

Name: Noémi Júlia Valkovszki Dr

Position: research fellow

Year of obtaining scientific degree: PhD, 2012

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Organizational unit name: Institute of Environmental Sciences, Research Center for Irrigation and Water Management

Professional experience:

· LASA Agroculture Ltd. Törökszentmiklós, Plant protection engineer, Plant protection salesman 2016-2020.

· Szent István University, Faculty of Economics, Agriculture and Health Sciences, Tessedik Campus, Institute of Environmental, Szarvas, university assistant professor, 2012-2016.

· College assistant professor, 2007-2012.

· Tessedik Sámuel College Faculty of Agriculture, Water- and Environmental Management, Szarvas, Teaching assistant, 2005-2007.

· Tessedik Sámuel College Faculty of Agriculture, Water- and Environmental Management, Szarvas, Department engineer, 2004-2005.

Education, qualification:

· Szent István University, Faculty of Economics, Agriculture and Health Sciences, Tessedik Campus, Szarvas, 2012 – 2015., Plant protection engineer

· Corvinus University of Budapest, 2005-2010., Faculty of Horticulture, PhD

· Corvinus University of Budapest, 2005-2010., Faculty of Horticulture, 1999-2004., Certified Horticultural engineer (M.Sc) Specialization: Cultivation of medicinal and aromatic plants.

Research activity, field:

- Optimization of the growing conditions for the cultivation of medicinal plants (sage, annual caraway).
- Investigation of the effect of agricultural effluent water on medicinal plants (sage, chamomilla, perilla, garden basil).
- Determining the water consumption and water demand of crops and horticultural plants in lysimeter experiments (winter wheat, rice, tomato, sage)
- Agroforestry observations

Awards and recognitions:

- Szent István University Laurel Wreath Gold degree, 2012.

Information on doctoral training:

<https://doktori.hu/index.php?menuid=193&lang=HU&vid=8619>

Data of

publications: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10075098>

Taught subjects:

- Hydroponic plant production
- Fruit and grape growing
- Vegetable growing

Optional thesis topics:

- Assessment of the impact of fishery wastewater on the annual caraway (*Carum carvi var. annuum* L.)
- The effect of different quality irrigation waters on the seed quality of sage (*Salvia officinalis* L.)

· Determination of evapotranspiration of sage (*Salvia officinalis* L.) in compensation lysimeters.

· Investigation of the applicability of irrigation water from different origins in floating lettuce cultivation.