

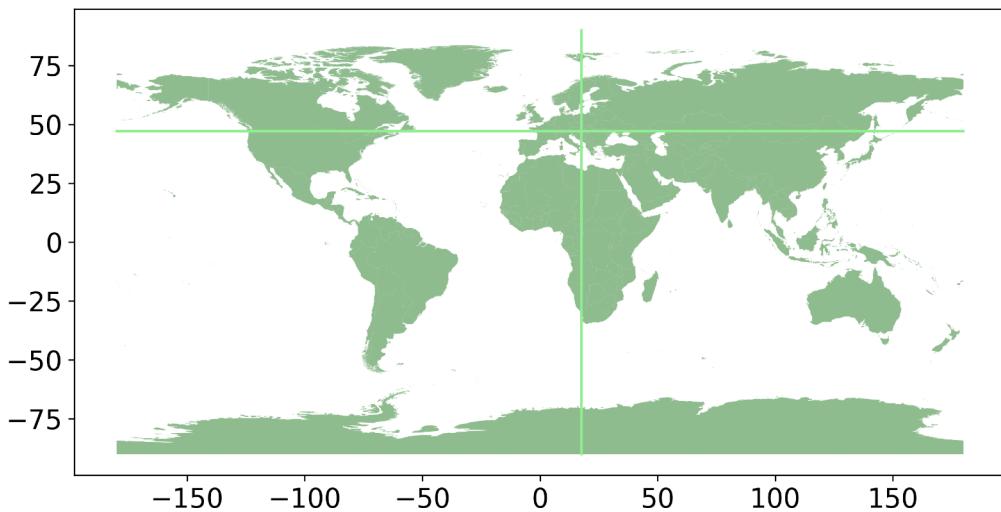
Natural Capital Location Report (Terrestrial)

Sitename: 2_2_20000

Lat: 47.083

Lon: 17.583

Country: Hungary



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The Natural Capital Location Report (Terrestrial) is a report that evaluates the area under interest in terms of biodiversity importance, ecosystem change (degradation), water risk, etc. The report shows the results of the analyses that corresponds to L (Locate) of the LEAP approach presented by the TNFD (Task Force on Nature-related Financial Disclosures).

Sitename: 2_2_20000

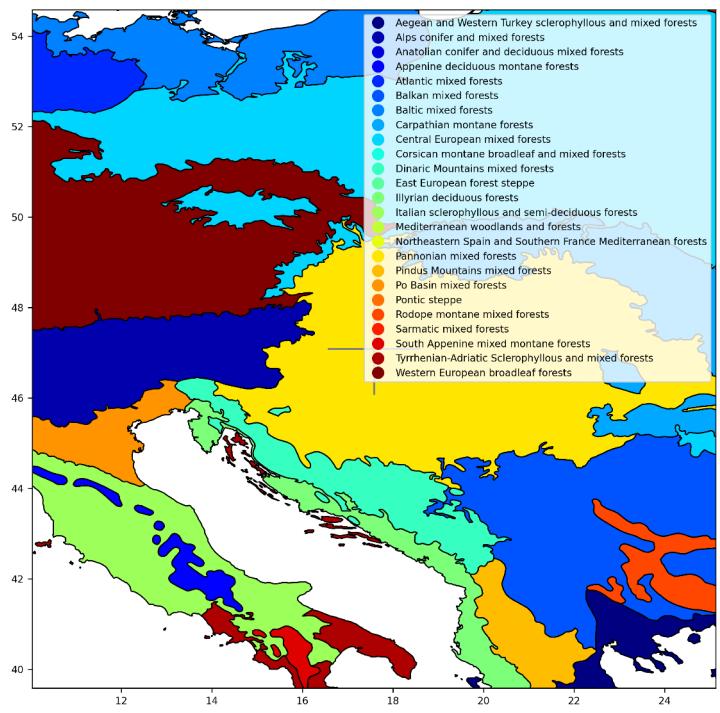
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ECOREGION

