



Elena Cristina Rada's Short CV

WORK EXPERIENCE

Post-doctoral research activity (2006 – present):

University of Trento, Department of Civil Environmental and Mechanical Engineering-DICAM, Trento, Italy, <http://www.unitn.it>

Insubria University, Department of Sciences and Applied Technologies, DiSTA, Varese, Italy, <http://www4.uninsubria.it>

Topics:

Research and modeling of environmental issues, safety and reliability in terms of critical exposure to organic pollutants. In particular, • odour pollution, human health.

Research and modeling of environmental issues, safety and reliability in terms of air pollution and waste management with energy recovery. In particular: Waste selective collection; Municipal solid waste and biomass biodrying; Biostabilization of waste organic fraction; Anaerobic Digestion; Energy recovery from waste; Environmental Impact Assessment; Alternative technologies for sludge treatment; Air pollution and reduction of human exposure to pollutants.

Circular economy and waste management.

EDUCATION AND TRAINING

Doctor degree in Power Engineering Sciences (Romania) and Doctor degree in Environmental Engineering (Italy) PhD co-tutelè "Magna cum Laude" (2005)

Polytechnic University of Bucharest, Romania and University of Trento, Italy

▪ PhD title: „MSW bio-drying before energy valorization”

Master degree

Polytechnic University of Bucharest, Romania

Specialisation: The impact of energy production and use on the environment and society

Engineer Degree in Environmental Engineering

Polytechnic University of Bucharest, Romania

Specialisation: Environmental Engineering in Energy Production and Use sector

OTHER

Presentations at seminars, conferences and international workshops > 100 held in English.

Experience as chairman at international conferences and workshops (> 20).

Experience by the organization of international seminars, conferences and workshops

National scientific qualification (Italy) to function as associate professor, 2013-present

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Scientific papers:

- 89 ISI products
- 136 scientific products listed in SCOPUS published in journals of international circulation (H-index: 25; citations: 1706)
- 5 Co-editor of specialized books & 3 chapters in specialized books

Guest editor

- *Special Issue*: Refuse Derived Fuel/Solid Recovered Fuel, Waste Management 2016
- *Special Issue*: Risk Assessment and Management, Sustainability 2016-2017
- *Special Issue*: Trends in Municipal Solid Waste Management, Sustainability 2017-2018

Thesis tutor

- >50 (> 40 IT & > 10 RO)

Member of the Scientific Committee of the Doctoral School on Power Engineering, Politehnica University of Bucharest, 2012 – present

Research projects and grants evaluator (Romania, Estonia).

Member in 10 scientific journal editorial boards.

Member in more than 20 scientific committees at international conferences.

International Awards:

- Best Poster Award : 4th edition of the Sardinia Symposia", October 2014
- Award for excellence for outstanding achievements and contribution to the prestige of the profession of engineer", received from the Lucian Blaga Cultural Center of Sebes, Romania, 6 June 2014
- Award of excellence for outstanding performance" in the International Scientific Committee of the TMREES15 - International Conference Technologies and Materials for Renewable Energy, Environment and Sustainability, 17-20 April 2015, Beirut, Lebanon.
- Eminent Scientist Medal of the Wessex Institute, 7 Sept. 2016
- Honorary Certificate for the outstanding contribution, effort and support during International Multidisciplinary Symposium SIMPRO2016, under the abiding theme : "Sustainable Development through Quality and Innovation in Engineering and Research" 14-15 October 2016.
- Member of national and international Technical Commissions
- Coordinator of some projects on the Environmental Engineering group at the University of Trento
- Coordinator of different activities as foreign partner in TRIPOD project – Restructure of productive practice of students in higher technical education 2010 -2013
- Coordinator of the 6 groups of the scientific research project -Borgo Acciaieria Valsugana (Italy): 2010 -2013.