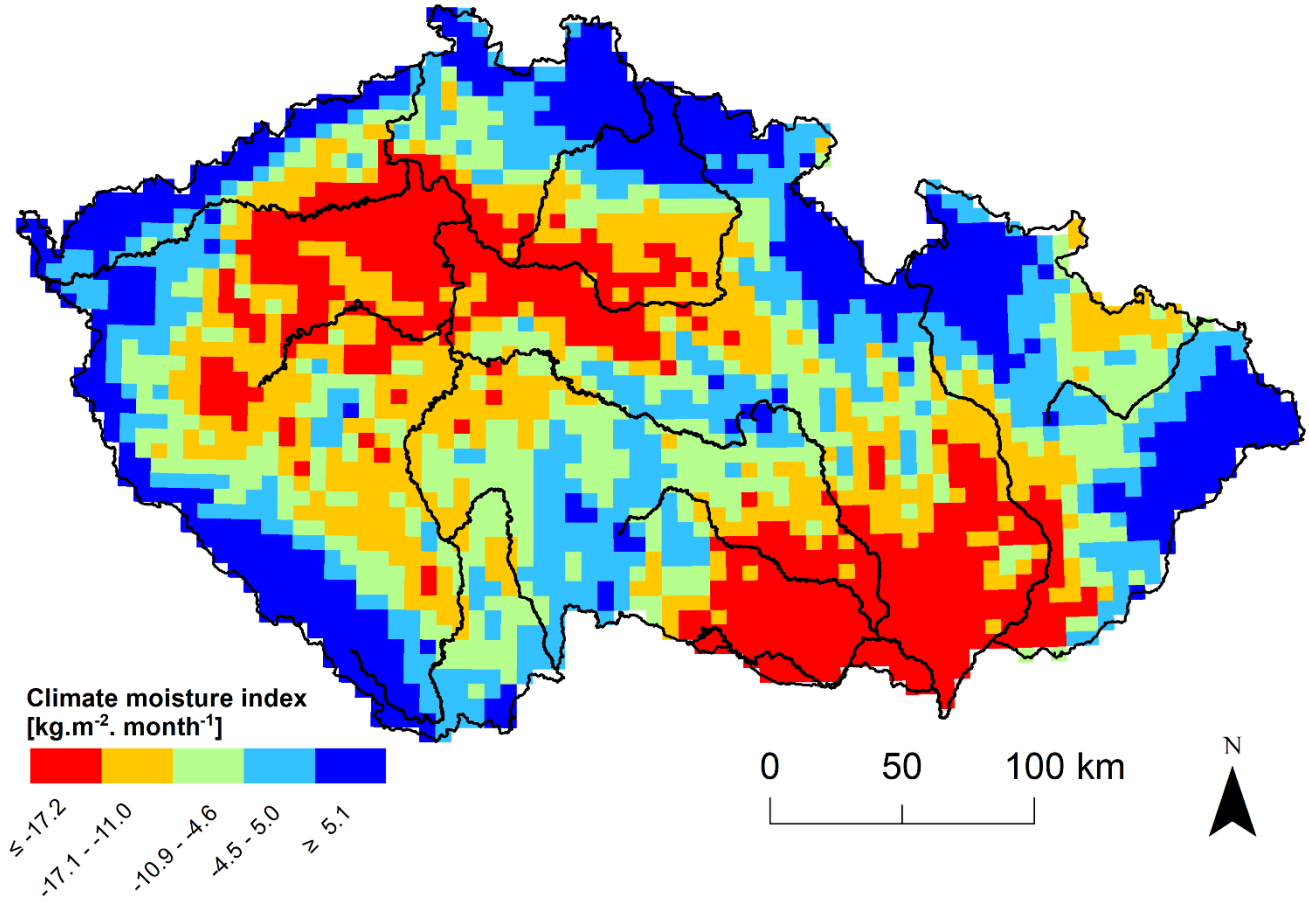
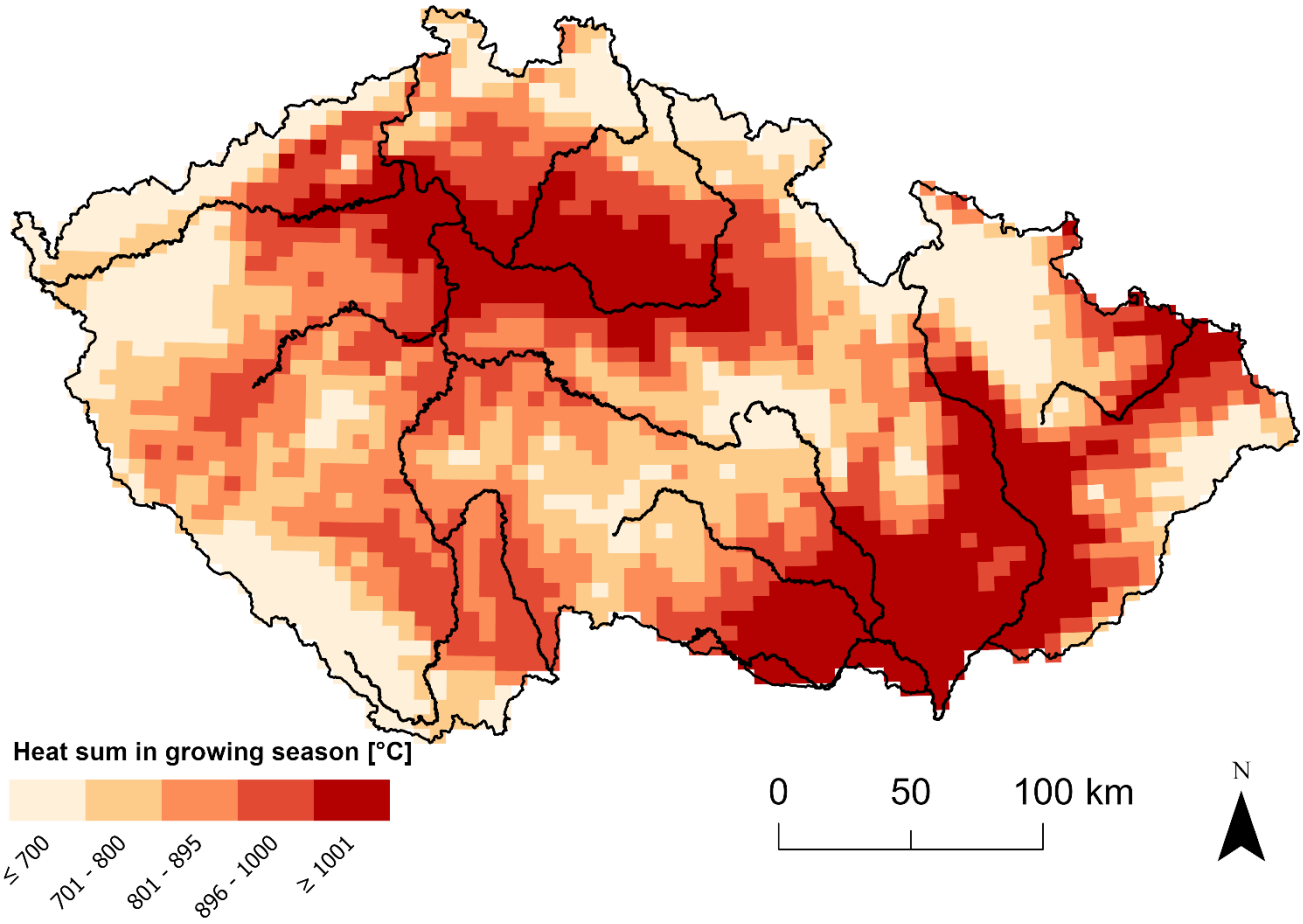
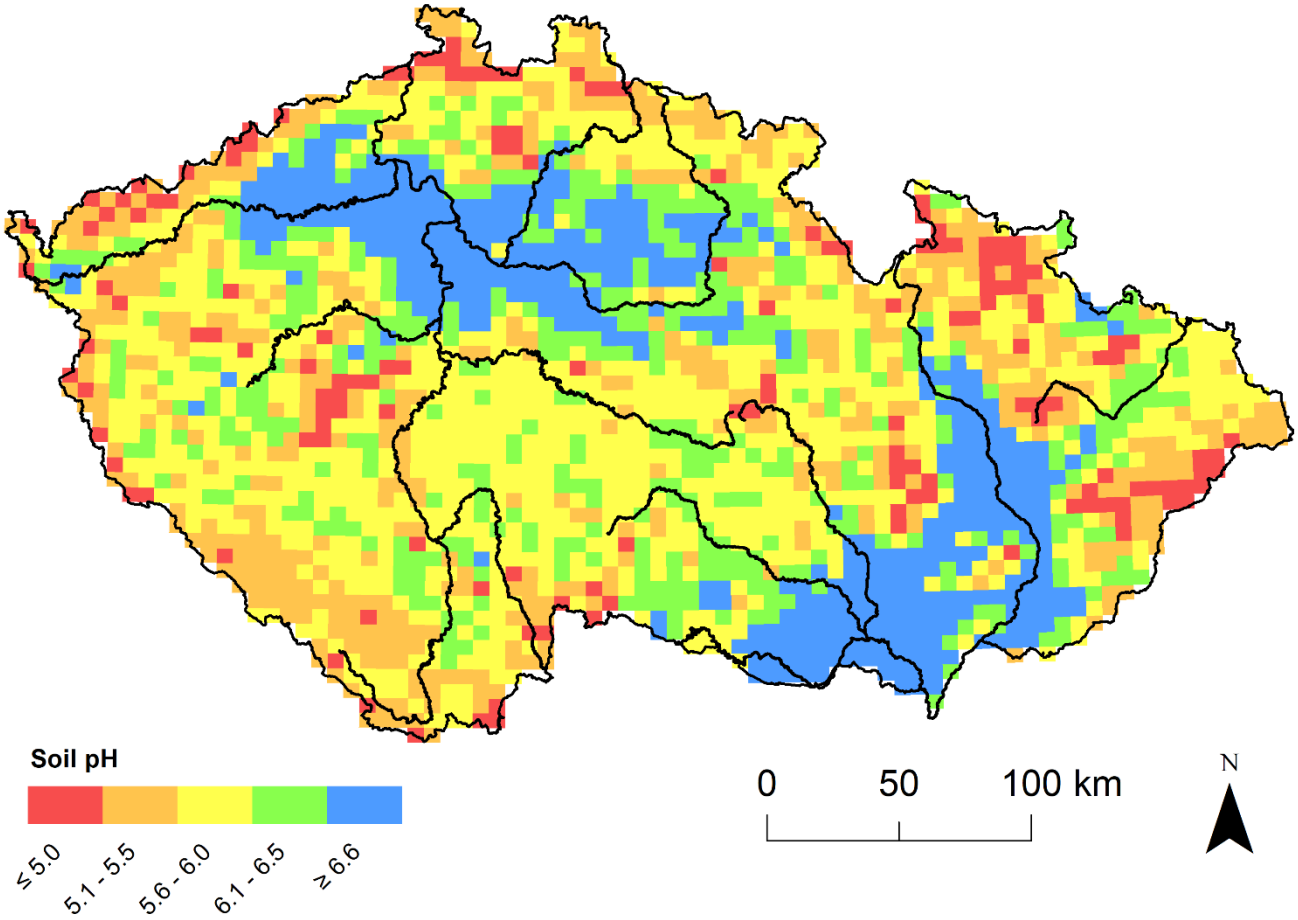
Klímová B., Divíšek J., Večeřa M., Chytrý M., Danihelka J., Kaplan Z., Novotný P., Skokanová