CURRICULUM VITAE

Béla PIRKÓ

Personal data:

Place and Date of Birth: Miskolc, 28 March 1974
Citizenship: Hungarian
Office Address: H-1022 Budapest, Herman Ottó út 15.
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Educations

1992–1997:	University of Agriculture, Gödöllő/Hungary, Agricultural Engineer of Environmental Management
1992–1997:	University of Agriculture, Gödöllő/Hungary, German-Hungarian Translator
1998–2000:	University of Agriculture, Gödöllő/Hungary, Soil Conservation Engineer

Positions

1998 – 2000:	Soil Conservation Inspector, Plant Protection and Soil Conservation Office of County Pest
2000:	Administrator, Environmental Ministry, Department of Groundwater and Soil Conservation
2000 – 2016:	Deputy Director, Plant Protection and Soil Conservation Directorate of Governmental Office in County Pest
2016 - :	Research Fellow, Department of Soil Chemistry and Material Turnover, Institute for Soil Sciences Centre for Agricultural Research

Language skill: German, English

Experiences

- Knowledge of agricultural regulations particulary in soil conservation and nutrient management
- Soil Conservation expert of the National Food Safety Office
- Soil nutrient (NPK) seasonal dynamics in field studies
- Nutrient management and nutrient use efficiency evaluation
- Development of soil sampling method technologies and field testing

Main projects:

- Involvement in the development of Soil Degradation Subsystem of the National Environmental Information System (OKIR) TDR (KEOP-6.3.0 / 2F / 09-2009-0006, 2010-2013)
- Participation in the project "Development of Innovative Vermicomposting Technology for the Recycling of Municipal Sewage Sludge" supported by the Norwegian Fund
- Coordination, data evaluation and report writing of the project "Nitrogen efficiency assessment and determination of new Nmax values adapted to farmers' conditions", funded by the Ministry of Agriculture.
- Participation in the TUdi project - Transforming unsustainable soil management in key agricultural systems in the EU and China.

Main publications:

J. Loch - E. Bertáné Szabó - **B. Pirkó**: Nitrogen advisory fertilizer system and monitoring in Hungary, Fertilizers and fertilization, Nr 37/2009. p. 59-73, ISSN 1509-8095

E. Bertáné Szabó - J. Loch - **B. Pirkó**: Experiences with the determination of nitrogen by 0.01 M $CaCl_2$ extractant in Hungarian soils and long-term experiments, Fertilizers and fertilization, Nr 37/2009. p. 182-195, ISSN 1509-8095

J. Szabó **– B. Pirkó** - G. Sz. Kele - M. Dombos – P. László – S. Koós – Zs. Bakacsi – A. Laborczi- L. Pásztor: The Soil Degradation Subsystem of the Hungarian Environmental Information System, Geophysical Research Abstracts, Vol. 15, EGU 2013-7534, 2013.

S. Koós – **B. Pirkó** – G. Szatmári – P. Csathó – M. Magyar – J. Szabó – N. Fodor – L. Pásztor – A. Laborczi – K. Pokovai, Klára Influence of the Shortening of the Winter Fertilization Prohibition Period in Hungary Assessed by Spatial Crop Simulation Analysis SUSTAINABILITY 2021 : 13 Paper: 417 (2021)

E. Tóth – M. Dencső – **B. Pirkó** – Zs. Bakacsi – S Koós A talaj ammónia kibocsátásából adódó környezetterhelés és annak monitorozási, mérési lehetőségei AGROKÉMIA ÉS TALAJTAN 69 : 1-2 pp. 107-126. , 20 p. (2020)

B. Pirkó – S. Koós – J Szabó – L. Radimszky – P. Csathó – T. Árendás – N. Fodor – A. Szabó Results of Hungarian field test trials set up for establishing new maximum permitted N dose values STUDIES IN AGRICULTURAL ECONOMICS 122 : 2 pp. 77-85. , 9 p. (2020)

A. Szabó – S Koós – J. Szabó – L. Radimszky – P. Csathó – T. Árendás – N. Fodor – **B. Pirkó** Az új maximálisan megengedett N dózisértékek megállapítására létrehozott magyarországi terepi tesztek eredményei In: Alkalmazkodó mező- és erdőgazdálkodás: Talajtani Vándorgyűlés 2020: absztrakt füzet (2020) 44 p. pp. 20-21. , 2 p.

M. Magyar, **B. Pirkó**, J. K. Seenger, N. H. Baranyai, K. Dublecz, T. Vojtela, R. Rák, Gy.Borka, A. Szabó, Zs. Benedek Advisory and Knowledge Transfer Tool for Ammonia Emission Mitigation on Pig Farms in Hungary APPLIED SCIENCES-BASEL 11 : 13 Paper: 5970 , 17 p. (2021)

E. Tóth, M. Dencső, Á. Horel**, B. Pirkó**, Zs. Bakacsi Influence of Pig Slurry Application Techniques on Soil CO_2, N_2O, and NH_3 Emissions SUSTAINABILITY 14 : 17 Paper: 11107 (2022)

T. Vojtela, M. Magyar, S. Koós, N. Péterfalvi, L. Fenyvesi**, B. Pirkó** Survey of applied ammonia mitigation technologies in the Hungarian pig production practice ARCHIVES OF ENVIRONMENTAL PROTECTION 48 : 1 pp. 83-91. , 9 p. (2022)