast Development**  
*Vakhtang Gvakharia, Expert, Scientific Research Firm Gamma / A. Janelidze Institute of Geology, Georgia*

**11.50 – 12.00** **The Means of Discontinuation of the Black Sea Coast Degradation and Provision of Its Sustainable Development**  
*Irakli Papashvili, Leader of Marine Survey Group, GAMMA Consulting, Georgia*

**12.00 – 12.10** **Development of the River Deltas of the Black Sea East Coast**  
*G. Lominadze, PhD, Head of Department of Geomorphology and Geoecology, Vakhushti Bagrationi Institute of Geography, Javakhishvili State University*  
*G. Kavlashvili, Vakhushti Bagrationi Institute of Geography, Georgia*

**12.10 – 12.20** **The impact of the PERSEUS (FP7) Research Project on the Black Sea region**  
*Christos Ioakeimidis, Research Associate, Hellenic Centre for Marine Research (HCMR), Institute of Oceanography, Greece*

**12.20 – 12.30** **The outcomes of FP7 DANCERS project as guidelines for the BSH later stages**  
*Stanica Adrian, PhD, Scientific Director of GeoEcoMar, Coordinator of the DANUBIUS-RI, Romania*

**12.30 - 12.40** **The Sea of Azov – Black Sea Basin within the system of Large Marine Ecosystems**  
*Gennady Matishov, Director, Murmansk Marine Biological Institute, Chairman, Southern Scientific Centre, Russian Academy of Science, Russia*

**12.40 – 13.30** *Questions and answers, discussion*

**13.30 - 14.30** **Lunch**

**Round Table – 1<sup>st</sup> session**  
**(Continuing)**

**14.30 – 14.40** **Determination of Hot Spots along Black Sea Coasts of Turkey & Hot Black Sea Project**  
*Gulsen Avaz, Chief Senior Researcher, TUBITAK-Marmara Research Center, Environment Institute, Gebze, Turkey*

**14.40 – 14.50** **Improvement of predictive models of the dynamics of natural and natural-economic systems in the transition zone "land-sea" within the borders of the Black Sea region countries**  
*Vladimir Iemeljanov, First Vice-Chief Scientific Secretary of National Academy of Sciences, Chief Scientist of the Institute of Geological Sciences of NAS, Ukraine*

**14.50 - 15.00** *Questions and answers, discussion*

**15.00 – 16.30** **Round Table – 2nd session**

**Identifying perspective areas of S&T cooperation between the EU and the Black Sea region in Resource Efficiency and Environment (related to water systems)**

**Topic 3: Material exploitation and ecological impact in the Black Sea Region (water nexus, environmental impact on water bodies and systems).**

**Moderator : Elena Nasybulina**, *Lead expert at National Research University - Higher School of Economics (HSE, Russia)*

- 15.00 - 15.20** **Current state of surface waters' quality monitoring in Armenia and related issues**  
*Vardan Asatryan*, PhD, researcher, Institute of Hydroecology and Ichthyology of SCZHE of National Academy of Sciences, Armenia
- 15.20 – 15.30** **Environmental Impact of Floods in the Kura and Araz Rivers**  
*Islam Mustafayev*, PhD, Head of Laboratory Institute of Radiation Problems, National Academy of Sciences of Azerbaijan
- 15.30 - 15.40** **Food web gradients: quantifying human impact on ecosystems**  
*Ferenc Jordan*, scientific advisor, Danube Research Institute, Centre for Ecological Research, Hungarian Academy of Sciences, Hungary
- 15.40 – 15.50** **On the participation of research institutions from Moldova in the Black Sea Program**  
*Elena Zubcov*, Head of Laboratory of Hydrobiology and Ecotoxicology, The National Council on Accreditation and Attestation, Moldova
- 15.50 – 16.00** **Caucasus Ecoregional Ecological Problems**  
*Valery Shmunk*, Head of Northern Caucasus Regional Office, WWF, Russia
- 16.00 – 16.30** *Questions and answers, discussion*

**16.30 – 17.00** **Coffee break**

- 17.00 - 18.00** **Report on identified perspective areas of S&T cooperation between the EU and the Black Sea region in Resource Efficiency and Environment (related to water systems)**  
*Georgia Chantzi*, Research Fellow, International Centre for Black Sea Studies (ICBSS, Greece)  
*Elena Nasybulina*, Lead expert at National Research University - Higher School of Economics (HSE, Russia )  
**Discussion, summing up, next steps**

**18.00** **Closure**

**19.00 – 21.00** **Dinner** (Venue to be announced)

**Working language:** English