PERSONAL INFORMATION László Makra



POSITION Professor

WORK EXPERIENCE

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Term 2021-
Position Professor emeritus
Employer University of Szeged, Faculty of Agriculture, Institute of Economics and Rural Development, HU-6800 Hódmezővásárhely, Andrássy út 15, Hungary

Term 2016-
Position Professor
Employer University of Szeged, Faculty of Agriculture, Institute of Economics and Rural Development, HU-6800 Hódmezővásárhely, Andrássy út 15, Hungary

Term 2015-2016
Position Associate professor
Employer University of Szeged, Faculty of Agriculture, Institute of Economics and Rural Development, HU-6800 Hódmezővásárhely, Andrássy út 15, Hungary

Term 1996-2014
Position Associate professor
Employer József Attila University / University of Szeged, Faculty of Science and Informatics, Department of Climatology and Landscape Ecology, HU-6720 Szeged, Egyetem u. 2, Hungary

Term
Position 1980-1996
Employer Lecturer
University of Szeged, Faculty of Science, HU-6720 Szeged, Dugonics tér 12, Hungary

1976-1979
Assistant professor
University of Szeged, Faculty of Science, HU-6720 Szeged, Dugonics tér 12, Hungary

EDUCATION AND TRAINING

Term	1996
Institute	Masaryk University, Brno, Prof. Rudolf Brazdil
Country	Czechia
Subject	Regional- and global-scale climate fluctuations
Term	1995
Institute	East China Normal University, Guangzhou (Kanton), Prof. Mo Zhong-da
Country	China
Subject	Urban air pollution
Term	1993
Institute	Renmin University of China, Peking
Country	China
Subject	Urban air pollution
Term	1989
Institute	Gadjah Mada University, Yogyakarta, Prof. Sutikno
Country	Indonesia
Subject	Elemental composition of airborne aerosol in urban and background environment
Term	1971-1976
Education / qualification	Secondary school teacher on mathematics and geography
Name of School	József Attila University, Szeged
Country	Hungary

PERSONAL SKILLS

Mother tongue(s): Hungarian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Russian	C2	C2	C2	C2	C2
	State medium level, number of certification exam: 3507/1977				
English	C2	C2	C2	C2	C2
	State medium level, number of certification exam: 3574/1979				
French	B2	B2	B2		B2
German	B1	B1	B1		B1
Chinese	A1	A1	A1		A1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills: Good communication skills gained through my experience in research and education.

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Organisational / managerial skills

Good organisational / managerial skills.

Organisational skills:
Organising 4 international scientific research expeditions (1990: China 1994: China; 1996: Indonesia; 1998: Brasília) in order to study regional background aerosol;

Managerial skills:
Member or president of several bodies.

Membership in domestic and international organizations:
1977– : Hungarian Meteorological Society;
1996– : Public Body of the Hungarian Academy of Sciences;
1999– : elected member in Hungarian Meteorological Society;
2001– : founding internal member in Graduate School of Environmental Sciences, University of Szeged;

Editorial Board Member:
1995- …: Acta Climatologica et Chorologica, Universitatis Szegediensis;
2012- …: International Journal of Biometeorology;
2013- …: Annals of West University of Timişoara, Series of Biology (Timişoara, Romania);
2013- …: Journal of Climatology;
2014- …: Archives of Otolaryngology and Rhinology;
2015- …: Science, Technology and Development;
2015- ....: Journal of Natural Products Research Updates;
2015-….: Advances in Modern Oncology Research;

Guest editor in international journal:
International Journal of Environment and Pollution, Special Issue: „Air Pollution", 2007-2009;
(Impact Factor: 0.626);

Editor in international journal:
International Journal of Environment and Pollution: 2014-
(Impact Factor: 0.626);

Executive member in an international organization
2014-2026: International Ragweed Society;

Leader in an international organization
President, International Ragweed Society (2022-2025) (http://internationalragweedsociety.org/)

Job-related skills

University doctor (1978):
Title of the dissertation: "Secular time array and periodical components of large-scale weather situations in Hungary." József Attila University, Szeged;

PhD-dissertation (1995):
Title of the dissertation: "Analysis of statistical characteristics of the sea-level pressure field for the whole Earth." József Attila University, Szeged;

Habilitation thesis (2004):
Title of the dissertation: "Regional and local scale air pollution researches." University of Debrecen, Debrecen;

Computer skills

Full range computer-user expertise (Word, Excel, power point; furthermore, other programs facilitating the professional work).

