Fragmentation of Natural Habitat

Anthropogenic fragmentation index of potential (semi) natural areas

- Minimal
- Moderate
- Severe
- Extreme
- No data or no potential (semi) natural areas present, not allowing calculation of index

The fragmentation index indicates anthropogenic fragmenting pressures on potentially natural or semi-natural land. Anthropogenic pressures include urban and industrial areas, intensive agriculture and transport infrastructure; a pressure source is considered to influence surrounding areas within a range of 500 meters.

Potentially natural or semi-natural areas include forests, shrubs and open semi-natural lands and wetlands. For each 10 x 10 km cell, the amount of semi-natural and natural area that is not influenced by anthropogenic pressures is calculated. This index considers the total surface, the average size and distribution of undisturbed natural and semi-natural areas in each cell.

Source:
Sasvári: EGECO (G.E.C.), 1999
Thematic data: European Environmental Agency: CORINE Land Cover, 1999