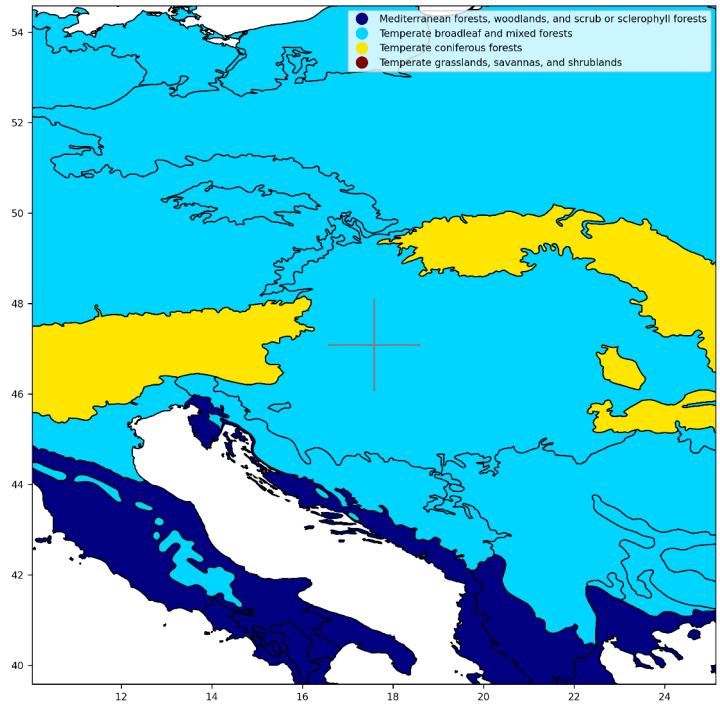
Dominant ecoregion around this location is [Pannonian mixed forests]



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BIOME TYPE

Dominant biome type around this location is [Temperate broadleaf and mixed forests]



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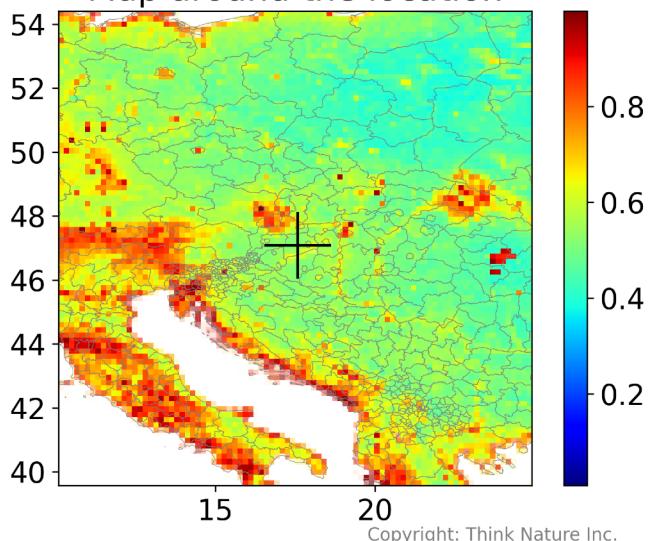
Country: Hungary

1. Terrestrial Biodiversity Importance

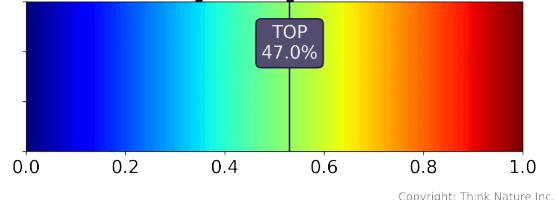
Global level: [INTERMEDIATE]

National level: [INTERMEDIATE]

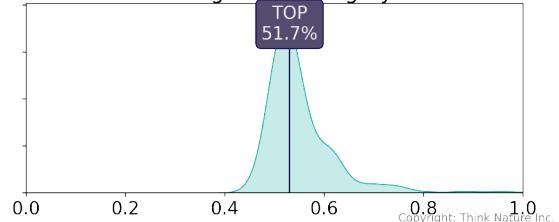
Terrestrial Biodiversity Importance
Map around the location



Terrestrial Biodiversity Importance
Histogram at global scale



Terrestrial Biodiversity Importance
Histogram at Hungary



The site here has #TOP 47.0% rank at the global scale, meaning [INTERMEDIATE] importance of terrestrial biodiversity.

Among Hungary, the site here has #TOP 51.7% rank at national level, meaning [INTERMEDIATE] importance of terrestrial biodiversity.

