



**Hungarian University of Agriculture and Life Sciences (MATE)  
Institute Student Research Conference (TDK)  
Szent István Campus (SZIC)**

*12<sup>th</sup> May, 2023*

**Location:** Library of the Institute of Genetics and Biotechnology, 4. Szent-Györgyi A. str, Gödöllő

**Greetings** on the opening session will be given by Ferenc Tibor Rácz, PhD (chair)

**Agricultural Biotechnology and Water Management**

**Board of the Section:**

Chair:

**Ferenc Tibor Rácz**, PhD, assistant professor, Inst. of Environmental Sciences, MATE

Members:

**Dr. Ágnes Dalmadi**, research fellow, Inst. of Genetics and Biotechnology, MATE

**Dr. Caleb Melenya**, postdoctoral researcher, Inst. of Environmental Sciences, MATE

**Dr. Barbara Simon**, associate professor, Inst. of Environmental Sciences, MATE

**Dr. Orsolya Hoffmann**, senior research fellow, Inst. of Genetics and Biotechnology, MATE

**Dr. János Grósz**, assistant professor, Inst. of Environmental Sciences, MATE

Student member and secretary:

**Réka Döbröntey**, PhD student, Inst. of Environmental Sciences, MATE

Scientific presentations:

**MOHAMMAD UMAR** Agricultural Biotechnology, MSc

Title: **Making and characterization of DNA Demethylase 1 mutant in tomato**

Supervisors: György Szittyá, scientific advisor, Institute of Genetics and Biotechnology, MATE, Péter Gyula, senior research fellow, Institute of Genetics and Biotechnology, MATE

**OREKOYA ADEDAPO** Agricultural Water Management Engineering, MSc

Title: **Identification of microplastics in wastewater and the effect of chemical digestion on microplastics**

Supervisor: András Sebők, assistant researcher, Institute of Environmental Sciences, MATE

**ABEBAW WUDU ABIYE** Agricultural Water Management Engineering, MSc

Title: **Spatiotemporal dynamics of soil erosion response to land use land cover dynamics and climate variability in Maybar watershed, Awash Basin, Ethiopia**

Supervisors: István Waltner, associate professor, Institute of Environmental Sciences, MATE; Hailu Kendie, senior researcher

**MOHAMED ABDELALIM** Agricultural Water Management Engineering, MSc

Title: **Modelling landscape evolution at a slope in Gödöllő, Hungary**

Supervisors: Ágota Horel, senior research scientist, Institute for Soil Sciences, Centre for Agricultural Research, Gábor Halupka, teaching assistant, Institute of Environmental Sciences, MATE

**ELSADIG OMER** Agricultural Water Management Engineering, MSc

Title: **Agricultural Water Productivity**

Supervisors: István Waltner, associate professor, Institute of Environmental Sciences, MATE, Gábor Halupka, teaching assistant, Institute of Environmental Sciences, MATE

**JOMANA ALRWASHDEH** Agricultural Water Management Engineering, MSc

Title: **Assessment of the rangeland ecosystem restoration efforts on soil properties and socioeconomic factors in Jordan**

Supervisors: Vince Láng, general manager, AgriDron Ltd / Discovery Center Nonprofit Ltd., Benjamin Bukombe, researcher, Discovery Center Nonprofit Ltd., András Sebők, assistant researcher, Institute of Environmental Sciences, MATE

**RAZZAK ABDUL** Agricultural Biotechnology, MSc

Title: **Functional Investigation of a novel Wheat seed specific microRNA by short tandem target mimic (STTM)**

Supervisors: András Kis, research fellow, Institute of Genetics and Biotechnology, MATE

**GANJAYEV NAJMADDIN** Management and Leadership, MSc

Title: **The contribution of HR managers to organizational success by means of training and dealing with employees**

Supervisor: Erika Varga, associative professor, Institute of Rural Development and Sustainable Economy, MATE

**GEORGE MENSAH** Agriculture water management engineering, MSc

Title: **Nutrient removal by microalgae from pre-treated municipal wastewater**

Supervisor: György Fekete, department associate, Institute of Environmental Sciences, MATE

**DIMA ALRAHAIFE** Agriculture water management engineering, MSc

Title: **Investigation of micro polymer origin**

Supervisor: András Sebők, assistant researcher, Institute of Environmental Sciences, MATE

**MOSES BEREDUGO** Management and Leadership, MSc

Title: **Organization Adaptation and Performance of Brewing Firms in South-East Nigeria**

Supervisor: Attila Zsolt Kovács, associate professor, Institute of Agronomy and Food Science, MATE

**2 pm: Announcement of the results** (MATE, Library of the Institute of Genetics and Biotechnology)

**We are looking forward to seeing you at the conference!**

The programme is free of charge, open to everyone and registration is not needed.

Audio and video recordings may be made at the event, which will be made public according to institutional practice.

Other sections of the conference can be found here:

[\*Tudományos Diákkör\*](#)