

## **Dr. Levente Kardos, Ph.D.**

**Position:** associate professor, head of department

**Year of academic degree:** Doctor of Environmental Sciences (Environmental Chemistry) (PhD) 2012.

**Phone number:** +361 305 7273

**E-mail address:** kardos.levente@uni-mate.hu

**Name of department:** Department of Agro-Environmental Studies, Institute of Environmental Sciences

### **Professional experience:**

- Head of department from June 01, 2018
- associate professor from January 2018
- September 01, 2016 – May 31, 2018 Accredited Head of Department
- March 18, 2013 – August 31, 2016 Deputy Head of Department
- January 23, 2013 – March 17, 2013 Accredited Head of Department
- Adjunct from February 2013 (Department of Soil Science and Water Management)
- Since October 2008, assistant professor (Department of Soil Science and Water Management)
- Since September 2008, departmental engineer (Department of Soil Science and Water Management)
- 2004-2008: secondary school teacher, Alternative Economic High School and Forrai Private Bilingual Secondary School
- 2005-2008: departmental chemist, then doctoral student, ELTE TTK Environmental Science Cooperative Research Center and Analytical Chemistry Department
- 2003-2004: full-time secondary school teacher, Verebély László Vocational Secondary School

### **Education, qualification:**

- 2005-2008: Doctoral School of Environmental Sciences (ELTE TTK)
- 2003-2005: Environmental specialist specializing in water quality protection (BME VMK)
- 1997-2003: Secondary school chemistry-environment teacher (ELTE TTK)

**Research activity, area:**

- Environmental chemistry (water chemistry, soil chemistry)
- Wastewater treatment technologies
- Sewage sludge utilization (composting, digestion)
- Environmental management

**Awards and recognitions:**

- 2011. Teacher of the Year award of the University
- 2017. Grassalkovich Scholarship

**Doctoral education:** [Doktori.hu](http://doktori.hu)

([https://doktori.hu/index.php?menuid=192&lang=HU&sz\\_ID=11146](https://doktori.hu/index.php?menuid=192&lang=HU&sz_ID=11146))

**Publication data:** [MTMT](http://mtmt.hu)

(<https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10030515>)

**Taught subjects:**

- Environmental chemistry
- Soil science and agrochemistry
- Natural resources and nature protection
- Environmental management

- Specialization in environmental management
- Wastewater treatment and sewage sludge utilization
- Wastewater treatment, water treatment
- Humus management and composting
- Organic matter management

**Optional thesis topics:**

- Methodological development of environmental chemistry (soil, water, air) tests for demonstration experiments
- The role of plants in wastewater treatment
- Water tests (physical and chemical tests) from different water sources
- Investigations of the heavy metal content of environmental samples (soil, water, compost, other media) and their effects on various plants
- Alkali metal and alkaline earth metal investigations of environmental samples