Terrestrial Biodiversity Importance:

An indicator of the importance of site's biodiversity in terms of extinction risk reduction, calculated using the species composition of +120,000 vertebrate and tree species, ranging from 0 to 1, with higher values indicating greater importance.

| Min | Max | Unit |
|-----|-----|---------|
| 0 | 1 | [Score] |

Sitename: 2_2_20000

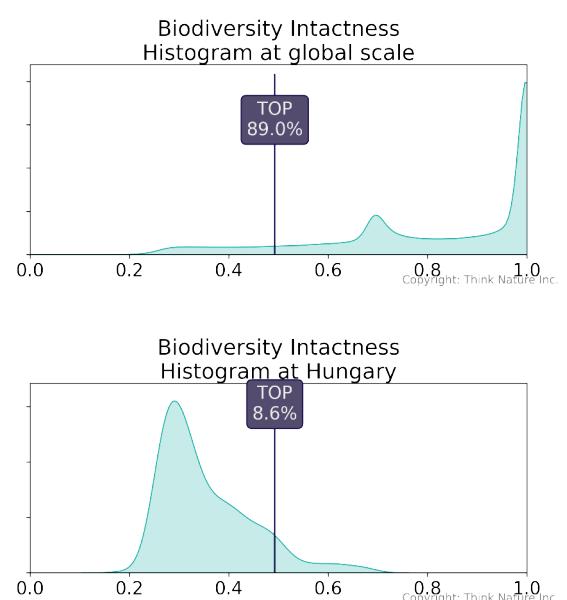
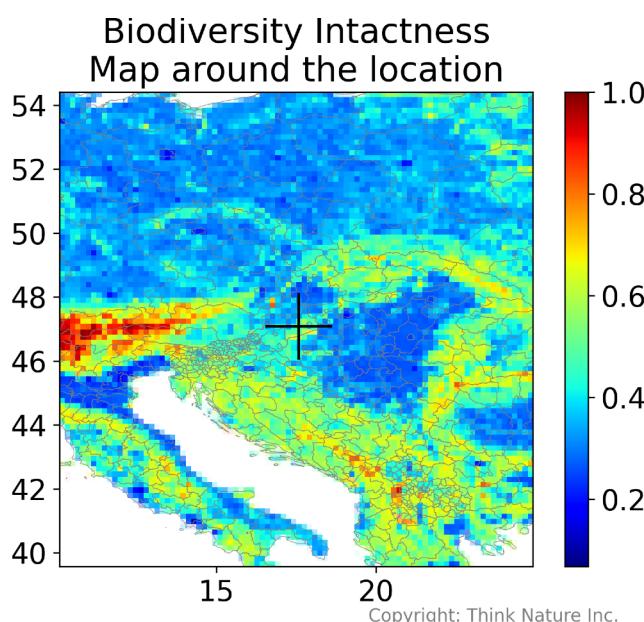
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2. Biodiversity Intactness

Global level: [LOW]
National level: [VERY HIGH]



The site here has #TOP 89.0% rank at the global scale, meaning [LOW] intactness of ecosystem.

Among Hungary, the site here has #TOP 8.6% rank at national level, meaning [VERY HIGH] intactness of ecosystem.

Biodiversity Intactness:

An index that quantifies the degree of modification of ecosystems due to land use. Higher values indicate a higher degree of ecosystem integrity.

