

PERSONAL INFORMATION



NAME: Sándor Némethy PhD



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📍 Viola utca 10, H-8784 Kehidakustány, Hungary

Sex: Male | Date of birth: 05/06/1955 | Nationality: Hungarian and Swedish

POSITION

1. Senior Research Scientist in Regional Development, University of Pécs, Hungary
2. Associate Professor, Dept. of Conservation, University of Gothenburg, Sweden (20%)

WORK EXPERIENCE

2016.09.15 – present	Senior Research Scientist in Regional Development, University of Pécs, Hungary
2015.09.01 – 2020.02.28	Associate professor (50% of full time), Eszterházy Károly University, Károly Róbert Campus (former Károly Róbert University College), Gyöngyös, Hungary
2014.01.02 – 2014.08.31	Associate professor, University of Kaposvár, Hungary. International curriculum development. Subject areas: regional development, sustainable development, soil science, biogeochemical cycles, natural resources management.
2012.01.02 – 2014.12.31	Member of the Board of Professors of the Doctoral School of Environmental Agronomy at the University of Palermo, Italy.
2011.01.01 – present	Associate professor (10% of full time), University College of Tourism and Ecology (WSTiE), Sucha Beskidzka, Poland. Subjects taught in Polish and English: environmental management, regional planning, rural tourism, nature conservation and preservation of biodiversity, cultural heritage and tourism, oenotourism
2009.09.01 – 2013.10.31	Associate professor, Institute of Environmental Sciences and director of International Office, Károly Róbert University College, Gyöngyös, Hungary. Subjects taught on international courses in English: wine biochemistry, sensory evaluation of wines, biogeochemistry, soil science, environmental protection: management of Persistent Organic Pollutants (POPs)
2003.01.01. – present	Senior lecturer (Universitetslektor), Department of Conservation, University of Gothenburg, Gothenburg, Sweden. Subjects taught: Palaeoclimatology and Global Change; Marine Micropalaeontology and Marine Biogeochemistry; Geochronology; Historical geology; Wine science. From 2011 only 20% of full time, mainly distance work and occasional lecturing.
2003.01.01. – 2008.12.31	Departmental coordinator for the ERASMUS teacher and student mobility programme. Earth Sciences Centre, University of Gothenburg, Sweden.
1999.10.01. – 2001.12.31.	Educational consultant for the private health care sector, part time, Darlington Borough Council & ISPG, Darlington, UK. Organizing educational campaigns. Advisor on relevant EU legislation.
1999.10.01. – 2001.12.31.	Residential Care home manager (owner), part time, Darlington, UK. (Simultaneously with management studies at Darlington College of Technology & Institute of Management)

- 1998.08.01. – 2000.04.30. Social worker, Aycliffe Young People's Centre, Newton Aycliffe, UK.
- 1995.08.01. – 1997.08.31. Post-Doctoral Research Associate, University of Newcastle, UK. Method development for analysis of proteins preserved in fossil bones and parchment.
- 1990.01.02. – 1995.06.30. Post graduate fellowship in Marine Geology, Department of Marine Geology, Göteborg University, Göteborg, Sweden. Molecular Palaeontology. Establishing a new laboratory for the analysis of ancient biomolecules (proteins and DNA). Organizing international cooperation with East – European universities.
- 1988.09.01. – 1989.12.31. Care worker at Högsbo Hospital, Göteborg, Sweden. Working with old people at the psychogeriatric department, part time work simultaneously with full-time studies in marine geology at the University of Gothenburg.
- 1985.08.01. – 1988.08.15. Care worker at different hospitals in Malmö and Lund, Sweden. Full time work and part time studies at University of Lund: IT, applied physiology
- 1983.07.01. – 1984.06.20. Toxicologist, manager of histo-toxicological laboratory at NEVIKI (Heavy Chemical Research Institute), Veszprém, Hungary. Responsibilities: testing agricultural chemicals, environmental risk assessment.

