KEYNOTE

MONTHLY

LECTURES



Food for Brain

season #2

EVERY MONTH…

ONE HOUR LECTURE…

ONE SPECIALIST…

ONE HOT TOPIC…

More information is available at

- IWWG website www.iwwg.eu
- IWWG Secretariat info@iwwg.eu

Lecture #1



13:00 CET



ENVIRONMENTAL SUSTAINABILITY OF INDUSTRIAL ACTIVITIES: EVOLUTION IN TIME

In the lecture the main key environmental problems concerning industrial activities are introduced: full sustainability and its compatibility with pollutants and greenhouse gases reduction, energy efficiency and sources, circular economy concerning materials and water. Different approaches useful for environmental protection are introduced concerning wastes, with reference to the adoption of prevention policies, the use of economic and financial tools, the fixation of rules. Applied treatments concerning waste emissions will be presented keeping into account the actual and future situation of different industrial activities with the objective to increase the environmental sustainability of applied processes in the short and long term.



EEA | Wilson 2010



Prof. Mariachiara ZANETTI

Technical University of Turin
Italy

Mariachiara Zanetti is a full Professor in Environmental Engineering at the Technical University of Turin (DIATI) since 2006 , where she also drives research activities. From 1/10/2008 till 1/10/2015 she was the Head of the Engineering Dpt. of Environment, Land and Infrastructures of DIATI and from 1/1/2012 till 30/9/2015 she was Member of the Academic Senate of DIATI. From 1/10/12015 till 30/9/2019 she was the Vice Head of the Engineering Dpt. of Environment Land and Infrastructures of DIATI.

She is Member of the World Economic Forum and Associate Member of the Third World Organization for Women in Science.

She has performed several research and institutional visits in the University of China, South Africa, Egypt, Korea, Chile, Ethiopia, Indonesia, USA, Brazil, Ecuador, Europe.

She is the environmental advisor of several national and international industries and she holds three patents on waste and water and wastewater treatments. From 2019 Prof. Zanetti is co-founder of a Start-up working in Environmental Biotechnology field.

Prof. Zanetti has (co-)authored over 300 refereed publications in ISI journals, congress proceedings and book volumes, 133 Scopus indexed.