

## **Environmental management strategies towards reducing the ecological footprint of Limassol port.**

Christos Erdas <sup>1</sup>, Dr Paris Fokaides <sup>2A</sup>, Christoforos Charalambous <sup>2</sup>

<sup>1</sup> Cyprus Port Authority

23 Crete Str., 1061 Nicosia, Cyprus

<sup>2</sup> School of Engineering and Applied Sciences, Frederick University,

7, Y. Frederickou Str., 1036 Nicosia, Cyprus

Sea ports are very complex systems related to a wide variety of environmental issues, the most important are the releases to water, air and soil, waste production, noise, and deepening amongst others. Furthermore, in port areas, several activities are carried out that may cause significant environmental impacts such as fisheries, industrial installations, storage of hazardous materials. Setting objectives and goals in terms of a complete plan for environmental management is of a great importance for sea ports.

The main objective of this study is to examine the environmental management strategies towards reducing the ecological footprint of Limassol port. In terms of this study, the most significant environmental aspects of the sea port in Limassol are identified and presented. An analysis of the main results of the calculation of the ecological footprint and carbon footprint of the Cyprus Ports Authority is presented, by applying the Ecological Footprint analysis methodology. This study aims to deliver a comprehensive methodology that links the results of ecological footprint analysis with the environmental targets and objectives of an ISO 14000 environmental management system.

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<sup>A</sup> **Corresponding Author: Tel. +357 22 394394**  
**E-mail: [p.fokaides@frederick.ac.cy](mailto:p.fokaides@frederick.ac.cy) (Paris A. Fokaides)**