EDUCATION AND TRAINING

Date	
2020	Habilitation in Earth Sciences, University of Pécs, Hungary
2003	Post Graduate Diploma in Applied Environmental Science: Environmental and Health Inspector – University of Gothenburg, Sweden. Environmental management, environmental chemistry, climatology and climate change, environmental law, catastrophe management
2002	2002 Post Graduate Diploma in Strategic Management – Institute of Management, Darlington College of Technology & University of Teesside, UK
1995	PhD in Marine Geology, University of Gothenburg, Sweden. Molecular palaeontology and marine biogeochemistry
1988 – 1990	BSc in Marine Geology, University of Gothenburg, Sweden
1987 – 1988	Advanced course in applied zoophysiology: "The indium - transferrin complex - a tool for tracing tumours" University of Lund, Sweden
1988	Proficiency in English, University of Lund, Sweden
1987	First Certificate in English, University of Cambridge, UK
1985	Proficiency in Swedish language, University of Lund, Sweden
1983	MSc in Biology, József Attila University of Sciences, Szeged, Hungary, (5 years full time studies)
1975 - 1977	Academy of Education, Pécs, Hungary: two years academic training in agriculture (horticulture and viticulture), animal husbandry, art, art history, biology, didactics.

PERSONAL SKILLS

Mother tongue(s) Hungarian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Swedish	C2	C2	C2	C2	C2
Polish	B2	B2	B2	B2	B1
Italian	B1	B1	B1	B1	B1
German	A1	A1	A1	A1	A1
Russian	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

- Professional Interpersonal Communication (verbal and non-verbal communication, effective speaking, personal presentation and appearance, active listening, reflecting and clarification)
- Writing
- Effective and efficient media communication

Organisational / managerial skills

- Advanced strategic planning and monitoring
- International networking

Job-related skills

- Wide education in natural sciences and humanities
- Special qualification in viticulture (as a part of agricultural and horticultural training)
- Special training in industrial microbiology and fermentation technology
- Experience in exploring organizational structures and identifying paradigms
- Qualified manager
- Experience in social marketing
- Familiar with EU institutions and administration
- Many years of international experience
- Artist, solid background in painting, drawing and graphic techniques

Computer skills

- Advanced user of all applications of Office professional packages
- Internet: information search and communication platforms
- Harward Graphics advanced presentations (versions 3 and 4)

