



*15<sup>th</sup> Hungarian Geographical Contest*

*Final*

## **Fieldwork Exercise**

22 March 2024

### **Before you start**

Once again, our fieldwork leaves the streets of Pécs, and we go, well, not-so-deep inside the forest covering the Mecsek hills. Our target today is the Égervölgyi Lake, a popular site for small trips or picnics at the edge of the city.

Please read these notes carefully:

- The **fieldwork area** is depicted on the map attached to this sheet. It has a maximum length of 570 meters and a width of 100 meters. **You are not allowed to leave the fieldwork area. It does not mean you cannot make observations beyond these borders!**
- There are several paths in the forest; some are marked, and some are not. Plan carefully; you may not be able to walk them all, but it is not absolutely necessary; some parallel paths provide the same view.
- We will take you to the starting point. The rally point is the same: after you finish and/or your time is over, return to the starting point. It is important that you have to return on time. **Every single minute of your delay will be taken away from your time at the second part of the FW test.**
- Our team members will be stationed at various points in the field and will help guide you to stay within the designated fieldwork area.
- Please do not enter any private ground, only observe it from outside.
- Please be **safe and take care**: traffic is not so intensive, but bikers could appear without warning. Also watch your step; holes, roots and steep slopes may occur. Do not try to climb the steep hillside and/or the dam. Also, there is a lake, so keep your safe from water. Turtles do not want to share their habitation with you.
- You can have your cell phone with you to keep time and for emergencies. Please note that **taking photos and using the internet or any applications is strictly forbidden** during fieldwork. Throughout the connecting test at the university, **you will not be allowed to use smartphones either**. We have some covered agents on the field to control you, so do not risk! **Breaking the rules will result in immediate disqualification from the competition.**
- Our volunteers will remain on the field until the time is over and everybody returns to the rally point. In case of an emergency please call one of these numbers:
  - **Pirisi, Gábor: +3630 074 6468/ Máté, Éva +3630 074 6342**
- We are to take some **photos** during the fieldwork and during the competition as well; these will be posted on our website and social media account. If you have any problem with this, please let us know in advance.

**You have 75 minutes** measured from the start. The exact final time will be announced on the field.

Your primary task during the 75 minutes is OBSERVATION. You are allowed to take as many notes and drawings as you wish, this will help you during the fieldwork test in the classroom this afternoon. Observe *especially*...

- natural landscapes, vegetation, and physical geographical processes,
- the appearance of different functions or lack of functions.

The maps we provided have only essential elements; feel free to complete them with your observation, as it could be useful.

Good luck!



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Please, write your name here:

## Fieldwork Test [40 marks]

1. Complete **map A** with information on geomorphology, land use and urban geography. Create a legend for the new elements. Be accurate and provide a clear picture. [10 marks]
  
2. Geology
  - 2.1. There are some places in the area where the geology and rock types could be observed. Mark two sites on **Map A** where rocks are visible! [1 mark]
  
  - 2.2. There are basically two types of rock present in the valley. Mark the border of the geological layers in the picture. [1 mark]



2.3. Which layer is the older? [1 mark]

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2.4. What type of rock could they be? Mark the correct answer for both! [2 mark]

	No.1.	No.2.
Igneous		
Sedimentary		
Volcanic		
Metamorphic		

2.5. What could be the specific type of rock? Mark one from the list! [2 marks]

No.1.		No.2.	
Granite	<input type="checkbox"/>	Basalt	<input type="checkbox"/>
Siltstone	<input type="checkbox"/>	Breccia	<input type="checkbox"/>
Dolomite	<input type="checkbox"/>	Sandstone	<input type="checkbox"/>
Andesite	<input type="checkbox"/>	Limestone	<input type="checkbox"/>

2.6. Look at these large blocks of rocks. How do you think they got to their current location? [1 mark] Mark their place on your map! [1 mark]

	a. by fluvial erosion	<input type="checkbox"/>
	b. by landslide	<input type="checkbox"/>
	c. by glacial erosion	<input type="checkbox"/>
	d. by anthropogenic process	<input type="checkbox"/>

### 3. Geomorphology

3.1. Mark the place on the map where this picture might have been taken! [1 mark]



3.2. Name the process depicted in this picture! [1 mark]



3.3. The formation of this valley is connected with different processes and effects of water. Name and describe three different water-related processes or landforms you have observed here! [6 marks]

1.

2.

3.

#### 4. Recreation

This artificial lake is created for recreational purposes. As you have seen, this is a popular place for short forest walks and family picnics.

4.1. Identify three typical social groups, that regularly use this place. Justify your answer by naming precisely one piece of the recreation facilities in Éger Valley that is used by the target group. [3 marks]

1.

2.

3.



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4.2. Some groups have different interests and needs regarding this place. Describe one potential conflict between the users you distinguished above. Include social groups that might be conflicted. [2 marks]

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4.3. Name three ways the recreation functions could be improved in this valley. Name one social group targeted by this potential investment. Briefly argue whether these investments will increase or decrease conflicts between users of the Éger Valley. [6 marks]

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2.

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3.

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4.4. Please, apply your project actions to Map B. [3 marks]



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