

Prof. Eden MAMUT

Short resume:

**Present positions:**

Secretary General of the Black Sea Universities Network, Professor for Engineering Thermodynamics and Advanced Energy Systems and Director of the Institute for Nanotechnologies & Alternative Energy Sources at “Ovidius” University of Constanta, Romania.

**Main field of research:** Multi scale thermo-fluid modeling, Analysis and optimization of complex energy systems, Renewable Energy Sources, Multi Criteria & Multi Scale Methods on Sustainable Development, Sustainable Transport Systems.

**Main achievements:** 95 papers, 12 books (as author or editor), 2 registered patents (Germany), 3 registered patents (Romania).

**Affiliations:**

- Member in the European Technical Committee CEN/CLC/JTC 6 Hydrogen in Energy Systems since September 2019
- Member in the ECHA Expert Group on Nanomaterials, since April 2019
- Member of the Scientific Council of the International Centre of Heat and Mass Transfer, since 2008
- Member of the Technical and Scientific Committee of Romanian Association of Water, since 2013
- Chair of the Scientific Committee of the Cluster MEDGreen specialized on ecotechnologies and alternative energy sources, Romania, since 2015
- Chair of the Scientific Committee of Fuel Cell & Hydrogen – Joint Undertaking (FCH2JU), Brussels, 2015 - 2017

**Honors:**

- Honorary Professor at Zaporozhye National Technical University, Ukraine, 2015
- Honorary Professor at Crimean Engineering & Pedagogical University, Crimea, 2010
- Knight of the National Order “Star of Romania”, 2000