Driving licence

- AM and B

ADDITIONAL INFORMATION

Total number of publications:	101
Conference papers:	45
Publications selected (last 5 years):	<p>Némethy, S., Bornmalm, L., Lagerqvist, B., Huszár, Z., and Havasi, B. (2020): Inland navigation and shipbuilding industry at Lake Balaton, Hungary (in Swedish: Insjöfart och varvsindustri på Balatonsjön i Ungern); Länspumpen, Nr. 4, pp. 46 – 54; ISSN 0281-4242; Länspumpen Sjöfartshistorisk Förening i Göteborg. www.lanspumpen.se</p> <p>Némethy, S., Takács, T., Szemethy, L., Dinya, A., Barócsi, Z. and Péterffy-Némethy, I. (2020): Collection, cultivation and processing of medicinal plants, herbs and spices in the Balaton Ecomuseum – herbal medicine as intangible cultural heritage. <i>Ecocycles</i>, 6(1), 52-87. https://doi.org/10.19040/ecocycles.v6i1.166</p> <p>Némethy, S. (2019): The Balaton Ecomuseum – Touristic Product and Landscape Management in One System. In English with English and Polish abstract; chapter in monography: <i>Parki Narodowe i Otoczenie Społeczno – Gospodarcze. Skazani na Dialog (National Parks and the Socio – economic Environment. Condemned to Dialogue)</i> pp. 175 – 203. Wyższa Szkoła Turystyki i Ekologii w Suchej Beskidzkiej, ISBN 978-83-947044-1-4</p> <p>Némethy, S.; Bartos, A. (2019): Equestrian tourism and horse breeding in Hungary and Slovenia –environmental sustainability and conservation of cultural heritage: a strategic approach. <i>ECOCYCLES</i> 5:1 pp. 67-97., 31 p. (2019).</p> <p>Némethy, S.; Szemethy, L. (2019): Adverse and beneficial effects of woody biomass feedstock plantations on wildlife habitats. In: Martin, Prcík; Marian, Kotla - <i>Fast-growing trees and plants grown for energy purposes</i>. Nitra, Szlovákia: Slovak University of Agriculture, Nitra, Slovak Republic; (2019) Paper: CD</p> <p>Némethy, S.; Szemethy, L. (2019): The sustainability of woody biomass feedstock production and landscape management: land use, phytoremediation, biodiversity, and wildlife habitats <i>ECOCYCLES</i> 5:1 pp. 44-55., 12 p. (2019).</p> <p>Némethy, S. (2019): The importance of mineral-based soil improvers in viticulture (In Hungarian. Ásványi alapú talajjavító anyagok jelentősége a szőlészetekben <i>ÉRTÉKÁLLÓ ARANYKORONA</i> 19: 3 pp. 16-18., 3 p. Matarka. Publication: 30675627</p> <p>Csapó, J; Némethy, S.; Albert, Cs. (2019): Food counterfeiting in general; counterfeiting of milk and dairy products. <i>ECOCYCLES</i> 5:1 pp. 26-41., 16 p.</p> <p>Csapo, J. & Némethy, S. (2018): Functional, health protecting and health maintaining food products. <i>Ecocycles</i>, Vol. 4. No. 1. 2018. pp. 73 – 82. eISSN 2416-2140.</p> <p>Némethy, S. (2018): Bioenergetics in the context of society, economy and environment (In Hungarian. Bioenergetika társadalmi, gazdasági és környezeti kontextusban). <i>Magyar Tudomány (Hungarian Science)</i>, 179 (8) pp. 1232 – 1243</p> <p>Némethy, S. – Lagerqvist, B. (2018): Multifunctional organic agriculture and sustainable agritourism based on the utilization of local organic products – presentation of the Azienda Agricola Model developed after Italian good practices (in Hunarian: A multifunkcionális ökológiai mezőgazdaság és a helyi ökológiai termékek (organikus v. biotermékek) hasznosítására épülő fenntartható agroturizmus. Az olaszországi jó gyakorlatok alapján kifejlesztett Azienda Agricola Modell bemutatása. In: Gonda Tibor (szerk): <i>Ízes vidék: A helyi termékek és a vadon termő növények szerepe a gasztronómiában és gasztroturizmusban</i>. Pécs, Magyarország KampInvest Kft. pp. 108-129.</p> <p>Walas, B.; Fedyk, W.; Pasierbek, T.; Némethy, S. (2018): Diagnosis of functioning of national parks in Poland in their socioeconomic environment. <i>Economic Problems of Tourism</i> 3:43 pp. 69-79.</p> <p>Némethy, Sándor; Dinya, László; Bujdosó, Zoltán ; Zádori, Iván ; Varga, Géza (2017): Self-sufficient rural economies and communities based on ecological cycles (In Hungarian: Ökológiai ciklusokra épülő önfenntartó vidéki gazdaságok és faluközösségek). <i>A FALU</i> 32: 1 pp. 15-26, 12 p. (2017).</p>

Némethy, Sándor (2017): Sustainable solutions in Swedish cities – the Hammarby Model (in Hungarian: Fenntartható megoldások svéd városokban - a Hammarby-modell) CITY HUNGARY 1 pp. 52-52, 1 p. (2017)

Sándor, Némethy; Bartłomiej, Walas ; Bosse, Lagerqvist (2017): The role of ecosystem services in rural tourism: Evaluation of carrying capacity of touristic destinations in ecologically sensitive rural areas to prevent over-exploitation. JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 5:1 pp. 29-40, 12 p. (2017)

Walas, B; **Némethy, S.** (2017): Attempt to assess tourist products in rural areas based on the Kano method as basis of customer experience. ECOCYCLES 3 : 2 pp. 24-31. , 8 p. (2017)

Lagerqvist, B., **Némethy, S.**, Dinya, L., Huszár, Z., Zádori, I., Kőmíves, T., Bujdosó, Z., Nemeskéri, Zs. (2016): Sustainable Management of Cultural Landscapes: Use of Ecosystem Services in Rural Tourism. In: Ecological Footprint in Central Europe. Multiauthorial Monograph. pp. 91 – 107. The University College of Tourism and Ecology Press, Sucha Beskidzka, Poland, 2016. ISBN: 978-83-926999-3-4

Némethy, S., Bitsánszky, A., Schmutz, Z., Junge, R., Kőmíves, T. (2016): Protecting Plants from Pests and Diseases in Aquaponic Systems. In: Ecological Footprint in Central Europe. Multiauthorial Monograph. pp. 166 – 179. The University College of Tourism and Ecology Press, Sucha Beskidzka, Poland, 2016. ISBN: 978-83-926999-3-4

Némethy, S., Kőmíves, T. (2016): On Ecocycles and circular economy. Ecocycles, the official online journal of European Ecocycles Society. 2:1, pp. 44-46 (DOI prefix 10.19040 [CrossRef], ISSN 2416-2140).

