



**EÖTVÖS LORÁND TUDOMÁNYEGYETEM**  
FÖLDRAJZ- ÉS FÖLDTUDOMÁNYI INTÉZET  
**METEOROLÓGIAI TANSZÉK**

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**Meghívó**

**az ELTE Meteorológiai Tanszék szemináriuma**

**Helyszín: ELTE TTK Kari Tanácsterem**  
**1117 Budapest Pázmány Péter sétány 1/A., 7. emelet 7.18.**

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**Protected crops: microclimate, evapotranspiration and water use efficiency**

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**Abstract**

The area of crops grown in protected environments like greenhouses and screenhouses is constantly increasing worldwide. The cover, either a plastic sheet or a porous screen, modifies the crop microclimate and hence the atmospheric water demand. Consequently, potential water saving is feasible.

In the seminar I will present selected methodologies and results from research projects we have conducted during the past two decades, most of them under full-scale greenhouses and screenhouses. This will include the effects of cover on radiation, wind speed, air temperature and humidity and the resulting, combined effect, on crop evapotranspiration. Finally I will discuss several experiments in which we examined the water use efficiency and demonstrated its increase.

Minden érdeklődőt tisztelettel várnak a Szervezők:

Weidinger Tamás  
egyetemi docens

Mészáros Róbert  
tanszékvezető egyetemi docens