






PERSONAL INFORMATION

László Makra



 Hungary, HU-6722 Szeged, Gogol u. 25.  
 +3662532990  +36702941310  
 [makra@geo.u-szeged.hu](mailto:makra@geo.u-szeged.hu)  
<http://www.mgk.u-szeged.hu/karunkrol/munkatarsak/munkatarsak>  
 skype: makra.laszlo

Sex Male | Date of birth 05/06/1952 | Nationality Hungarian

POSITION Professor

WORK EXPERIENCE

- Term 2016-  
 Position Professor  
 Employer University of Szeged, Faculty of Agriculture, Institute of Economics and Rural Development, HU-6800 Hódmezővásárhely, Andrásy 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, Andrásy 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 1980-1996  
 Position Lecturer  
 Employer University of Szeged, Faculty of Science, HU-6720 Szeged, Dugonics tér 12, Hungary
- Term 1976-1979  
 Position Assistant professor  
 Employer 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 Czech  
 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.

Organisational / managerial skills

Good organisational / managerial skills.

**Organisational skills:**

Organising 4 international scientific research expeditions (1990: China 1994: China; 1996: Indonesia; 1998: Brasilia) 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 Timișoara, Series of Biology (Timișoara, 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 membership**

2014-: International Ragweed Society;

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

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);

**PPF: 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: Brasilia: analysis of elemental composition of airborne aerosol (Brasilia, Curitiba, Iguacu, 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); Timișoara (Romania, 2013; 2015);

## Honours and awards

**1<sup>st</sup> 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;****

## Publication data

Own publications: 453  
Independent citations: 2 272  
Cumulative impact factor: 92.748

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László Makra  
University of Szeged  
Faculty of Agriculture  
Institute of Economics and Rural Development  
H-6800 Hódmezővásárhely  
Andrássy út 15.  
Hungary

Tel: +36 70 294 1310

E-mail: [makra@mgk.u-szeged.hu](mailto:makra@mgk.u-szeged.hu);  
[makra@geo.u-szeged.hu](mailto:makra@geo.u-szeged.hu);

Wikipedia: [https://en.wikipedia.org/wiki/L%C3%A1szl%C3%B3\\_Makra](https://en.wikipedia.org/wiki/L%C3%A1szl%C3%B3_Makra)  
Personal home page: <http://www2.sci.u-szeged.hu/eghajlattan/makra.htm>