

## Marco Pesce



### Affiliation

Department of Environmental Sciences, Informatics and Statistics – Ca' Foscari University of Venice (Italy).

### Background

Marco Pesce holds a PhD in Environmental Sciences from the Ca' Foscari University of Venice. His doctoral dissertation focused on the development and application of an integrated modelling methodology to assess the impacts of nutrients on aquatic ecosystems under the effects of climate change. Currently, he is a postdoctoral researcher at the Department of Environmental Sciences, Informatics and Statistics at the Ca' Foscari University of Venice. He is also a certified auditor for ISO 9001 QMS, ISO 14001 EMS, ISO 50001 EnMS, and OHSAS 18001. During his academic years he has been involved in several European research projects (TIMBRE, 4FUN, GLOCOM and MEDIUM).

### Current Research

Marco's current research is devoted to the study of the implementation of environmental strategies for companies aiming to introduce sustainability into their corporate strategy. In the framework of MEDIUM, Marco will conduct an evaluation on the state of implementation of the ISO 14001 standards on environmental management in China, specifically in the industrial estates of selected case studies among the ones investigated in the project: Zhuhai, Hangzhou and Datong. Industrial zones are an important reality of many Chinese cities, and their environmental impacts have important repercussions on urban sustainability. The ISO 14001 standard provides a framework to implement, maintain, and improve an environmental management system able to identify and control the environmental impacts and to continuously improve the environmental performance of companies. Its application can help Chinese industrial estates to minimize their impacts in the face of worsening environmental problems. The study will focus on investigating the state of application, the reasons for seeking ISO 14001 certification, the perceived benefits and risks, and the critical factors and extent of difficulty in implementing ISO 14001 in the selected case studies.

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### MEDIUM

*New pathways for sustainable urban development in China's medium-sized cities*

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