

Polonca Trebše

Polonca Trebše is professor of chemistry at the University of Ljubljana, Faculty of Health Sciences. She graduated in Chemistry in 1990 at the University of Ljubljana, Faculty of Chemistry and Chemical Technology, then she obtained her Master degree 1994 in the field of organic synthesis of heterocyclic compounds, and in 1997 received her PhD in the field of organic synthesis, all at the University of Ljubljana, Faculty of Chemistry and Chemical Technology.

In 1997, she joined the University of Nova Gorica (former Faculty of Environmental Sciences), where she was employed until 2013 when she moved to University of Ljubljana, Faculty of Health Sciences.

Her research and expert area include:

- studies on photochemical degradation and transport of different organic pollutants, mainly pesticides in the aquatic environment.
- Study of transformation and identification of different pollutants (UV filters, THMs) under disinfection conditions.
- Instrumental analysis of various organic compounds;

Her current research findings have been published in more than 100 scientific papers in international journals with impact factor.

For her research work she got several awards: Krka award for years 1995 and 1997, Zois award (national scientific award) for important achievements on the field of chemistry and ecotoxicology in 2008, and Prometheus of Science for Excellence in Communication in Science (in 2020).

Polonca Trebše lectures at the undergraduate program of Environmental Health (Chemistry, Analytical chemistry, Hazardous compounds, Chemical technologies), at the master program of Environmental Health (Sampling methods) as well as at interfaculty doctoral program Lifesciences (module Bioengineering in Health Sciences).

She is experienced with the management of national and international research projects, she was involved in the development of new curricula, preparation of study materials, and staff training on the academic level.

She is a member of the Slovenian Chemical Society (since 1990) and a member of the European Association of Chemistry and the Environment (since 2010). She serves as a members of the Editorial Boards: Archives of Industrial Hygiene and Toxicology (2004-2008) and Environmental Chemistry Letters (2012-).