



MEMBER PROFILE

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Study areas

Countries / Regions	Hungary
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Topics of last three projects

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	<u>Topics of last 10 publications</u>	<u>Publication links</u>
1	CHANGES IN FLOODPLAIN VEGETATION DENSITY AND THE IMPACT OF INVASIVE AMORPHA FRUTICOSA ON FLOOD CONVEYANCE	https://sciendo.com/pdf/10.2478/jengeo-2018-0008
2	(Mis) management of floodplain vegetation: The effect of invasive species on vegetation roughness and flood levels	https://www.researchgate.net/publication/333638055_Mis_management_of_floodplain_vegetation_The_effect_of_invasive_species_on_vegetation_roughness_and_flood_levels
3	Nature based community energy: conversion of invasive alien shrubs into bioenergy	https://www.ageiweb.it/wp-content/uploads/2019/05/Programma-Galway_EUGEO_2019.pdf
4	Partnering Business & Nature to preserve freshwater ecosystems	https://www.ceeweb.org/wp-content/uploads/2015/05/20-Csaba-Vaszko.pdf
5	Advocating for sustainable energy in Central and Eastern Europe	https://dspace.emu.ee/xmlui/bitstream/handle/10492/3755/PANEL_guidebook_web_nov17.pdf?sequence=1&isAllowed=y
6	Transition strategies & Governance of transitions	https://ec.europa.eu/energy/sites/ener/files/documents/strategies_and_governance_webinar.pdf
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Research interests in water										
Climate & Water	Water in arid areas	Arctic water	Water cycle	Atmospheric water	Glaciers & Cryosphere					
Hydrological extreme events	Floods	Droughts	Ice phenomena							
Water flow	Catchment processes	Run-off generation	Groundwater-Surface water interactions	Hyporheic processes	Interstitial water	Porewater	Alluvial water			
Surface water	Limnology	Fluvial dynamics	Continental scale processes	Dams / Reservoirs	Sediments	Rivers	Floodplains			
Ground water	Soil water	Karst water	Hydrogeology	Recharge						
Marine Environment	Coastal waters	Estuarian waters								
Aquatic habitats/ Ecosystems	Wetlands	Lakes	Peatlands	Rivers						
Water availability	Water utility	Water storage	Dams / Reservoirs	Water scarcity	Supply & Distribution	Water allocation	Water restrictions			
Modelling and GIS	Hydro GIS	Groundwater modelling	Surface water modelling	Remote sensing						
Water quality	Pollution	Purification	Hydrochemistry	Treatment	Desalination	Waste water	Sewage			
Water & Health	Water & Sanitation	Water & Food	Waterborne diseases	Drinking water	Water purification					
Water & Energy	Water-Energy nexus	Water for energy	Energy for water	Water, Food & Energy						
Water management/ policy	Integrated Catchment management	Integrated water resource management	Water loss	Reticulation & Supply	Transboundary water					
Water use	Urban	Agricultural	Mine water	Industrial	Grey water	Green water	Blue water	Return water	Water sustainability	Competing water use
Water Law & Economics	Water trade	Virtual water	Privatisation	Water as public good	Right to water	Bills & Laws	Affordability			
Socio-political aspects	Water history	Water wars	Water & Poverty	Access to water						