



Biography

Currently, Prof. Dr. Hosam Bayoumi Hamuda is working at Obuda University. He was Senior Researcher and Deputy Director of Research Group for Environmental Microbiology of Hungarian Academy of Sciences (Budapest) between 1997 and 2004. He received the degrees of B.Sc. (1978, Chemistry and Botany), M.Sc. (Biological Sciences) from Garyounis University (Benghazi, Libya), University Doctor (1987, Agricultural Sciences-Soil Microbiology) and PhD in Biological Sciences (1999) from Gödöllő University of Agricultural Sciences (Gödöllő, Hungary) and C.Sc. in Biological Sciences (1994) from Hungarian Academy of Sciences, Budapest, Hungary. He received the Doctor Habilitation Degree in Environmental Sciences (2007) and the Professor degree from Szent István University (2008, Gödöllő, Hungary). Also, University Doctor Degree in Natural Sciences from Eötvös Loránd University (1995, Budapest). Prof. Hamuda awarded lot of times from different national and international organisations, e.g., the Society of Hungarian Microbiologists (MMT), the Hungarian Professors Council, etc. He is a member of lot of Hungarian and International Organisations. Prof. Hamuda is the president of International Council of Environmental Engineering Education (ICEEE) originated since 2010 (Budapest, Hungary) and Member of the International Society of Development and Sustainability (Japan), Society of MMT, Soil Science and Agrochemistry Committee of the Agricultural Sciences Department of IV of the Hungarian Academy of Sciences (Budapest) and Association of Hungarian Medical Societies and others. He was the director of MSc program titled: Microbial Science and Biotechnology (Szent István University, Gödöllő, Hungary) from 2000 to 2008 and Director of PhD Program titled: Agricultural-, Environmental Microbiology and Soil Biotechnology from 2007 to 2015 and now a member of the Environmental Sciences Doctor's School at Szent István University and Doctoral School on Materials Sciences and Technologies at Obuda University. Prof. Hamuda is acting as editorial member, reviewer of many international journals, and he organize many international conferences and symposia. He delivered more than 125 plenary and keynote lectures in international events and a member of scientific committee of more than 100 conferences. He is the editor in chair of more than 20 Proceedings Books of International events. Prof. Hamuda is the supervisor, reviewer, and examiner of many PhD, MSc. and BSc. students. Research Interest Topics: 1. Microbial biotechnology: solid waste and wastewater management. Soil Biotechnology: rhizosphere index, soil microbial biomass and enzymatic activities. soil health, and soil biodiversity. Soil security, biocontrol and biofertilizers. microbial inoculants. Colonization of Plant Growth-Promoting Rhizomicrbiota. Nitrification inhibitors and crop quality. 2. Monitoring of soil organic matter. Econanotoxicology. Roles of engineered metal oxide nanoparticles in soil. 3. Public health and healthcare. Bioengineering and Environmental Health. Probiotics, antibiotics, xenobiotics, and human gut microbiomes. Impacts of xenobiotics: pesticides and other pollutants on soil biological activities 4. Climatic changes and global security.

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