H., Wild J. & Axmanová I. (2025) Spatial patterns of species richness in the Czech flora: effects of sampling intensity, environment and landscape history. – Preslia 97: 541–566.

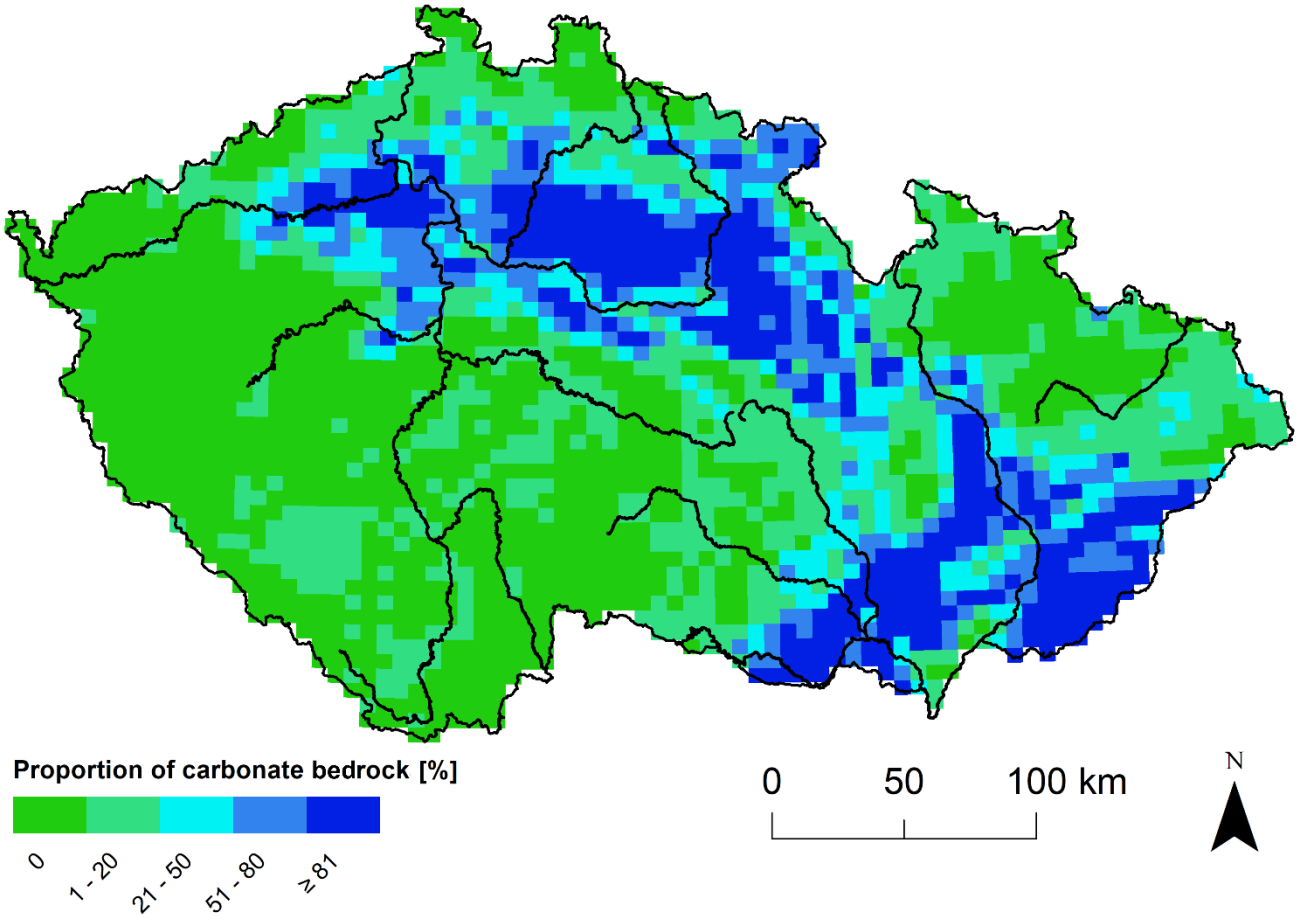
Supplementary Fig. S3. Maps of selected variables that describe current environmental conditions, current landscape structure, and historical landscape development across grid cells (ca. 6.0 km × 5.5 km).