Driving licence

Driving licence, category "B".

ADDITIONAL INFORMATION

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Research area

Ragweed, ragweed pollen (statistics, transport, forecast), pollen climatology;

Research projects

DOMESTIC RESEARCH PROJECTS

OTKA: 3 projects;

- Developing a drought forecast method for Hungary. (1992-1995, deputy leader);
- Renewable resources in the southern Great Plain, Hungary, with special interest to solar and wind energy. (1997-2000, programme leader);
- Air pollution analysis of Hungarian cities in the function of regional meteorological situations. (2001-2004, deputy leader);

FKFP: 2 projects;

- Instrumental background aerosol researches in Inner Asia (NW China). (1992, programme leader);
- Anthropogenic modelling of an urban airspace. (2000-2001, deputy leader);

Soros Fund: 2 projects;

- Instrumental background aerosol researches in Inner Asia (China, Xinjiang Autonomous Region). (1993, programme leader);
- Instrumental background aerosol researches in Brazil. (1997, programme leader);

PFP: 1 project;

- Modernization of environmental science teacher training. (1997-1998, programme leader);

INTERNATIONAL RESEARCH PROJECTS

- 1990, China: Analysis of elemental composition of airborne aerosol (NW China). (programme leader);
- 1994: China: Analysis of elemental composition of airborne aerosol (China, Xinjiang Autonomous Region). (programme leader);
- 1996: Indonesia: Analysis of elemental composition of airborne aerosol (Java, Bali). (programme leader);
- 1998: Brazil: analysis of elemental composition of airborne aerosol (Brasilia, Curiţiba, Iguaçu, Recife, Fortaleza, Belém, Manaus). (programme leader);
- 2005-2010, European Union (EU-6 project): QUANTIFY (Quantifying the Climate Impact of Global and European Transport Systems). (SZTE programme leader);
- 2012-2013, EU Cross Border HUNGARY–ROMANIA 2007-2013 programme, Contribution to Sustainable Development by Assessing the Transboundary Air Pollution upon the Cultural & Turistical Heritage in Hu – Ro Border; (SZTE programme leader);
- 2014-2016: “Regional and Euro-regional Partnership for the Transition to the Labour Market through Career Counselling and Internships at Potential Employers - PRACTICOR ® EURO-REGIO” (1914: programme leader; 2015-2016: deputy leader);

Conferences

Lectures held at international conferences:

Honolulu (Hawaii, USA, 1999); Taipei (Taiwan, 2000); Loutraki (Greece, 2001); Istanbul (Turkey, 2001); Durban (South-Africa, 2002); Lodz (Poland, 2003); Nicosia (Cyprus, 2004); Johannesburg (South-Africa, 2005); Lucknow (India, 2005); Athens (Greece, 2006); Mexico City (Mexico, 2007); Timişoara (Romania, 2013; 2015);

Honours and awards

1st prize of the publication proposal of the Szegedi Academic Committee of the Hungarian Academy of Sciences, Szeged, 1984; "Szabó Ervin book writing proposal", Útmutató Publisher, **Special Award, 2000; SZÉCHENYI ISTVÁN SCHOLARSHIP, 2001; „PRO METEOROLOGIA” award and plaque, 2002** (Ministry of Environment, Hungary); **„THE FAVOURITE AWARD”, 2003** (Travelling prize for the best professor in geography selected by the students.); **„GOLD CHALK AWARD”, 2005** (Prize for the best professor, University of Szeged, Faculty of Science); **Societas Scientarium Savariensis, elected full member, 2005;**

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Publication data		
	Own publications:	511
	Independent citations:	4236
	Hirsch index	31
	Cumulative impact factor:	172.456

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Personal home page: https://mgk.u-szeged.hu/makra-laszlo/en/homepage/homepage
President, International Ragweed Society (2022-2025): https://internationalragweedsociety.org/irs-board/
Wikipedia: https://en.wikipedia.org/wiki/L%C3%A1szl%C3%B3_Makra
Google Scholar: https://scholar.google.hu/citations?user=dGQlAmsAAAAJ&hl=hu&oi=ao