



## Michał Zielina

**Academic degrees : doctor habilitatus in Engineering**

**Position : Professor of CUT**

**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 :

Sanitary Engineering Section of the Committee on Civil Engineering of the Polish Academy of Sciences

### Academic merits :

Supervisor of one defended dissertation and two open doctoral theses. Supervisor of about 80 master's and engineering theses. Head of 3 national research grants and contractor of 5 others. Manager and contractor of several dozen research projects and expert opinions commissioned by industry and state institutions. Author and co-author of about 100 publications, including 3 book monographs, 26 articles indexed in international Web of Science and Scopus databases, with a total IF = 28 in JCR database. He conducted research in Japan during a 6-month professorship. He also completed a 3-month internship in the UK in Cambridge and a number of short visits to research institutions in Norway, Turkey, France, Slovakia, Czech Republic, the UK and Japan. He has delivered a number of papers at international conferences in Poland and abroad, including London, Compiègne, Montpellier, Wiesbaden, Cairo, Slovakia and Japan. During his doctoral studies at the Cracow University of Technology in the years 1995-2000 he worked in the international concern Lurgi designing for the refinery industry as a designer technologist of water engineering and environmental protection. Author of 3 habilitation reviews and one doctoral review.

### Professional qualifications/language skills

He has a good knowledge of English in speech and writing. He has completed a six-month professorship in Japan, a three month internship in Cambridge, UK and 8 short visits abroad to research centres in Norway, UK and France, among others. He actively participated in numerous international conferences, e.g. in France, Germany and Great Britain. He has conducted lectures and thesis in foreign centres in such countries as Japan, Turkey and Slovakia. Over the last 10 years he has conducted over 500 hours of teaching classes in English, most of which were conducted for foreign students from Germany, France, the Netherlands, Italy, Spain, Turkey or Japan. He initiated and manages a bilateral agreement between the Cracow University of Technology and the University of Gifu 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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