Némethy, S., Bornmalm, L., Lagerqvist, B., Havasi, B. (2016): Insjöfart och varvsindustri på Balatonsjön i Ungern. Från antikens farkoster till slutet av ångbåtstrafikens första period 1890. (Inland waterways and shipyards on the Lake Balaton, Hungary. From antique ships to the beginning of the first period of steamboat traffic). In Swedish. Submitted to LänsPumpen ISSN 0281-4242

Némethy, S., Walas, B., Lagerqvist, B., Dinya, L. and Bujdosó, Z. (2016): Oenotourism and conservation: a holistic approach to special interest tourism from a cultural heritage perspective – The Azienda Agricola Model. Ecocycles, the official online journal of European Ecocycles Society. 2:1 (DOI prefix 10.19040 [CrossRef], ISSN 2416-2140).

Némethy, S. & Walas, B. (2016): Bioenergy crops as new components of rural and agricultural landscapes: environmental and social impact, conservation, cultural heritage and economy. Journal of Central European Green Innovation, (JCEGI 3(TI)) HU ISSN 2064-3004, Hungary

Némethy, S; Bornmalm, L; Lagerqvist, B; Havasi, B. (2016): Inland waterways and shipyards on the Lake Balaton, Hungary. From antique ships to the beginning of the first period of steamboat traffic (In Swedish: Insjöfart och varvsindustri på Balatonsjön i Ungern. Från antikens farkoster till slutet av ångbåtstrafikens första period 1890). LÄNSPUMPEN 16: 3 pp. 54-62., 9 p.

Némethy, S; Lagerqvist, B; Walas, B. (2015): Economically sustainable organic wine production and ecological wine tourism can ensure the conservation of valuable viticultural landscapes and their cultural heritage. Journal of Central European Green Innovation (JCEGI) 3: klnsz pp. 111-124., 14 p.

Némethy, S; Walas, B. (2015): Bioenergy crops as new components of rural and agricultural landscapes: environmental and social impact, conservation, cultural heritage and economy JOURNAL OF CENTRAL EUROPEAN GREEN INNOVATION 3: Thematic issue pp. 111-124., 14 p.

Némethy, S; Molnár, G. (2014): Sustainable management of lakes in connection with mitigation of adverse effects of climate change, agriculture and development of green micro regions based on renewable energy production. International Journal of Environmental Quality (EQA) 13 pp. 21-35., 15 p.

The 10 most important conference papers and presentations of the last 5 years

Szemethy, L; **Némethy, S.** (2019): Wild boar and red deer might be beneficial for forest soils. In: Zdruli, P; Sallaku, F; Costantini, E; Dazzi, C (szerk.): Soil's contribution to people: from food to life supporting services: Book of Abstracts and Field Excurison. Proceedings of 9th ESSC International Congress, Tirana, Albania 26 – 28 September, 2019. Le Penseur di Antonietta Andriuoli, Brienza, Italy. pp. 32-32. 1 p.

Némethy, S; Lagerqvist, B. (2019): The importance of mineral-based soil improvers in organic farming. In: Zdruli, P; Sallaku, F; Costantini, E; Dazzi, C (szerk.): Soil's contribution to people: from food to life supporting services: Book of Abstracts and Field Excurison. Proceedings of 9th ESSC International Congress, Tirana, Albania 26 – 28 September 2019. Le Penseur di Antrietta Andriuoli, Brienza, Italy. pp. 62-62., 1 p.

Némethy, S.; Lagerqvist, B. (2019): The Balaton Ecomuseum – a case study on heritage tourism and stakeholder management. pp. 98-98., TOURMAN 2019 Conference "Tourism, travel and hospitality at crossroads: The way ahead - Thessaloniki, Greece, the 24th to the 29th of October 2019

Lagerqvist, B; **Némethy, S.** (2019): The Azienda Agricola Model and the terroir-concept – a heritage-based sustainable tourism development pp. 97-97. TOURMAN 2019 Conference "Tourism, travel and hospitality at crossroads: The way ahead", Thessaloniki, Greece, the 24th to the 29th of October 2019

Némethy, S. (2019): The Balaton Ecomuseum. Intangible Cultural Heritage - Interreg CULTURECOVECRY Conference and workshop, Graz, Austria. 1st – 3rd October 2019

Némethy, S. (2018): Conservation of cultural landscapes based on the Azienda Agricola Model and the management of cultural heritage by creating landscape observatories and ecomuseums. In: Dinya, László; Csemák, József (ed.): 16th International Scientific Days Summaries of presentations and posters, Gyöngyös, Hungary: Líceum Publishing Ltd., (2018) pp. 195-195., 1 p.