| Min | Max | Unit |
|-----|-----|---------|
| 0 | 1 | [Score] |

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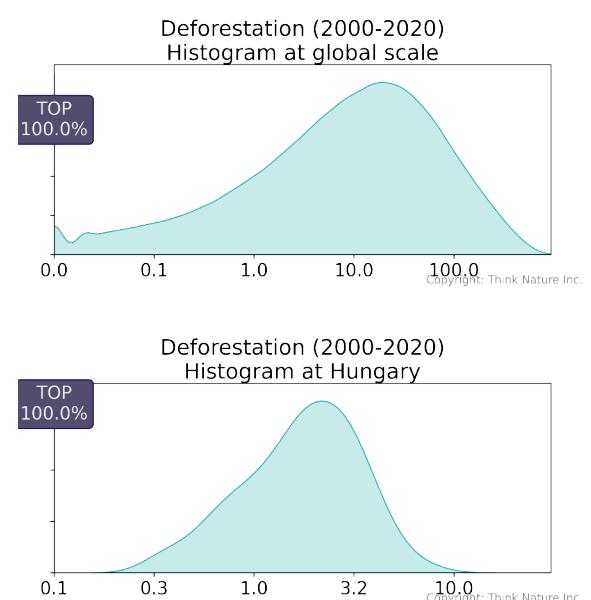
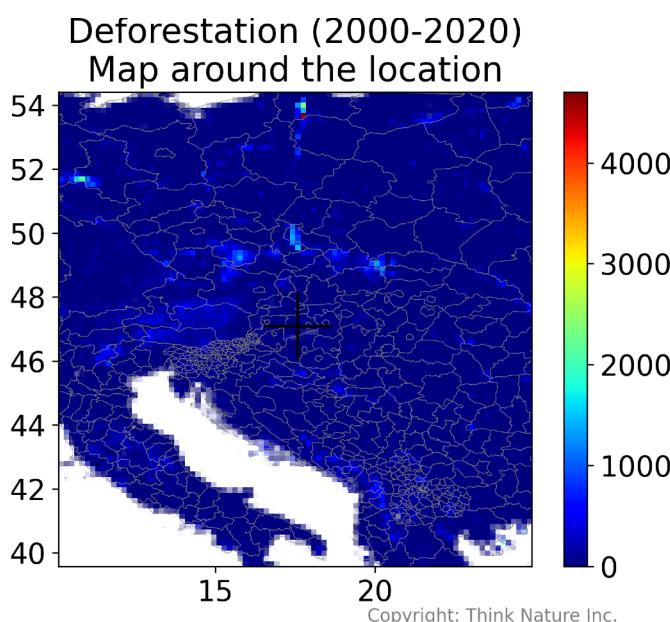
Lon: 17.583

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3. Deforestation (2000-2020)

Global level: [VERY LOW]

National level: [VERY LOW]



The site here has #TOP 100.0% rank at the global scale, meaning [VERY LOW] decrease in forest area. The percentile rank is calculated so that high rank mean a rapid decline of forest area, suggesting a risk of deforestation.

Among Hungary, the site here has #TOP 100.0% rank at national level, meaning [VERY LOW] deforestation.

Deforestation (2000-2020):

The amount of decrease in area occupied by forests over the past 20 years in the percentage of each grid (approximately 15 km in circumference). Greater values correspond to high risk of deforestation. Values for grids with increase in forest area are set to 0 (no net deforestation). Values are represented in basis points (%).

| Min | Max | Unit |
|-----|-------|------|
| 0 | 10000 | % |

Sitename: 2_2_20000

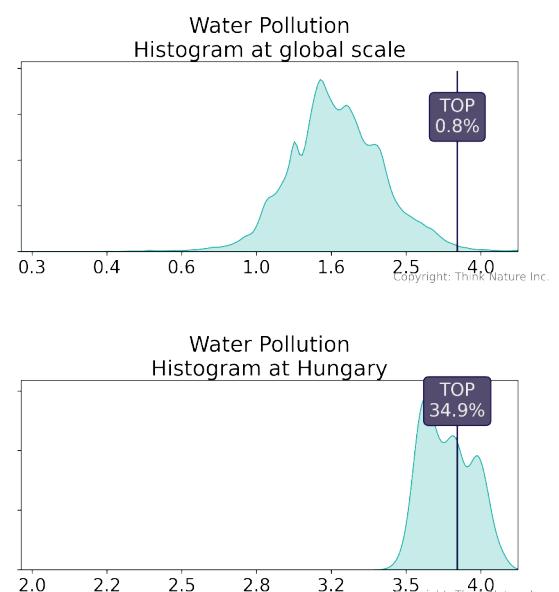
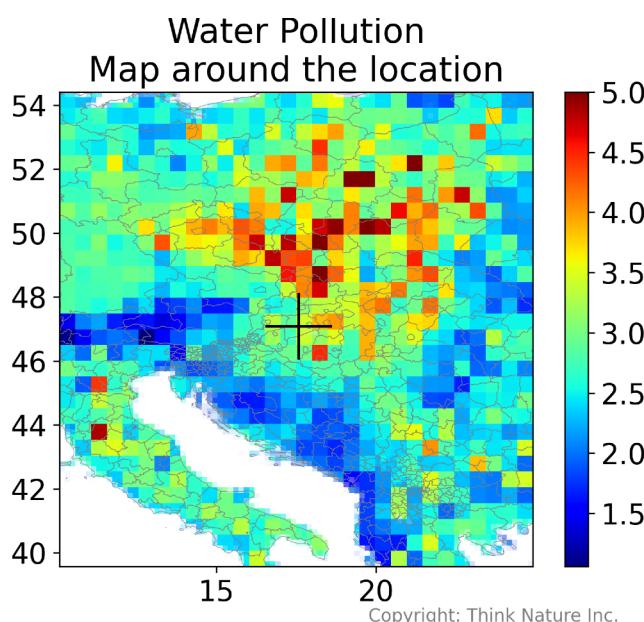
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4. Water Pollution

