

# MORAVIAN GEOGRAPHICAL REPORTS

Research highlights

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**Stanislav KRAFT, Tomáš MRKVIČKA, Jakub PETŘÍČEK, Vojtěch BLAŽEK**

**Modelling the road network riskiness for motorcycle transport: The use of accident probability and accessibility to emergency medical service**

- The riskiest sections for motorcycles are concentrated in less urbanised regions
- There is a strong correlation between accident severity and EMS accessibility
- High accident probability and poor EMS accessibility is the basis for RNHI
- RNHI provides a comprehensive view of the risk level for motorcyclist
- Higher RNHI values are typical for road sections within the inner periphery regions

<https://doi.org/10.2478/mgr-2023-0006>

**Anca Monica MARIN, Eugen GLĂVAN, Alin CHIȘ, Bogdan CORAD**

**Spatial patterns of EU funds absorption in Romanian rural municipalities**

- Spatial differences in the EU funds absorption by rural municipalities are analyzed
- Absorption rate is higher in the regions of the Centre, North-West, South-West and West
- Absorption rate is higher in municipalities with stable or growing population
- Experience with funds from preceding program period increases the absorption rate

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**Wojciech JARCZEWSKI, Jacek KOJ**

**Spatial factors affecting the functional diversity of regenerated brownfields: The case of Silesian Voivodeship (Poland)**

- 125 post-industrial brownfield regeneration projects were identified in the study area
- Important role of public sector supported by EU funds in the regeneration process
- Commercial services are most likely to be developed on centrally located brownfields
- Redevelopment for public services related to existence of cultural heritage resources
- Small share of housing projects resulting from weak residential property market

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**Katarína RIŠOVÁ, Veronika PÓCZOŠOVÁ**

**Gender differences in unsafety perception and precautionary behaviour among adolescents: Case study of a small peripheral town in Slovakia**

- No significant gender differences in unsafety perception were found
- Avoidance, dependence, and self-reliant precautionary behaviours were identified
- Girls chose dependence precautionary behaviour significantly more often than boys
- Avoidance and self-reliance were gender neutral
- Girls being more fearful and avoidant than boys is not a generally valid paradigm

<https://doi.org/10.2478/mgr-2023-0009>

**Lubomír SOLÍN, Michala SLÁDEKOVÁ MADAJOVÁ**

**Spatial planning as a tool of flood risk management in rural landscapes? Position, limitations and other findings: A case study of the Myjava Region (Slovakia)**

- Spatial plans only consider flood protection measures from the higher-level documents
- Technical infrastructure restricts the application of eco-stabilisation measures
- Municipality's ideas on flood risk reduction at the local level are not presented
- Lack of consistency in the use of municipal powers in the context of spatial planning
- State governance of flood risk prevents effective flood management in spatial plans

<https://doi.org/10.2478/mgr-2023-0010>

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