Némethy, S. (2018): The proposed Ecomuseum for the Balaton Lake area in Hungary – a concept for a landscape observatory? Start up conference and workshop for the establishment of Västra Götaland Landscape Observatory, Mariestad, Sweden, 19th of April 2018.

Zádori, I; **Némethy, S.** (2017): Internationalisation of education in wine science – the economy and the future of education in viticulture and oenology. Meeting of Wine Universities and Wine Regions – International Conference of University of Pécs in Szekszárd, 2017. September 14th.

Némethy, S; Lagerqvist, B; Dinya, L; Walas, B; Zádori, I. (2017): A new higher education model for cross-disciplinary education of cultural landscape managers: the SUMCULA-concept. pp. 92-94. In: Hülber, László; Tamásné, Fekete Adrienne (eds.): II. Conference for Education Planning and Informatics in Education, Eger, Hungary: Líceum Publishing Ltd., (2017) p. 135

Némethy, S. and Zádori, I. (2017): The holistic Azienda Agricola Model for the ecosystem-based protection of agricultural landscapes and the sustainable management of rural touristic destinations. 59th Georgikon Scientific Conference, 28th of September 2017.

Projects:

- 2017 - 2020** **CULTURECOVERY** Interreg Central Europe. Conservation of Intangible Cultural Heritage through ecomuseums. Expert contracted by Lake Balaton Development Coordination Agency to create the Master Plan for the Balaton Ecomuseum and develop strategies for the conservation of cultural heritage by the 30th of June 2020.
- 2017 - 2020** **SUMCULA** (Sustainable Management of Cultural Landscapes) coordinator and one of the inventors together with prof. Bosse Lagerqvist. International education and research project launched by the Department of Conservation, University of Gothenburg involving the University of Pécs, University of Pannonia, University of Palermo and 9 other European universities, research institutes and non-profit scientific organisations
- 2013** **Ecocycles 3.** Erasmus Intensive Programme on sustainable use of natural resources and regional development, Italy, Palermo, Sicily. Coordinator and inventor of the programme with eleven participating countries and twenty-one universities
- 2012** **Ecocycles 2.** Erasmus Intensive Programme on sustainable use of natural resources and regional development, Sweden: Alnarp, Malmö, Lund. Coordinator and inventor of the programme with eleven participating countries and twenty-one universities
- 2011** **Ecocycles 1.** Erasmus Intensive Programme on sustainable use of natural resources and regional development, Hungary: Gyöngyös, Budapest, Veszprém, Balaton. Coordinator and inventor of the programme with eleven participating countries and twenty universities
- 2010** **Ecovitis II.** Erasmus Intensive Programme on sustainable viticulture and oenology, Italy: Piemonte (Torino), Toscana (Siena) and Marche (Ancona). Coordinator and inventor of the programme with six participating countries and eight universities
- 2008** **Ecovitis I.,** Erasmus Intensive Programme on sustainable viticulture and oenology, Italy: Udine and Torino. Coordinator and inventor of the programme with six participating countries and eight universities
- 2006 - 2007** Organization of joint Swedish – Hungarian education programme within viticulture and oenology between Károly Róbert University College and University of Gothenburg

Research interests:

1. Conservation and management of cultural landscapes
2. Landscape observatories and ecomuseums
3. Ecological cycles in agriculture
4. Regional development based on ecological cycles
5. Micro-regional development
6. Sustainable waste management
7. Wine tourism and wine geography
8. Wine flavor chemistry
9. Environmental sociology

Memberships:

- 2013 - present** Secretary General of European Ecocycles Society
- 2011 - present** Member of the City Hungary Foundation's "Cities of Tomorrow" Jury
- 2010 – 2013** Member of the International Committee of the Hungarian Rectors' Conference
- 2000 – 2005** Institute of Management (IM), UK
- 1990 - 1995** European Union of Geosciences (EUG)