Global level: [VERY HIGH]
National level: [MODERATELY HIGH]



The site here has #TOP 0.8% rank at the global scale, meaning [VERY HIGH] level of water pollution.
Among Hungary, the site here has #TOP 34.9% rank at national level, meaning [MODERATELY HIGH] level of water pollution.

Water Pollution:

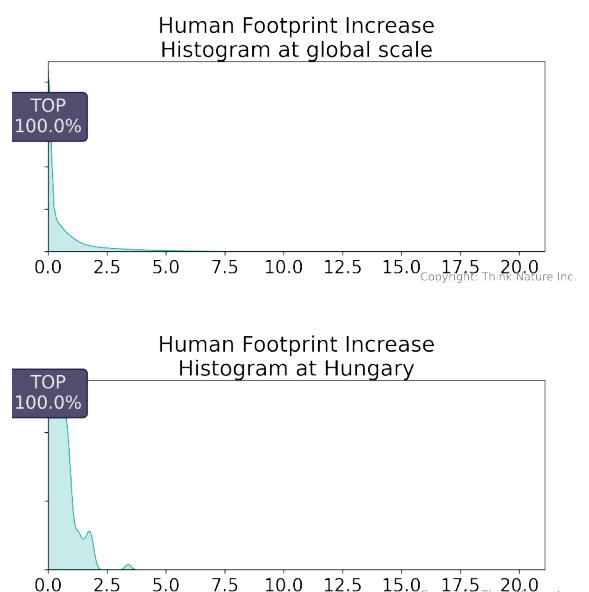
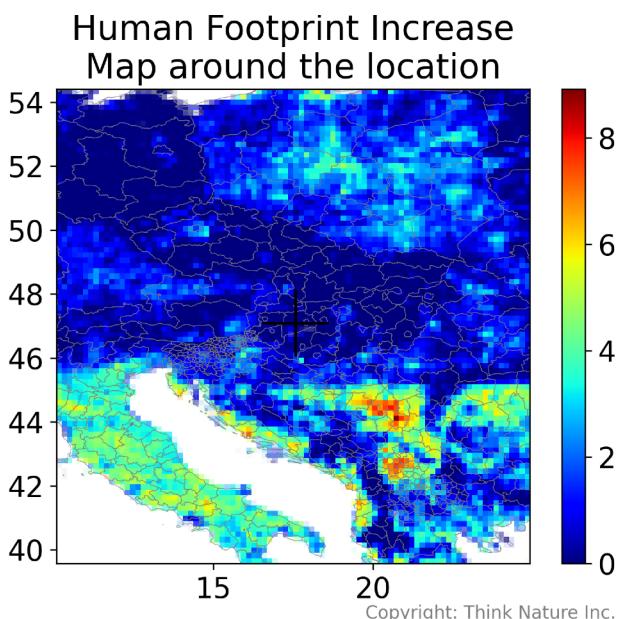
The value of BOD, a comprehensive indicator of overall water quality; a value below 2 indicates high quality water, such as a mountain stream.

| Min | Max | Unit |
|-----|-----|----------------------|
| 0 | 5 | mg-O ₂ /L |

5. Human Footprint Increase

Global level: [VERY LOW]

National level: [VERY LOW]



The site here has #TOP 100.0% rank at the global scale, meaning [VERY LOW] increase in human footprint. Greater value indicates greater increase in footprint, so the high rank means the risk of human pressure to the environment.

