


## PERSONAL INFORMATION

## László Makra




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

POSITION Associate professor

## WORK EXPERIENCE

Term	2015-
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

**Education / qualification** 1971-1976  
**Name of School** Secondary school teacher on mathematics and geography  
**Country** József Attila University, Szeged  
 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	B2
German	B1	B1	B1	B1	B1
Chinese	A1	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: 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 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. (200-2001, 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: 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 Scientiarum Savariensis, elected full member, 2005;**

## Publication data

Own publications: 417  
Independent citations: 1 711  
Cumulative impact factor: 70,205

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