



Ferenc Madai

Date of birth: 14/02/1965 | Nationality: Hungarian | Gender: Male | (+36) 302398821 |

askmf@uni-miskolc.hu |

Miskolc-Egyetemvaros, 3515, Miskolc, Hungary Déryné u. 6., 3525, Miskolc, Hungary

● WORK EXPERIENCE

01/07/2012 – CURRENT – Miskolc, Hungary

ASSOCIATE PROFESSOR, HEAD OF INSTITUTE OF MINERALOGY AND GEOLOGY – University of Miskolc

Lectured topics: Petrology, Geochemical exploration, Mineral Resource Management; Minerals Policy, Optical Mineralogy, Mineral resource exploration.

Leading the optical research laboratory.

Work in research and institution development projects (TÁMOP, GINOP, EFOP, Horizon2020, EIT RawMaterials).

Vice-dean on academic affairs of Faculty of Earth Sciences and Engineering.

Faculty coordinator of Stipendium Hungaricum scholarship programme,

Board member of AMIR EIT-Labelled joint master programme consortium

01/07/2004 – 01/07/2012 – Miskolc, Hungary

ASSOCIATE PROFESSOR, INSTITUTE OF MINERALOGY AND GEOLOGY – University of Miskolc

Lectured topics: Petrology, Geochemical exploration, Mineral Resource Management; Minerals Policy, Optical Mineralogy.

Leading practical lessons in mineralogy and microscopic petrography;

Leading the optical and electronmicroprobe research laboratories.

Work in research projects (OTKA, FP6, TÁMOP).

Vice-dean on academic affairs of Faculty of Earth Sciences and Engineering (since February 2006).

Hungarian representative in the CEN TC292/WG8 workgroup (Wastes from the extractive industry)

01/07/1997 – 01/07/2004 – Miskolc, Hungary

SENIOR LECTURER – University of Miskolc

Lectured topics: Applied Petrology, Mineral Resource Management, Minerals Policy, Optical Mineralogy, Mine Waste Geochemistry. Leading practical lessons in mineralogy and microscopic petrography;

Leading the optical research laboratory.

Work in research projects (OTKA, FKFP).

The secretary of the Faculty Council of Faculty of Earth Sciences and Engineering

15/08/1989 – 01/07/1997 – Miskolc, Hungary

PROFESSORS ASSISTANT – University of Miskolc

Leading practical lessons in mineralogy and microscopic petrography; Leading the optical research laboratory;

Curator of the mineral and rock collections of the department.

Participation in the research work of the department

● EDUCATION AND TRAINING

01/09/1996 – 30/06/2003 – Miskolc-Egyetemvaros, Miskolc, Hungary

PHD – University of Miskolc

www.uni-miskolc.hu

01/10/1997 – 30/09/1998 – University of Dundee, Dundee, United Kingdom

LL.M. (MASTER OF LAWS) IN MINERAL LAW AND POLICY – Centre for Energy, Petroleum and Mineral Law and Policy (CEPMLP)

<https://www.dundee.ac.uk/cepmlp>

01/09/1992 – 30/06/1995 – Miskolc-Egyetemvaros, Miskolc, Hungary

DR. UNIV. – University of Miskolc

www.uni-miskolc.hu

01/09/1984 – 30/06/1989 – Miklouho-Maclay St. 23., Moscow, Moscow, Russia

GEOLOGIST – Moscow State Geological Survey Academy (USSR)

<https://mgri.ru/>

● LANGUAGE SKILLS

Mother tongue(s): HUNGARIAN

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C1	C2	C1	C1	C1
RUSSIAN	C2	C1	B2	C1	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● DIGITAL SKILLS

Microsoft Word | Microsoft Office | Microsoft Powerpoint | Google Drive | Skype | Facebook | LinkedIn | Zoom

● PROJECTS

01/01/2020 – CURRENT

MOBI-US

<https://eitmobius.eu/>

The aim of the MOBI-US project is to strengthen the networking of raw materials-related university master programs by creating a set of structured mobility options for students between the ESEE partnering universities.