Among Hungary, the site here has #TOP 100.0% rank at national level, meaning [VERY LOW] risk of increased human pressure.

Human Footprint Increase:

The values represent increase in Human Footprint Index, an index that integrates human pressure on the environment and scores it on a scale from 0 to 50, from 2000 to 2019. Grids that show a decrease in this index are assigned a value of 0, indicating (net reduction in human footprint).

| Min | Max | Unit |
|-----|-----|---------|
| 0 | 50 | [Score] |

Sitename: 2_2_20000

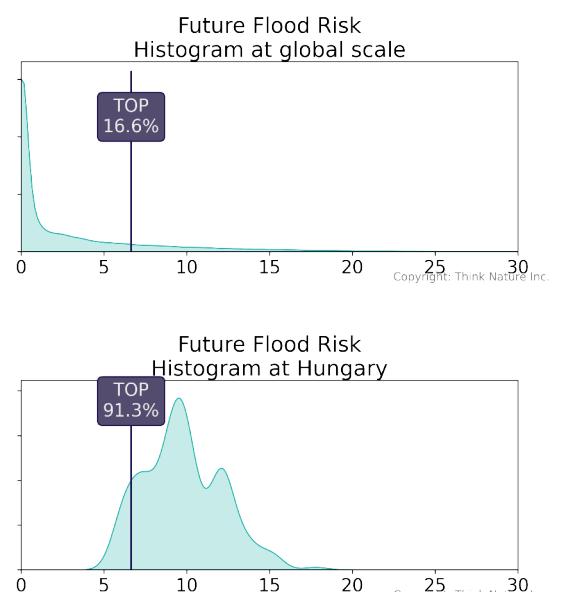
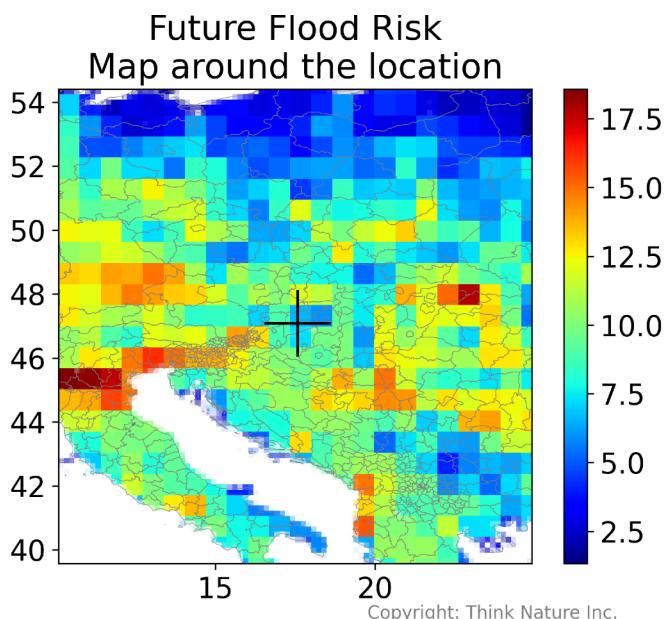
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6. Future Flood Risk

Global level: [HIGH]
National level: [VERY LOW]



The site here has #TOP 16.6% rank at the global scale, meaning [HIGH] risk of flooding.

Among Hungary, the site here has #TOP 91.3% rank at national level, meaning [VERY LOW] risk of flooding.

Future Flood Risk:

Risk value of flood frequency under the climate for the next 20 years predicted from the frequency of past flood damage

