

CURRICULUM VITAE

András Torma

EMPLOYMENT

1 October 2015 – Head, Department of Applied Sustainability

1 April 2010 – 31 August 2014 – Executive Director, International Network for Environmental Management e.V., Hamburg

1 September 2008 – 31 March 2022 – Lead Qualifier, National Accreditation Authority

1 April 2008 – Associate professor, Széchenyi István University

1 April 2003 – professional manager – Environmental protection, AUDI Hungaria Zrt.

QUALIFICATIONS

2025: accredited ESG consultant

2018: Professional engineering – energy loss exploration, Széchenyi István University (Győr), Hungary

2008: PhD Economic and organizational sciences (specialization: environmental economics), Budapest University of Technology and Economics, Hungary

2003: MSc Engineering management, Budapest University of Technology and Economics, Hungary



MANAGEMENT EXPERIENCE

- managing the operation of university department, leading of projects, developing sustainability strategies
- general executive manager experience in international organization with more than 80 member organizations, leading of international projects
- project lead in international and national funded R&D programs in consortiums
- managing of sustainability related activities in business sector in multinational corporation (with more than 10.000 employees) – strategic planning, coordination of strategic projects, coordination and managing of the environmental management system, environmental communication, managing of the scientific and social contacts, supply chain management, energy-management, carbon-neutrality

TEACHING PORTFOLIO

- Environmental Management (*Faculty of Agricultural and Food Sciences*)
- Environmental Assessment (*Faculty of Agricultural and Food Sciences*)
- Material and Resource Efficiency (*Faculty of Agricultural and Food Sciences*)
- Assessment of Technology Systems (*Faculty of Agricultural and Food Sciences*)
- Competency-based Project Management (*Faculty of Agricultural and Food Sciences; Audi Hungaria Faculty of Vehicle Engineering*)
- Good Governance in ESG (*Faculty of Agricultural and Food Sciences*)
- Scope 1-2-3 in Practice (*Faculty of Agricultural and Food Sciences*)
- Sustainability Indicators in ESG (*Faculty of Agricultural and Food Sciences*)
- Development of Sustainability Strategies (*Faculty of Agricultural and Food Sciences*)
- Sustainability disclosure methods (*Faculty of Agricultural and Food Sciences*)
- Auditing practises in ESG (*Faculty of Agricultural and Food Sciences*)

PHD SUPERVISION

Current doctoral students:

5

SCIENTIFIC STUDENT ASSOCIATIONS' CONFERENCE CONSULTATIONS

Number of students	1st place	2nd place	3rd place	Special award
8	2	2	4	3

FOREIGN LANGUAGE-KNOWLEDGE

- **German** – General – Advanced C
- **English** – General – Advanced C

AWARDS AND HONOURS

2022 – Award for the Environmental Higher Education

2023 – 'Kitaibel Pál' Environmental Medal for outstanding environmental activities

NATIONAL, INTERNATIONAL ORGANIZATIONAL AND MANAGEMENT EXPERIENCE

2024 – Green Planet Division of the Hungarian ESG Association, **President**

2023 – Circular Economy Science Park (CESP), **Scientific Advisory Board Member**

2023 – Cross-border Sustainability Technical Committee, **Member**

2020 – 2025 – Environmental Committee of Municipality of Győr, **Member**

2018 – 2019 – Hungarian CO₂-coalition, **President**

2009 – Hungarian Academy of Sciences, Environmental Technologies Workgroup of the Engineering Committee
Member

SELECTED LIST OF PUBLICATIONS

D1

Németh Péter, Zseni Anikó, Torma András: Multidimensional comparison of life cycle footprint of hydrogen production technologies; CLEANER ENGINEERING AND TECHNOLOGY 24 Paper: 100902 (2025)

Q1

Macher Gergely Zoltán, Torma András, Beke Dóra: The impact of asbestos cement pollution in irrigation water on physiological and germination characteristics of Trifolium pratense, Medicago sativa, and Solanum lycopersicum seeds; SCIENTIFIC REPORTS 15 : 1 Paper: 16265 (2025)

Q1

Macher Gergely Zoltán, Beke Dóra, Torma András: Water quality of harvested rainwater from asbestos cement roofs and its suitability for irrigation; CLEAN TECHNOLOGIES AND ENVIRONMENTAL POLICY Recent Progress in Controlling Pollution, Promoting Sustainable Circularity, and Aiding Resilient Farming : 1 p. 1 Paper: e04691 (2025)

- D1 Sebestyén, Viktor ; Trájer, Attila János ; Domokos, Endre ; Torma, András ; Abonyi, János: Objective well-being level (OWL) composite indicator for sustainable and resilient cities, in *ECOLOGICAL INDICATORS* 158 p. 111460 Paper: 111460 (2024)
- Q3 András, Torma ; Péter, Németh ; Barna, Hanula: Hydrogen Policy Environment in the European Union, Current Status of Policy Uptake, in *CHEMICAL ENGINEERING TRANSACTIONS* 107 pp. 499-504. , 6 p. (2023)
- Q3 Gergely, Zoltán Machera ; Dóra, Beke ; András, Torma: Integrated Analysis and Assessment of the Hungarian Regions in Terms of Health Problems and Waste Management Challenges caused by Asbestos, in *CHEMICAL ENGINEERING TRANSACTIONS* 107 pp. 361-366. , 6 p. (2023)
- Q3 Péter, Németh ; András, Torma ; Eszter, Lukács ; Bálint, Filep: Sustainability Opportunities and Barriers at Universities, Development of a Sustainable University Environment, in *CHEMICAL ENGINEERING TRANSACTIONS* 107 pp. 505-510. , 6 p. (2023)
- Q3 Kósi, Kálmán ; Torma, András: Tracing material flows on industrial Sites, in *PERIODICA POLYTECHNICA SOCIAL AND MANAGEMENT SCIENCES* 13 : 2 pp. 133-150. , 18 p. (2005)
- Q4 Macher, Gergely Zoltán ; Torma, András ; Beke, Dóra: A települési és mezőgazdasági vízgazdálkodás azbeszt okozta kockázati tényezői a krizotil-azbeszt vonatkozásában, in *AGROKÉMIA ÉS TALAJTAN* 72: 1 pp. 44-63. , 20 p. (2023)
- Q4 Buruzs, Adrienn ; Hatwágner, Ferenc Miklós ; Torma, András ; Kóczy, T. László: Expert Based System Design for Integrated Waste Management, in *WORLD ACADEMY OF SCIENCE ENGINEERING AND TECHNOLOGY* 8: 12 pp. 815-823. , 9 p. (2014)
- Q4 Buruzs, Adrienn ; Torma, András ; Kóczy, T. László ; Hatwágner, Ferenc Miklós: Retrospective Reconstruction of Time Series Data for Integrated Waste Management in *WORLD ACADEMY OF SCIENCE ENGINEERING AND TECHNOLOGY* 8 : 12 pp. 3979-3982. , 4 p. (2014)
- Q4 Buruzs, Adrienn ; Torma, András: A Review on the Outlook of the Circular Economy in the Automotive Industry, in *World Academy of Science Engineering and Technology - International Journal of Environmental and Ecological Engineering* 11 : 6 pp. 576-580. , 5 p. (2017)

Google Scholar H-index: 7

MTMT H-index: 5
