



## Stanislaw M Rybicki

**Academic degrees :** PhD DSc. (eng)

**Position :** Associate Professor

**Engineering - technical field**

**Discipline** Environmental engineering, mining and energy

### Academic qualifications:

1. Vice-Dean for International Cooperation 1998-1999
2. Vice-Dean for Student Affairs 2008-2012
3. Dean of the Faculty of Environmental Engineering 2016-2019
4. Dean of the Faculty of Environmental and Energy Engineering 2020-2024
5. Elected Senator of the Cracow University of Technology from 2025
6. Member of several Senate committees from 1998-2024
7. Associate Professor at the Cracow University of Technology since 2019

### Membership in professional and academic boards :

1. Małopolska Regional Chamber of Civil Engineers (since 2000)
2. International Water Association (since 2001)
3. Committee on Water Management and Water Sciences of the Polish Academy of Sciences (since 2019, currently in its second term)
4. Committee on Environmental Engineering of the Polish Academy of Sciences (2018-2023)
5. Advisory Council to the Mayor of Krakow for Water Management

### Academic merits :

1. Author of 170 articles and publications, 23 of which are indexed in WoS Hirsch Index 8-11 (depending on the source)
2. Authorship/co-authorship of 3 books, including two published in Sweden and the UK
3. Management of 3 research and research implementation projects financed in Poland (4.1.4/POIR/2018; N523 3775 33), one research project financed by the Federal Republic of Germany (RWE AG Research); main contractor and contractor in approximately 10 completed projects, including COST and POIR;
4. 4 promoted PhDs (including 2 in the 'Polidoctus' system); 2 doctorates with distinction;
5. Three doctorates in progress (including 2 implementation ones: AIML applications in infrastructure and offshore power plant interactions with the environment);
6. Chairman of the Scientific Council of the Faculty of Environmental and Energy Engineering 2019-2024
7. Reviewer in 11 habilitation and doctoral proceedings;
8. Chaired the Doctoral Committee 23 times
9. Guest lecturer in Sweden (KTH Stockholm), Germany (TU Berlin), and Italy (UDS Cagliari)
10. Received 2 awards from the Minister of Science: for outstanding scientific achievements and for outstanding organizational achievements
11. Ranked among the top 20% of authors at the Faculty
12. Received state decorations for his scientific achievements (Gold and Silver Cross of Merit)
13. Received distinctions from the Cracow University of Technology for his scientific achievements: the Gold Medal of the Cracow University of Technology, the Honorary Badge of the Cracow University of Technology, and 7 awards from the Rector of the Cracow University of Technology

### Professional qualifications/language skills

#### Qualifications:

1. Unlimited design license in the field of water and sewage installations and networks (No. RP-670/94);
2. Design license in the field of construction and engineering (No. 224/86); with restrictions
3. Unlimited License to manage construction works in the field of construction and engineering, hydrotechnical (No. 224/86); without restrictions
4. Unlimited License to manage construction works in the field of water and sewage installations and networks (No. 176/86); without restrictions

#### Language skills

1. English – fluent (lectures in English) Cambridge FCE grade A (Ref. No. 906PL10047), level B2;
2. Russian – good
3. German – passive

### Research field :

1. Water and wastewater technology, sewage sludge treatment
2. Identifying and counteracting emergencies in water and wastewater infrastructure
3. Water and energy recovery in modern municipal infrastructure systems
4. Specific water circuits in high energy nuclear physics (DESY)
5. Application of AI and ML to reduce nuisance and risk in water and wastewater transmission and treatment
6. Implementation of modern water and wastewater treatment technologies in practice
7. Process interactions in municipal infrastructure facilities

### Address

Cracow University of Technology, Faculty of Environmental Engineering and Energy  
Address: 31-155 Krakow, phone . 012 628 2555; e-mail : stanislaw.rybicki@pk.edu.pl

### Useful links :

[Researcher profile – Stanisław M. Rybicki – Cracow University of Technology](#)