| Min | Max | Unit |
|-----|-----|---------|
| 0 | 30 | [Score] |

Sitename: 2_2_20000

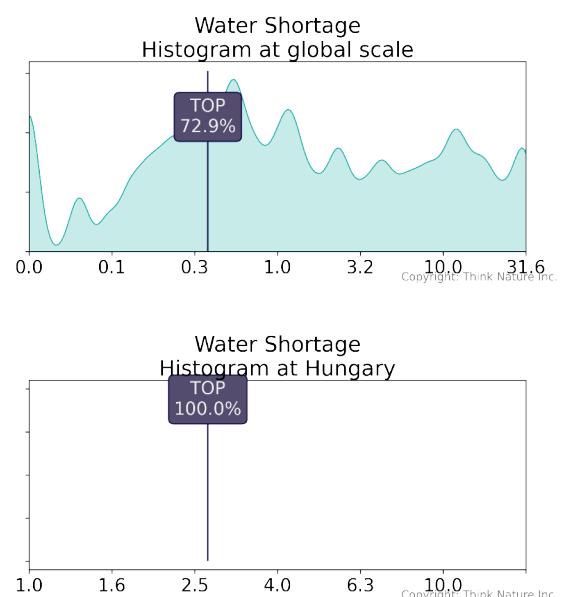
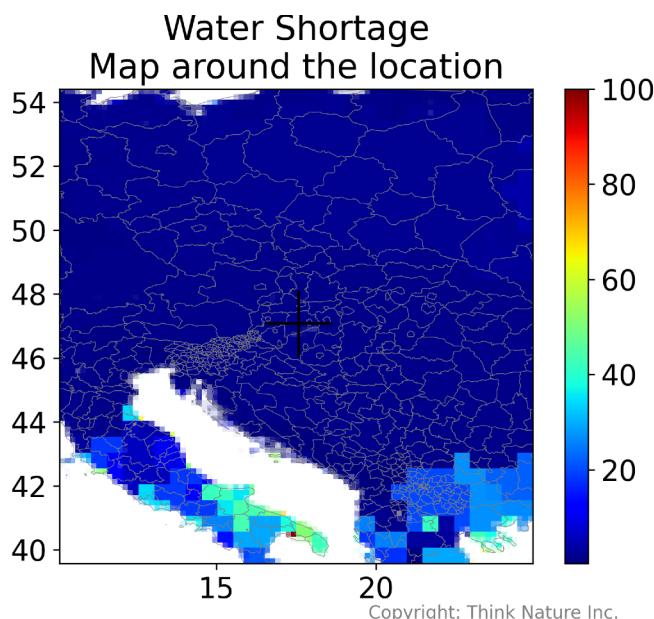
Lat: 47.083

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Country: Hungary

7. Water Shortage

Global level: [MODERATELY LOW]
National level: [VERY LOW]



The site here has #TOP 72.9% rank at the global scale, meaning [MODERATELY LOW] tendency to face water shortage.
 Among Hungary, the site here has #TOP 100.0% rank at national level, meaning [VERY LOW] tendency to face water shortage.

Water Shortage:

How little water is available; a value of 1 indicates that there is as much available water as the global average, while a value of 10 indicates that there is only 1/10th of the global average.

| Min | Max | Unit |
|-----|-----|---------|
| 0 | 100 | [Score] |

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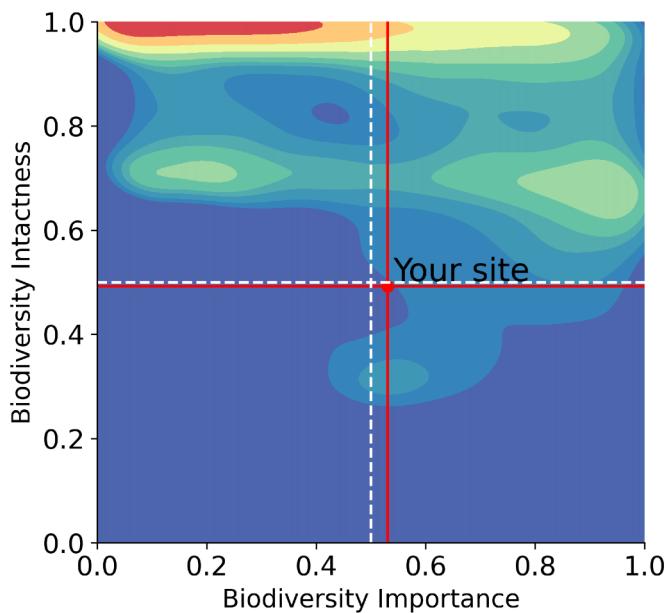
Country: Hungary

Global context

In the global context, Biodiversity importance of the location is [High], and Biodiversity Intactness of the location is [Low].

Thus, the areas around focused site are suitable areas for nature-positive activities.

Background density plot shows the distribution of points in importance-intactness axes in global level with red means high density and blue low.



