

# Michał Zielina



**Academic degrees : Prof. PhD, DSc**

**Position : Professor**

**Engineering - technical field**

**Discipline Environmental engineering, mining and energy**

## **Academic qualifications:**

Member of the Cracow University of Technology Senate, Editor of the series Environmental Engineering of Scientific Publishers of the Cracow University of Technology, Member of the Commission for Scientific Degrees and Staff Development of the Faculty of Environmental Engineering and Energy, Chairman of the committee for diplomas in the Faculty of Environmental Engineering and Energy

## **Membership in professional and academic boards :**

Member of the Presidium and Scientific Secretary of the Sanitary Engineering Section of the Committee on Civil Engineering of the Polish Academy of Sciences, Member of the Presidium and Scientific Secretary of the Committee on Water Management of the Cracow Branch of the Polish Academy of Sciences

## **Academic merits :**

Supervisor of three defended doctoral theses, about 100 defended master's and engineering theses. Head of 3 national research grants and contractor of 10 others carried out under competitions of such institutions as NCBiR, NCN, PARP, MNiSW, MNiL, KBN and EU ("Horizon 2020" and FP7). Manager and executor of dozens of research projects and expert opinions carried out commissioned by industry and state institutions. Author or co-author of more than 110 scientific publications in the field of environmental engineering, including 4 book monographs, 34 articles indexed in international Web of Science and Scopus databases. He has held 6-month and 3-month research internships at Gifu University in Japan, a 3-month internship at Anglia Polytechnic University in Cambridge, UK, a 2-month internship at the University of Maryland in the US, and other research institutions in countries such as Norway, Turkey, France and Slovakia. He has presented a number of papers at international conferences in Poland and abroad, including London, Compiègne, Montpellier, Wiesbaden, Cairo, and Slovakia and Japan. During his doctoral studies, he worked as a design technologist for water and environmental engineering at the international corporation Lurgi S.A. designing for the refining industry. He is the author of 4 habilitation reviews and 2 doctoral reviews.

## **Professional qualifications/language skills**

*He has a good knowledge of English in speech and writing. He has held internships in Japan, in Cambridge, UK, in the United States, and in scientific centers in Norway, UK and France, among others. He has actively participated in numerous international conferences in France, Germany, and the UK, among others. He has given lectures and theses at foreign centers in countries such as Japan, Turkey, Germany and Slovakia. Over the past 10 years, he has conducted more than 500 hours of teaching in English, most of which has been carried out for foreign students from Germany, France, the Netherlands, Italy, Spain, Turkey and Japan, among others. He initiated and manages a bilateral agreement between the Cracow University of Technology and Gifu University in Japan*

## **Research field :**

**Processes occurring in water supply systems, renovations of water pipes, materials used in water supply systems, surface water intakes, water and air filtration processes, granulometric tests, stability of dispersion systems, mathematical modelling**

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**Address**

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**Useful links :**

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