

# Curriculum Vitae

## **Personal data**

Name: Attila Petrik  
Qualifications: MSc – Geography (specialised in Geoinformatics)  
(University of Pécs)  
Geoinformatics engineer (University of West Hungary)  
Nationality: Hungarian  
Mailing address: Sárberék 320, 2800 Tatabánya, Hungary  
Mobile/Fax: +3620 / 459-8118  
E-mail: petrik.atus@gmail.com

---

## **Education**

University: **University of Pécs**, Faculty of Natural Sciences, Institute for Geography, 2005-2010.  
Degree: MSc in Geography (excellent grade) (2010)  
MSc Theses: Microtectonic measurements and interpretation on the Mesozoic formations in the Villány Hills and Görcsöny-Máriakéménd Ridge (SW Hungary).  
**University of West Hungary**, Faculty of Geoinformatics, 2010-2012.  
Degree: Engineer of Geoinformatics (2012)  
BSc Thesis: Morphotectonic analysis of thrust-faulted zone using DTA. A case study for the Villány-Hills, Hungary.

Postgraduate: **Eötvös University**, Ph.D. program for Geology and Geophysics at the Ph.D. School of Earth Sciences. (2010-).  
PhD thesis: The structural evolution of South Bükk based on field works and analysis of reflection seismic profiles focusing on Miocene period.  
My supervisor is Dr. László Fodor.

## **Work and reserach experience**

### *Professional commissions:*

1. Employer: Geological Institute of Hungary (MÁFI)  
The beginning and the ending of the commission: 1/6/2007 - 25/11/2007  
The object of the commission: Structural measurements and their interpretation

along the Mecsekalja Dislocation Zone (SW Hungary).

2. Employer: Geological Institute of Hungary (MÁFI)  
The beginning and the ending of the commission: 12/4/2008 – 20/6/2008  
The object of the commission: Tectonic measurements in quarries of Mecsek and Villány-Hills.
3. Employer: Geological Institute of Hungary (MÁFI)  
The beginning and the ending of the commission: 1/8/2009 – 30/9/2009  
The object of the commission: Measurements and interpretation of tectonic elements in the Villány Hills.
4. In 2009 I joined to a Bilateral [intergovernmental S&T cooperation programmes](#) the aim of which was to search relations between the Eastern Alps and the Pannonian Basin's in terms of sedimentological and tectonic processes focusing on Late Jurassic and Cretaceous.
5. From 2012 I have carried out research activities at MTA ATK Institute for Soil and Agricultural Chemistry under the supervision of Dr. Győző Jordán senior researcher. The research is an integral part of my PhD topic relating to DEM analysis and its morphological interpretation.

### **Awards and honours**

- 2005-2010: Grant for Student of Excellence (University of Pécs)
- 2006-2010: The scholarship of Studium Endowment (The authority of Tatabánya)
- 2007: National Scientific Students' Associations Conference, the prize of Hungarian Geological Institute (MÁFI)
- 2007-2009: The scholarship of Schalkhammer Antal's Endowment
- 2009: Annual Meeting of Young Earth Scientists, 2<sup>nd</sup> place
- 2009: National Scientific Students' Associations Conference, 2<sup>nd</sup> place and the prize of Hungarian Geological Institute (MÁFI)
- 2009: The Conference of Égervölgy, Pécs, 1<sup>st</sup> place
- 2009/2010: Scholarship of the Ministry of Education of Hungary
- 2010: Annual Meeting of Young Earth Scientists, 3<sup>rd</sup> place, the prize of Hungarian Mining and Geological Institute and Public/audience prize
- 2010: The Conference of Égervölgy, Pécs, 1<sup>st</sup> place

- 2010: Semsey Andor medal for young geoscientists (Hungarian Geological Society)
- 2010: HUNGEO (Geoscientists' Meeting in Hungary), Hajdu-Moharos József's prize for the best degree.
- 2011: National Scientific Students' Associations Conference, 1<sup>st</sup> place
- 2012: Annual Meeting of Young Earth Scientists, the special prize of MOL Hungarian Oil and Gas Company

#### Publications

- publications in journals: 3
- conference proceedings: 3
- conference abstracts: 15
- other publications: 1

#### Memberships

- Hungarian Geological Society (2006-)
- Hungarian Geographical Society (2008-)
- Hungarian Structural Geological Association (2008-)
- Association of Hungarian Geophysicists (2011-)

#### **Skills**

Language knowledge: English (advanced level), Italian (intermediate level)

#### Computer-

skills: Kingdom, ILWIS (GIS), IDRISI (GIS), ArcGis (GIS), RockWorks, SURFER, TOPAZ (hydrological model), STATGRAF, CartaLinx, GRASS, Global Mapper, Windows Office (Windows, Word, Excel, Power Point, Explorer), CorelDraw, ImageJ, GIMP, TECTOR, TECTONICS FP, STEREO, FAULTWIN, WINTENSOR, Move (structural geological software).

Practices: Sedimentological, structural geological and mapping works in the south part of Transdanubia. Digital Terrain modelling and geoinformatical data processing.

Tatabánya (Hungary), 24/3/2013

Attila Petrik