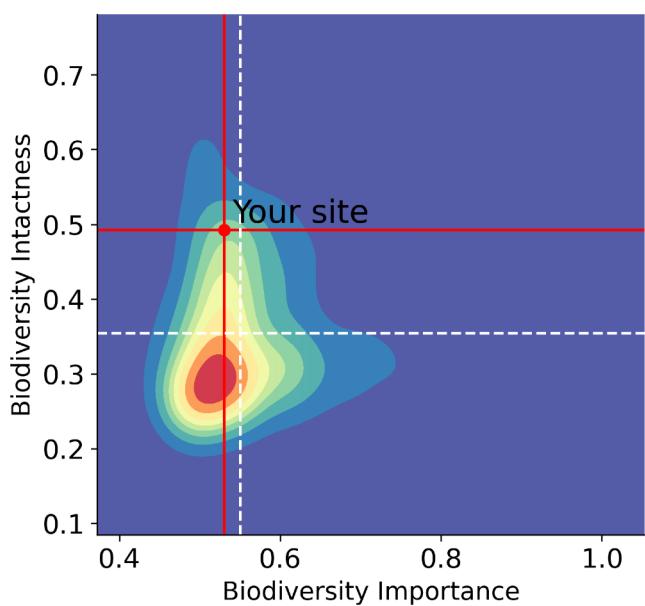
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National context

In the national context, Biodiversity importance of the location is [Low], and Biodiversity Intactness of the location is [High].

Thus, the areas around focused site are suitable for uses of natural commodities and ecosystem services (e.g. renewable energy plants).

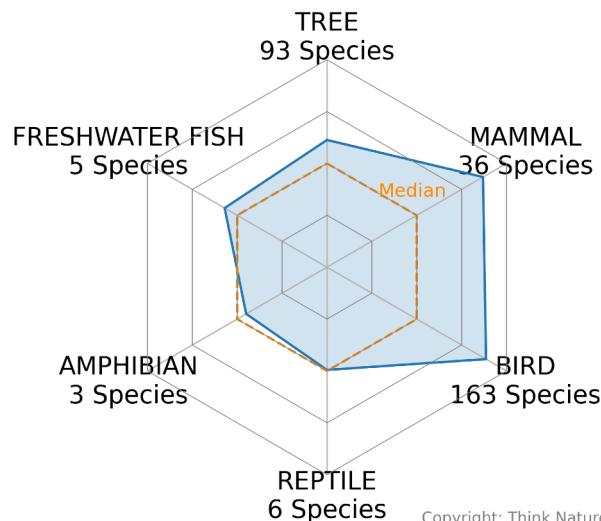
Background density plot shows the distribution of points in importance-intactness axes in national level with red means high density and blue low. Note that white broken lines show the national average of the two metrics.



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SPECIES RICHNESS BY TAXONOMIC GROUPS - DETAILED OPTION

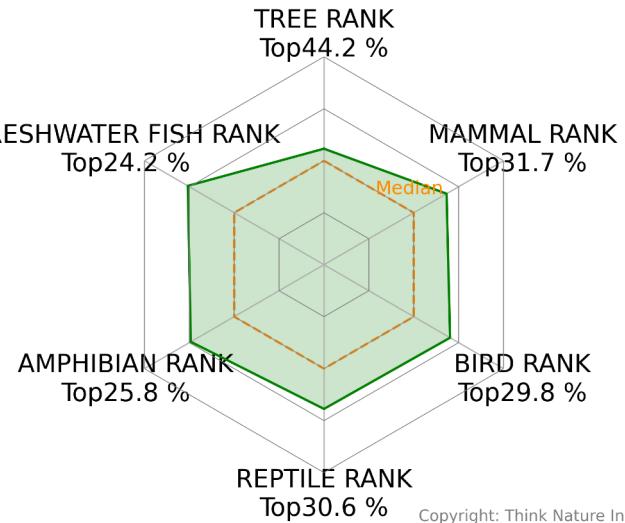
This site has a remarkable species richness for:
[MAMMAL]
[BIRD]



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BIODIVERSITY IMPORTANCE BY TAXONOMIC GROUPS - DETAILED OPTION

This site's biodiversity importance is not very remarkable.



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