

Acta Universitatis Sapientiae

Agriculture and Environment

Volume 17, 2025

Sapientia Hungarian University of Transylvania
Scientia Publishing House

Contents

<i>Anna Andrea SZÖVÉNYI, Anna ADORJÁN, Szabolcs BÉRCZI, Levente SZCZUKA</i> Climatic conditions and morphology – Correlation in urban squares	1
<i>Tamás MISIK, Imre KÁRÁSZ</i> Size condition of shrub species in a Hungarian oak forest in 2022	15
<i>Andrea Orsolya WALLNER, Eszter Karlóciné BAKAY</i> Cultural ecosystem services and the role of city-level public parks in the urban structure – A comparative study of four Hungarian examples . .	24
<i>Anita Margret AROCKIYA, Pradeep Kumar GOVINDHARAJ, Subalakshmi SUBRAMANIAN, Sharmila RAMANATHAN</i> Biochar-driven modulation of PGPR communities and their impact on tomato crop productivity for a sustainable agronomic development . . .	38
<i>Roman MAISURADZE, Tamar KHardZIANI, Gia CHILINGARASHVILI</i> Dynamics of horticulture distribution in the mountainous landscapes of Samtskhe-Javakheti, according to census documents of the 16 th –20 th centuries	50
<i>Petra Emese DRAGÁN, Barnabás TÓTH, Judit DOMA-TARCSÁNYI, Krisztina SZABÓ</i> Chlorophyll concentration analysis of woody plants in the Buda Arboretum	62
<i>Barnabás TÓTH, Judit DOMA-TARCSÁNYI, Petra Emese DRAGÁN, Krisztina SZABÓ</i> Study of planting density and canopy cover in open spaces in Budapest . . .	76
<i>László FODORPATAKI, Petra KULCSÁR</i> Allelopathy between aromatic plant species during early developmental stages	87
<i>Elias Mjaika NDIFON, Joshua EKPENYONG</i> Effectively mitigating the impact of <i>Meloidogyne incognita</i> on common beans through the strategic use of soil amendments.	110
<i>Mohamed Ismail HASSAN</i> Evaluation of the <i>Thevetia peruviana</i> extract and the predatory <i>Orius albidipennis</i> for the control of <i>Thrips tabaci</i> (Thysanoptera: Thripidae) on strawberry in Egypt	120
<i>Tihamér Tibor SEBESTYÉN, Alpár JAKAB</i> Economic rationality and the future of rural biomass: Evidence from Romania's energy transition.	132

