



Curriculum vitae Europass



Personal Informations

Name / Surname **Eneșca Ioan Alexandru**

Nationality Romanian

Gender Male

Current position **Professor**

Profesional Experience

2019 - present

Professor, Habilitated in Environmental Engineering

2013 - 2019

Asociated Professor

Teaching activities (courses and laboratories for the subjects: Advanced methods of water treatment, Environment and Society, Photovoltaic systems, Laboratory equipment and techniques, Chemistry of colloids and electrochemistry, General chemistry)

Research activities (Advanced wastewater treatment techniques, Hydrogen technology, Air decontamination, Photovoltaic cells, Ultra-transparent glazed surfaces with self-cleaning properties)

2014

Research stage

Tokyo University of Science, Japan

Research activities on advanced indoor air decontamination methods

2013

Research stage

Basel University, Switzerland

Research activities on tri-block polymers capable of adopting stable vesicular morphology and incorporating photocatalysts inside the vesicles for the treatment of waters from the pharmaceutical industry

2007 - 2013

Lecturer

Teaching activities (courses and laboratories for the subjects Nanomaterials, Renewable Energy Systems, Hydrogen Technology, Photovoltaic Systems, General Chemistry).

Research activities (Advanced Wastewater Treatment Technologies, Hydrogen Technology and Photovoltaic Systems).

2003

Research Stage

Technical University of Delft, Netherlands

Research activities on the development of nanostructured materials for hydrogen technology.

2002 - 2003

Research Stage

National Center for Scientific Research, Grenoble, France

Research activities on the development of superconductors

Education

2010 - 2012

Post-doctoral studies

Research activities regarding the development of photovoltaic cells adapted to climatic operating conditions

Transilvania University of Brasov

2003 - 2007

PhD

Specific research activities for the realization of the PhD thesis Nanostructured Materials for Hydrogen Technology

Transilvania University of Brasov

2003 - 2005

Master

Engineering and Management of Renewable Energy Systems

Transilvania University of Brasov

1999 - 2003

Bachelor Degree in Physics and Chemistry

**Member in International
Projects**

- [1] Comenius, 226362-CP-1-2005-1-RO-COMENIUS-C21, SEE - Eu Tool - Sustainable energy for high school education - an european training tool, 2005-2008, (218154 RON).
- [2] Leonardo da Vinci, Pilot project, RO/02/B/F/PP 141026, RES&EM ICT Tools – Renewable Energy Systems and Environment Management ICT Tools, 2002-2005 (110184 RON).