Supplementary Fig. S3A. Maps of variables representing environmental conditions (climate moisture index, heat sum in the growing season, soil pH, proportion of carbonate bedrock) across grid cells (ca. 6.0 km × 5.5 km).

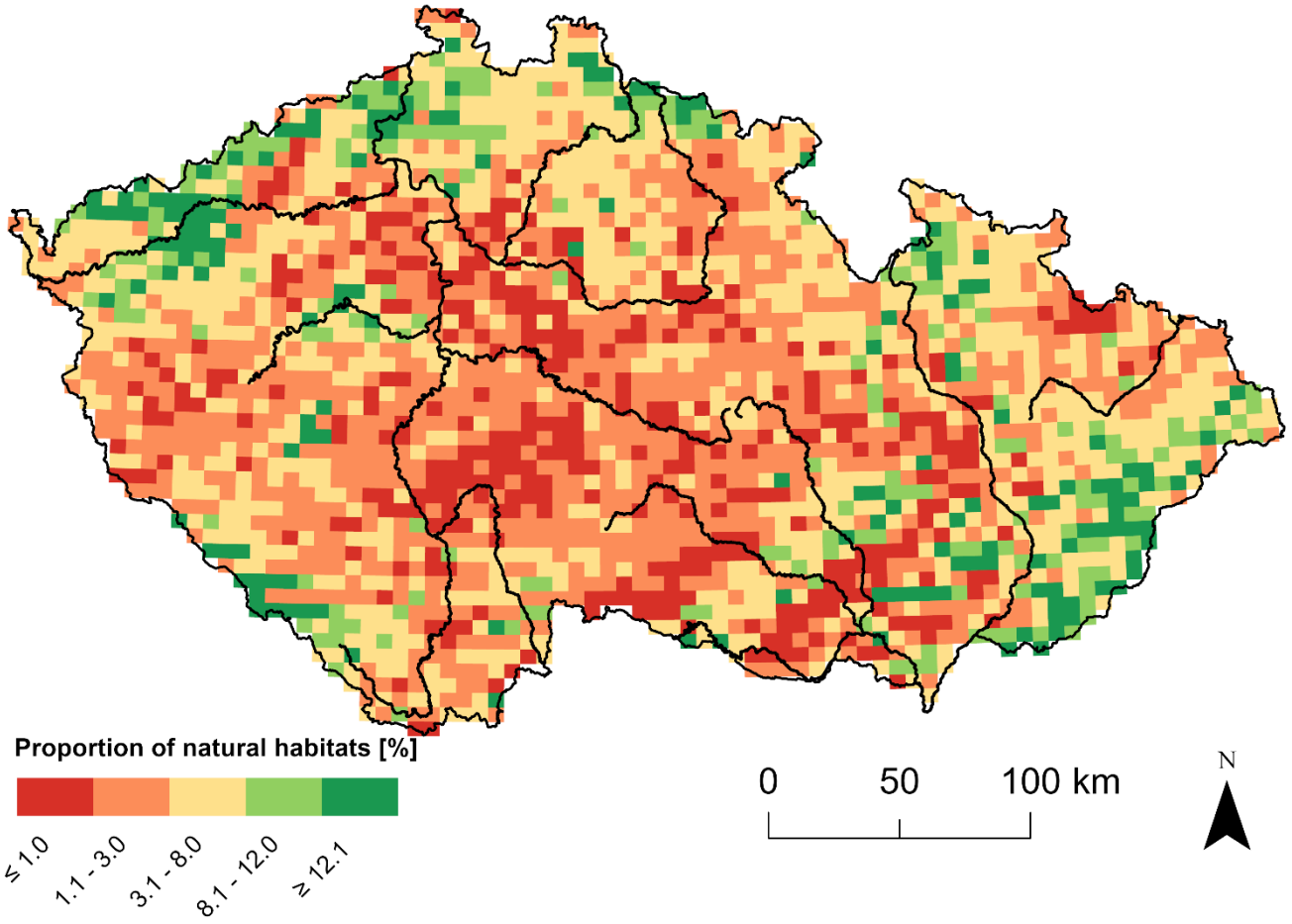


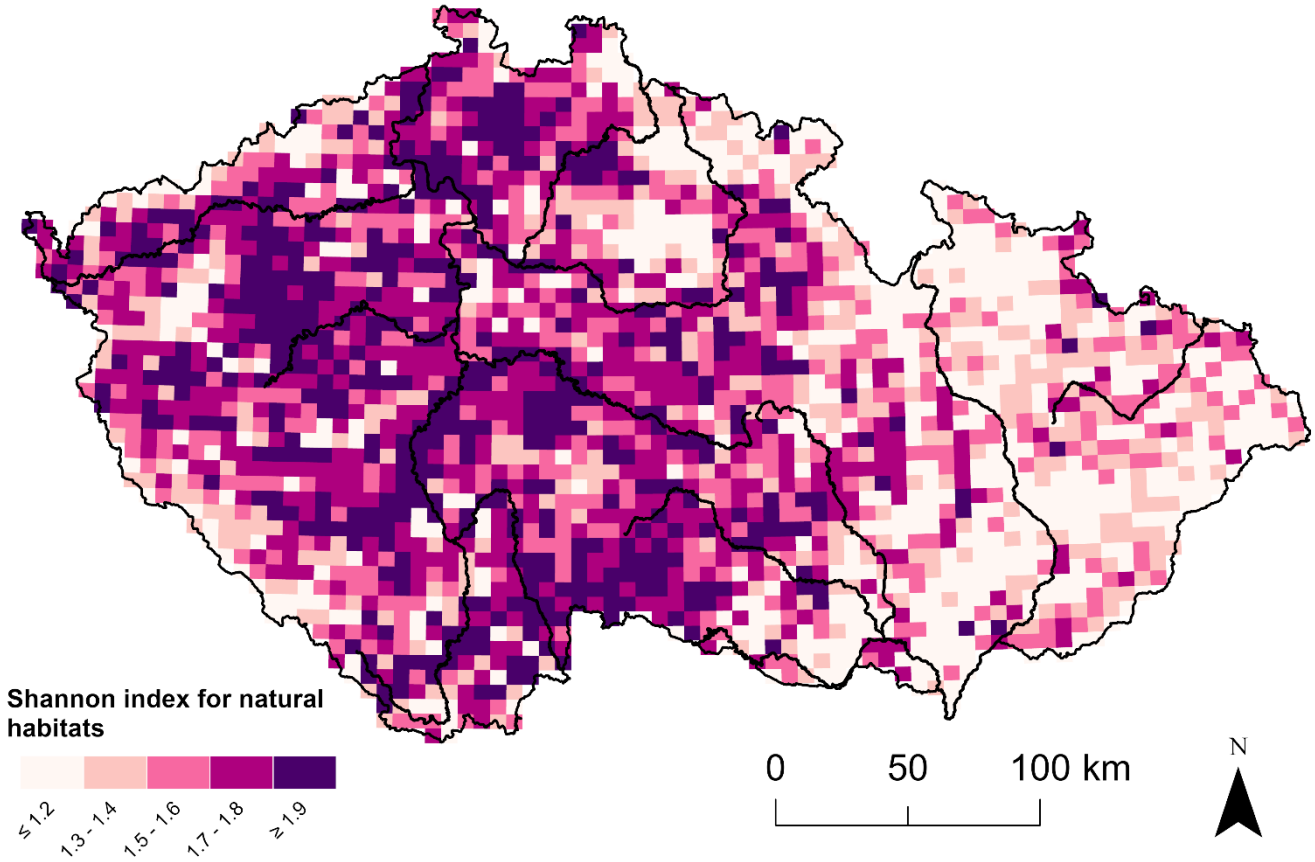


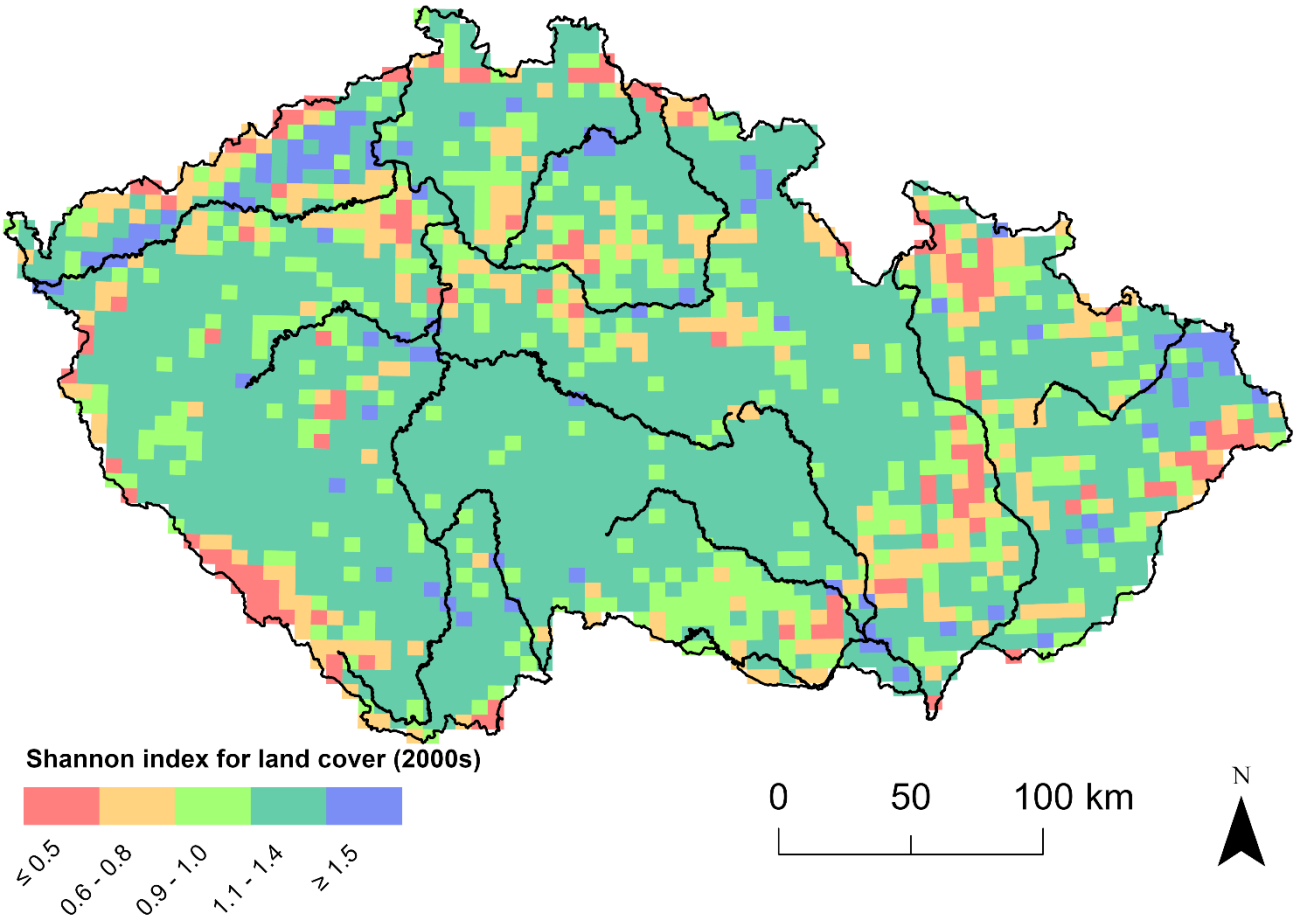

