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Assessment of integrated coastal zone management in the Sea of Marmara

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Coastal zones are critical areas with their cultural values along with their specific ecological features. Especially by the means of minimizing the environmental pressure on the coastal zones, regarding the conservation and productive use balance, improving the ecological planning approaches is crucial in terms of maintainability of these critical areas. Marmara Region is one of areas of Turkey where industrialization and urbanizing take place the most. Therefore, the Marmara Sea coastal areas face with the problem of massive industrialization and urbanization. Integrated coastal zone management notion emerging from need of usage of coastal zones in the developed countries is an important development for the favorable and useful maintainability of the coasts. All coasts are under environmental pressure and it can be said that it is performed in only a certain number of developed countries. Coastal zones of Turkey are mostly considered as source of income rather than for human benefit. Unfettered usage of activities such as port activities, fishing, transportation, storage, tourism, nuclear power station, socio-cultural activities etc. in the coasts are causing the coasts to fall into ruin in a short span of time. As a result of this rapid and haphazard urbanizing, ecological balance of the sea is exposed to a great deal of deterioration. That reduce in the amount of the oxygen to the minimum level in the interface of Marmara Sea became a threat for the living being-environment relation. What it must be done is to benefit from the unutterable advantages of coasts with the help of modern technology, without damaging ecological environment or minimizing the damage, according to the human needs. All kinds of factors which may cause pollution for maintainable usage of coastal and sea zones must be monitored. In a study conducted, evaluation of integrated coastal zones in Marmara Sea was carried out and problems were profoundly included.

Recent Publications

1. Garipoglu Nuriye and Uzun S Murat (2014) Use of coastal zones in coastal areas in Izmit Bay. Turkish Geography Magazine, Istanbul, Turkey, copy:63 9-22.
2. Naycı Nida (2009), Mass tourism in coastal areas: transformation of coasts within the context of development plan and historical natural environments, social sciences institute magazine, Mugla University, Mugla, Turkey, copy:22
3. Celik Kemal, (2015) The importance of shore edge line in planning the coastal zones, Universal engineering studies magazine, Gumushane, Turkey, book 2, copy:1
4. Kaya H., Aydin A.F, Ertek T. A, Yucel Z.Y., Gazioglu C., (2010), "Storage Shore Example in terms of coastal zone management and planning", VIII. National Conference of Marine and coastal zones of Turkey, ss:1067-1075.
5. Burak Z S (2008) Integrated fresh water sources and coastal zones management. Coasts of Turkey, Ankara, Turkey, ss.35

Biography

Abdullah Bayraktar is a Master student at Istanbul University, Institute of Marine Sciences and Management. He completed his Bachelor's degree in the field of Business Administration. He takes notice the constructive criticism and evaluations with self-confidence and open to improve. His being visionary displays the researcher side of him. His fundamental principles are common sense and equalitarian approach.

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