01/01/2020 – CURRENT

TrainESEE

<https://trainesee2.eu/>

TrainESEE v.2 is a capacity building project targeted at the six universities of the East and South Eastern Europe, with a focus on improving specific generic skills, in line with the curricula insufficiencies identified through the implementation of the EE S – Train ESEE pilot (2017-2018). The duration of the project is 2 years, during which four training modules will be developed, implemented and prepared as acceleration programmes: Teaching methodology; Project development and management; Innovation and entrepreneurial module and Science to Business module.

01/01/2017 – 31/12/2020

REEBAUX

The aim of this project is to collect and evaluate available data on bauxite deposits and bauxite residue accumulations in the ESEE region and on the respective rare earth elements (REE) concentrations. Results help to define perspectives and strategies for a viable REE production from bauxite primary and secondary resources.

01/01/2019 – CURRENT

AMIR-RIS

<https://amirmaster.eu/>

The AMIR programme has been developed to help students understand the full spectrum of all the core topics within the field of raw materials recycling. Drawing on the expertise of 6 European universities, AMIR brings together the collaboration of academia, industry and research partners to develop one of the world's leading programmes within the field of recycling.

01/09/2018 – CURRENT

IN4SOC

<https://blogs.upm.es/in4soc/>

This project is to enhance the involvement of technical universities in the social responsibility of organizations, as a pedagogical approach that considers the acquisition of the key social and civic competence of students and strengthens the engagement of academia with the community.

01/01/2016 – 01/09/2017

MINLEX

<https://op.europa.eu/en/publication-detail/-/publication/18c19395-6dbf-11e7-b2f2-01aa75ed71a1/language-en>

MINLEX "Legal framework for mineral extraction and permitting procedures for exploration and exploitation in the EU" in response to a need by the Commission to foster the sustainable supply of minerals from within Member States under the understanding that this can be achieved by improving the framework conditions of the extractive industries across the 28 Member States of the European Union.

01/01/2015 – 31/12/2018

INTRAW

<https://inraw.eu/>

INTRAW H2020 project focusing on mapping best practices and boosting cooperation opportunities on raw materials with technologically advanced non-EU countries (Australia, Canada, Japan, South Africa and the United States) in response to similar global challenges

01/09/2010 – 31/12/2011

Establishment of guidelines for the inspection of mining waste facilities, inventory and rehabilitation of abandoned facilities and review of the reference document on the best available techniques

https://ec.europa.eu/environment/waste/mining/pdf/Annex2_guidelines_inspection.pdf

2009 – 2011

Overall guidance document for characterization of wastes from the extractive industry

https://infostore.saiglobal.com/preview/98699918865.pdf?sku=876728_SAIG_NSAI_NSAI_2083766

Establishment of guidelines for the inspection of mining waste facilities, inventory and rehabilitation of abandoned facilities and review of the reference document on the best available techniques.

01/01/2015 – 31/12/2018

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01/02/2016 – 01/09/2017

MINLEX "Legal framework for mineral extraction and permitting procedures for exploration and exploitation in the EU"

<https://op.europa.eu/en/publication-detail/-/publication/18c19395-6dbf-11e7-b2f2-01aa75ed71a1/language-en>

"Legal framework for mineral extraction and permitting procedures for exploration and exploitation in the EU" in response to a need by the Commission to foster the sustainable supply of minerals from within Member States under the understanding that this can be achieved by improving the framework conditions of the extractive industries across the 28 Member States of the European Union.

01/01/2019 – 31/10/2020

Improving the safety of the tailings management facilities in the Danube river basin

<https://www.icpdr.org/main/improving-safety-tailings-management-facilities-danube-river-basin>

The project contributed to strengthen the technical and management capacity at the concerned facilities and responsible authorities by providing them with practical tools.

● **PUBLICATIONS**

full list of publications

<https://vm.mtmt.hu//search/slist.php?lang=0&top10=0&AuthorID=10028582>