Soil pH
≤5.0
5.1 - 5.5
5.6 - 6.0
6.1 - 6.5
≥6.6
0
50
100 km
N

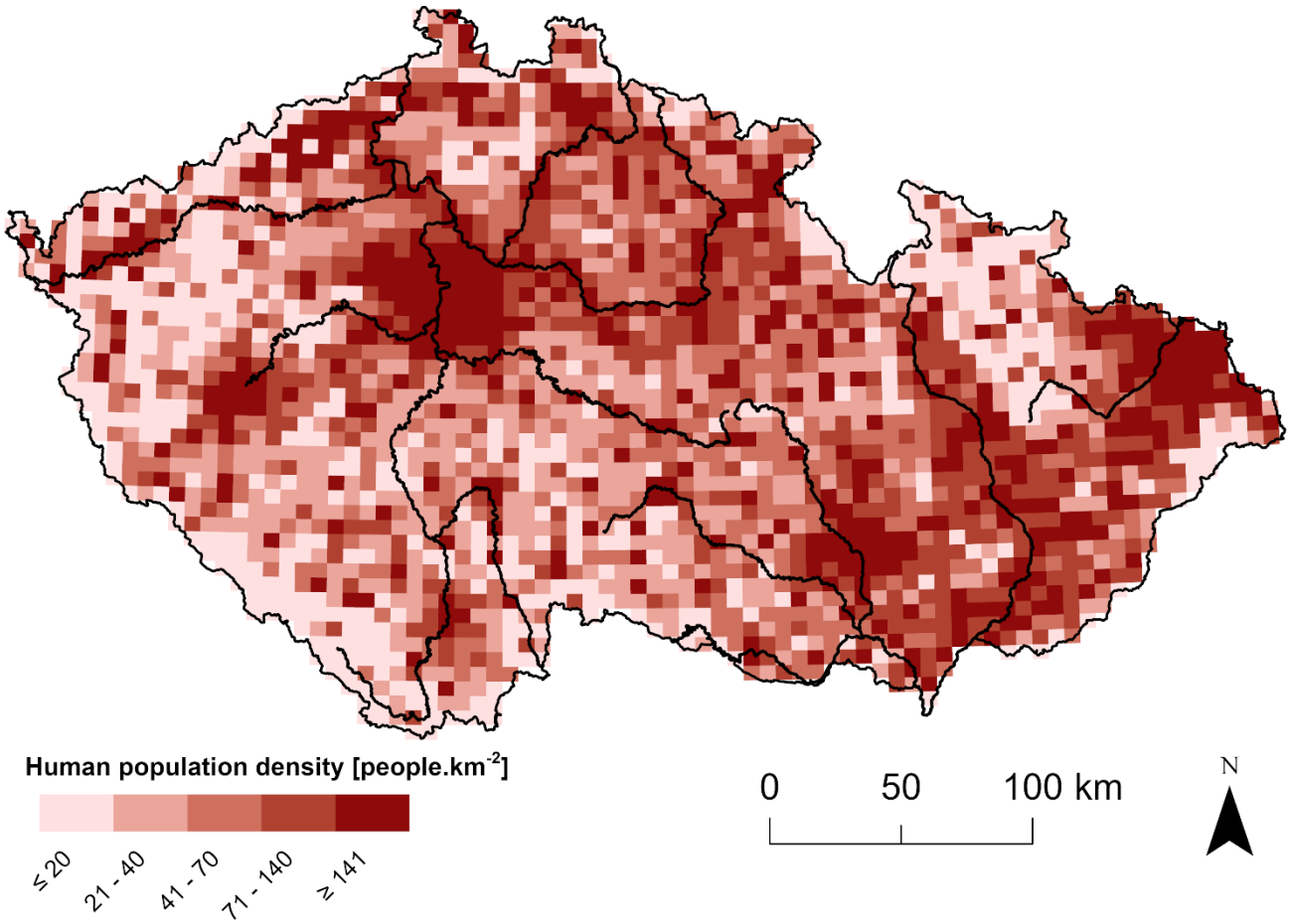

Proportion of carbonate bedrock [%]
0
1 - 20
21 - 50
51 - 80
≥81
0
50
