

CURRICULUM VITAE

Personal data

Title: Prof.

Surname: **Michéli** (in legal documents: **Csákiné Michéli**)

First name: **Erika**

Date of birth: 05.12.1959.

Nationality: Hungarian

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Academic and Professional Qualifications:

D.Sc. Hungarian Academy of Science, 2004 (Soil Science)

Ph.D. Hungarian Academy of Science, 1992 (Soil Science)

M.Sc. Gödöllő Univ. of Agriculture 1984 (Agronomy and English-Hungarian technical translation)

Current and past positions with dates:

Full Professor and head, Dept. of Soil Sci. and Ag. Chem., Szent István University: 2007-

Vice-Rector for International Programs, Szent István University: 2011-13

Director, Institute Environmental Sciences, Szent István University: 2009 -13

Visiting Professor, Soil and Waste Unit, EC JRC, Ispra, Italy, 2003 and 2005

Visiting Professor, Dept. Agronomy, Purdue University, IN,USA, 2001

Memberships / functions in national and international organizations:

Member of the Board of the Foundation for Soil Conservation of Hungary, 1991 to present

President of the Hungarian Soil Science Society, 2004 to present

Member of the Steering Committee of the European Soils Bureau Network, 2010 -

Chair of the Working Group of WRB of IUSS (International Union of Soil Sciences), 2002 - 2006

Vice chair of the Commission Soil Classification of IUSS, 2006-2010

Vice Chair of the Working Group Universal Soil Classification IUSS, 2010 –

Chair of Division Soils in Space and Time of IUSS, 2014 -

Member of the Senate of Szent István University, 2011 -

Language skills:

Mother tongue: Hungarian

English: read, write, speak (language state exam, high level)

German: read, write, speak (language state exam, medium level)

Russian: read, speak (language state exam, basic level)

Italian: read, speak (basic level)

Awards:

TEMPUS, 3 months (1992, Hohenheim Univ. Germany)

Soros Foundation, travel awards for professional meetings (1994, 1996, 1998, USA)

OECD 6 week research scholarship (1997, USA)

Szechenyi Professorship (1998)

Fulbright Lecturership (2001, USA)

Honorary member of ΓΣΔ (Gamma, Sigma, Delta), Honor Society of Agriculture (USA, 2001)

Gold Medal for Services in Science, 2010, Szent István University

Doby Géza a medal for outstanding teaching and research, 2013, Szent István University

Selected recent publications:

- Erika Michéli, Philip R Owens, Vince Láng, Márta Fuchs, Jon Hempel: Chapter 4: Organic Carbon as a Major Differentiation Criterion in Soil Classification Systems. In: Hartemink A, McSweeney K (szerk.) Soil Carbon Dordrecht: Springer, 2014. pp. 50-120 (Progress in Soil Science), (ISBN:978-3319040837)
- C W van Huyssteen, E Michéli, M Fuchs, I Waltner: Taxonomic distance between South African diagnostic horizons and the World Reference Base diagnostics, *CATENA* 113: pp. 276-280. (2014)
- Láng Vince, Fuchs Márta, Waltner István, Michéli Erika: Soil taxonomic distance, a tool for correlation: As exemplified by the Hungarian Brown Forest Soils and related WRB Reference Soil Groups, *GEODERMA* 192: pp. 269-276. (2013)
- A Jones, H Breuning-Madsen, M Brossard, A Dampha, J Deckers, O Dewitte, T Gallali, S Hallett, R Jones, M Kilasara, P Le Roux, E Michéli, L Montanarella, O Spaargaren, L Thiombiano, E Van Ranst, M Yemefack, R Zougmore (szerk.): SOIL ATLAS OF AFRICA, Luxembourg: Publications Office of the European Union, 2013. 176 p. (ISBN:978-92-79-26715-4)
- Michéli E., P. Schad, O. Spaargaren, F. Nachtergaele, D. Dent (eds.): World Reference Base for Soil Resources. 2nd Edition. FAO/ISRIC/IUSS (ISBN 92-5-105511-4), Rome. 2006. (130 pages).
- Michéli E: The World Reference Base for Soil Resources In: **Encyclopedia of Soil Science** Series: Encyclopedia of Earth Sciences Series, Chesworth, Ward (Ed.) (ISBN: 1-4020-3994-8), Springer-Verlag New York Inc. 2007. (119-122 pages).
- Michéli.E., O. Spaargaren: Other Systems of Soil Classification. In: Y. Li and M.E. Sumner (eds.) Handbook of Soil Sciences: Properties and Processes, Second Edition. CRC Press, Boca Raton, FL. (PP 32.1-32.34) 2011 .
- Michéli, E., Szabari, Sz., Láng, V., Waltner, I., Dobos, E.: Applying diagnostic categories of the World Reference Base for Soil Resources (WRB) for identifying and delineating risk areas of salinization and sodification, *Cereal Research Communications*, 2009. Vol. 37. No. 3. 399-402. IF=1,037
- Fuchs, M., Gál, a. & Michéli E., Depth distribution of SOM stock in fine-textured soils of Hungary. *Agrokémia és Talajtan*, 2010. 59, No 1. 93-98.
- Láng, V., Fuchs, M., Waltner, I. & Michéli, E., Taxonomic distance measurements applied for soil correlation. *Agrokémia és Talajtan*, 2010. 59 No 1. 57-64.
- Michéli, E. és Fuchs M.: „Bridging the Centuries: 1909–2009”. Centennial meetings on the occasion of the 100th anniversary of the 1st International Conference of Agrogeology. *Agrokémia és Talajtan*, 2010 Vol. 59. No 1. 195-202. pp.
- Dobos E., Michéli E. M. F. Baumgardner, L.Biehl: Use of combined digital elevation model and satellite radiometric data for regional soil mapping. *Geoderma*, Elsevier 2000. 97: 367-391. IF= 1,068
- Gál A; Vyn T J; Michéli E; Kladivko E J; McFee WW.: Soil carbon and nitrogen accumulation with long-term no-till versus moldboard plowing overestimated with tilled-zone sampling depths. *Soil and Till Research*. 2007. 96. 42-51. IF=1.813

List of recent contracts / grants

- Developing organic carbon related diagnostic categories to support soil classification, mapping.
OTKA (Hungarian Scientific Research Fund (2005-2009)
- e-SOTER - Regional pilot platform as EU contribution to a Global Soil Observing System, EU FP7 (2008-12)
- GS Soil (Assessment and strategic development of INSPIRE compliant Geodata-Services for European Soil Data) EU eContentplus (2009-2012)
- The development of the principles of state-of-the-art soil observation, and information system to serve the conservation of soil resources of Hungary, OTKA (2008-2011)
- ENVASSO - ENVironmental ASsessment of Soil for mOnitoring, EU FP6 (2006-2007)
- INDEX- Indicators and thresholds for desertification, soil quality and remediation, EU FP6 (2004-2007)
- Improvement and international correlation of the Hungarian soil classification system
OTKA (Hungarian Scientific Research Fund (2005-2009)