

Personal data:

Name: Dr. Gombos Béla

Position: associate professor

Academic degree and year of acquisition: PhD. 2008

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E-mail: gombos.bela@uni-mate.hu

Name of organizational unit, institute:

MATE, Institute of Environmental Sciences, Department of Irrigation and Land Improvement, Szarvas

Professional experience:

Hungarian Meteorological Service, Szarvas Agrometeorological Observatory, agrometeorologist, 1994-1999

Tessedik Samuel College, assistant lecturer, assistant professor, 2000-2008

Szent István University Faculty of Water and Environmental Sciences, associate professor, 2008-2021

Education, qualification:

Eötvös Lóránd University, Faculty of Science, 1989-1994, Meteorologist

Debrecen University, Faculty of Agricultural Water and Environmental Management/Tessedik Samuel College, 1996-2000, Crop Production Engineer

Szent István University, 2017-2018, Plant Protection Specialist

Research and activity area:

Microclimate, Effect of topography on microclimate, Urban climate

Precipitation: measurement and spatial heterogeneity

Agrometeorology of maize

Phenological development of crops, Thermal time models, Soil temperature

Publications: <https://m2.mtmt.hu/gui2/?type=authors&mode=browse&sel=10013331>

Subjects taught:

Agrometeorology and Water Management

Applied Agrometeorology

Hydrology

Applied Hydrology and Hydraulics

Management of Excess Inland Water

Drought management

Thesis topics to choose:

Optimization of precipitation measurements on agricultural areas

Irrigation scheduling in practice

Agroclimatological study of a chosen field crop

Effect of meteorological factors on soil temperature and crop emergence

Dynamics of ripening and drying down related to meteorological factors (chosen crop)