

Annotation
of subject of presentation by
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Ukrainian scientists propose several research topics of mutual interest for research, technology and innovation cooperation among the EU Member States, Horizon 2020 Associated Countries and countries of the Black Sea region (preparing for further uptake in Horizon 2020, and future bi- or multilateral joint calls.

Here are the names of some topics that take into account the subject of the seminar "Resource efficiency and environment - Black Sea Region Challenges" :

1. The tendencies of development and dynamics of ecosystems of coastal zones and water bodies in the Black Sea region during the Holocene, and the risks associated with the global climate changes and exploration of their resources for human and environment.

2. An impact of natural and anthropogenic factors on the peculiarities of the structure and functioning of ecological systems in the transition zone "land - sea" of the Black Sea region from the Nativity of Christ to the present time

3. An impact of water geoecosystems (river mouths, estuaries, lagoons, shelves, etc.) Coastal Black Sea countries on the health of the population, and its manifestation in the socio-economic development of the region.

4. Investigation of influence of natural and anthropogenic factors on the features of the structure and functioning of the geoecological systems in the transition zone "land - the Black Sea" ((within the borders of the countries of the Black Sea region.

The main objective of the proposed topics is to improve 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 to propose measures aimed at ensuring the harmonious development of these systems, including human

Over ten well-known scientific research institutes and other organizations of Ukraine are ready to participate in research on these topics