



Agnieszka Generowicz

Academic degrees : Prof. Dr. Hab. Eng.

Position : Full Professor

Engineering - technical field

Discipline Environmental engineering, mining and energy

Academic qualifications:

1. Vice-Dean of the Faculty of Environmental Engineering at the Cracow University of Technology for student affairs during two terms: 2005 – 2008 and 2008 – 2012.
2. Head of postgraduate studies "Management of waste and hazardous substances", Center for Training and Organization of Quality Systems at the Cracow University of Technology.
3. Head of postgraduate studies "Environmental Management – ISO 14 000", Center for Training and Organization of Quality Systems at the Cracow University of Technology.
4. Coordinator of the Faculty of Environmental Engineering and Energy (WIŚiE) for the Interdisciplinary Center for Circular Economy at the Cracow University of Technology

Membership in professional and academic boards :

1. Cracow Technical Society KTT, Cracow, Member of the Audit Committee, ul. Malborska 10/6, 30-563 Cracow.
2. Working Group of the National Smart Specialization WG KIS7 – Circular economy, water, fossil fuels, waste, Ministry of Development, Warsaw, working group member, since 2019.

Academic merits :

Course of scientific career:

Scientific career entirely associated with the Faculty of Environmental Engineering and Energy at the Cracow University of Technology (PK): 1995: MSc. Eng. (specialization: Water supply and wastewater and waste disposal). 2001: PhD in technical sciences (discipline: environmental engineering). 2013: DSc. Eng. / Habilitated Doctor (specialization: waste management). 2022: Prof. Dr. Hab. Eng. of engineering and technical sciences (discipline: environmental engineering, mining and energy).

Scientific output and bibliometric indicators:

1. Author of a total of approximately 300 publications, including numerous articles in renowned international journals (e.g., *Journal of Cleaner Production*, *Energy*). Main research areas include circular economy (CE), municipal waste management, sustainable development, and the use of GIS tools in environmental engineering.
2. H-index: 18 (Scopus) / 18 (WoS).
3. Number of citations: 775 (Scopus) / 624 (WoS).
4. Indexed publications: 73 (Scopus) / 78 (WoS), **Total IF > 150.**

Educating academic staff:

1. Completed doctorates (5): Including 3 defended with distinction and 1 innovative implementation doctorate.
2. Open doctoral proceedings (2): Including an implementation doctorate carried out in cooperation with the Institute of Environmental Protection (IOŚ-PIB).

Most important awards and distinctions:

1. Scientific and didactic achievements at PK: Multiple laureate of Individual and Team Awards of the Rector of PK (including 2014, 2016, 2022, 2024). Honored with the title of Best Academic Teacher (2017) and SUPER MENTOR of FutureLab (2024). For 6 years, she has been in the elite group of the TOP 20% of faculty employees, and in 2024 and 2025 received the "Leader" award of WIŚiE for scientific achievements.
2. External and state recognition: Awarded the Bronze Medal for Long Service (2012) and the Honorary Badge of PK (2018).
3. Industry awards: Two-time laureate of prestigious distinctions in the TECHNICUS competition organized by FSNT NOT (2023, 2025) for outstanding, practical technical guides in the field of waste management and city maintenance.

Professional qualifications/language skills

Language skills: English

Research field :

Waste management, recovery, recycling, disposal, systemic waste management, multi-criteria analysis, circular economy.

Address

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Useful links :

[Researcher profile – Agnieszka Generowicz – Cracow University of Technology](#)