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3RD INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY

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BOOK OF ABSTRACTS

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Marine Litter: Is that a new habitat for benthic fauna?

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Abstract:

Marine litter is a global problem, negatively impacting wildlife. They are mostly consisting of plastic. Litter find in all marine habitats, from surface down to the deep sea where litter degradation is a much slower process. In usually, trawlers were used to determine litter abundance on the seafloor. Marine litter can break, smother, and otherwise damage important marine habitat, such as reefs, marine canyons. Many of these habitats serve as the basis of marine ecosystems and are critical to the survival of many other species. However, they host many marine speices and provide nesting area.

A total of 74 hauls were carried out seasonally (June 2014 - September 2015) in the northeastern Levantine Sea from 20 m to 450 m depth. In additions, we obtained incidentally marine litter by using deep-sea longline between 700-900 m depth in the northern Aegean Sea.

A lot of marine litter of the countries on the Mediterranean coast are dragged into the Gulf of Iskenderun and its around (the northeastern Levantine Sea), and at the same time the ships coming from different countries pumped the bilge water to the Gulf. The pollution problems of the Iskenderun Gulf are increasing every year.

Marine litter was present in all stations in the northeastern Levantine Sea. We found it alive on almost all the pieces of marine litter. A total of 28 solid waste materials were collected in depth of the northern Aegean Sea. Although the marine litters were found great depth, a total of 34 specimens belong to 12 speices were identified.
This paper presents marine biota on the marine litter obtained during the surveys. For the sustainable ecosystem, all effects (negative or positive) caused by marine litters should be known.

Keywords: Marine Litter, Northern Aegean Sea, Iskenderun bay

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To: Onur Gönülal
Subject: ICOEST 2017 Acceptance Letter
Date: 01/Aug/2017

Dear **Onur Gönülal**,

The 3rd International Conference on Environmental Science and Technology (ICOEST) is pleased to inform you that your paper entitled **"MARINE LITTER: IS THAT A NEW HABITAT FOR BENTHIC FAUNA?"** has been accepted for poster presentation at the ICOEST 2017 conference. This decision is made based on a double - blind peer review process. The conference will be held in Budapest, Hungary between 19-23 October, 2017.

Authors of accepted papers are invited to register, make payment, attend and present their research paper at one of the conference sessions.

On behalf of the organization committee I would like to congratulate you. Looking forward to seeing you in Budapest at the conference.

Best Regards,

Prof. Dr. Özer Cinar

Conference Chair