100 km
N

Supplementary Fig. S3B. Maps of variables representing current landscape structure (proportion of natural habitats, Shannon index for natural habitats, Shannon index for land cover (2000s), human population density) across grid cells (ca. 6.0 km × 5.5 km).

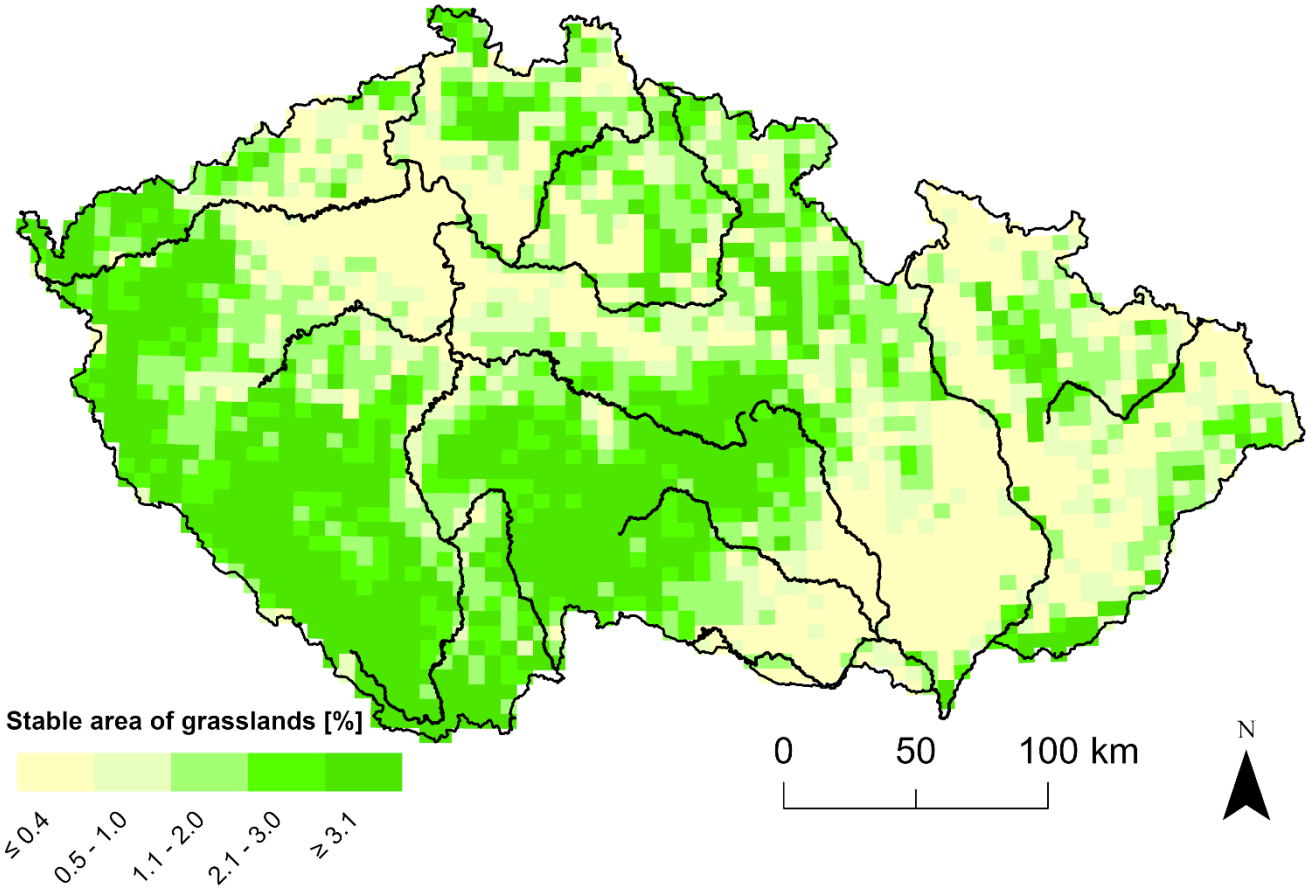


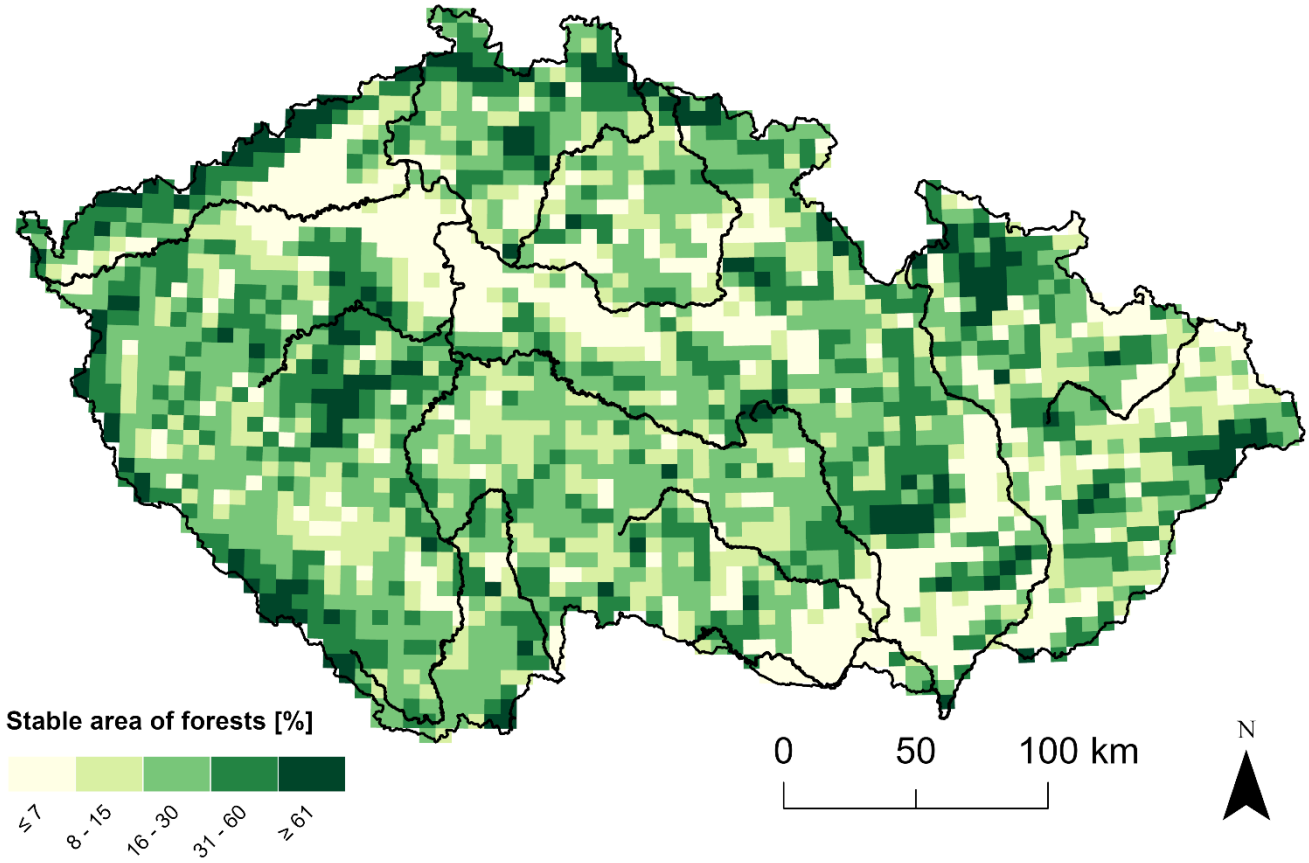


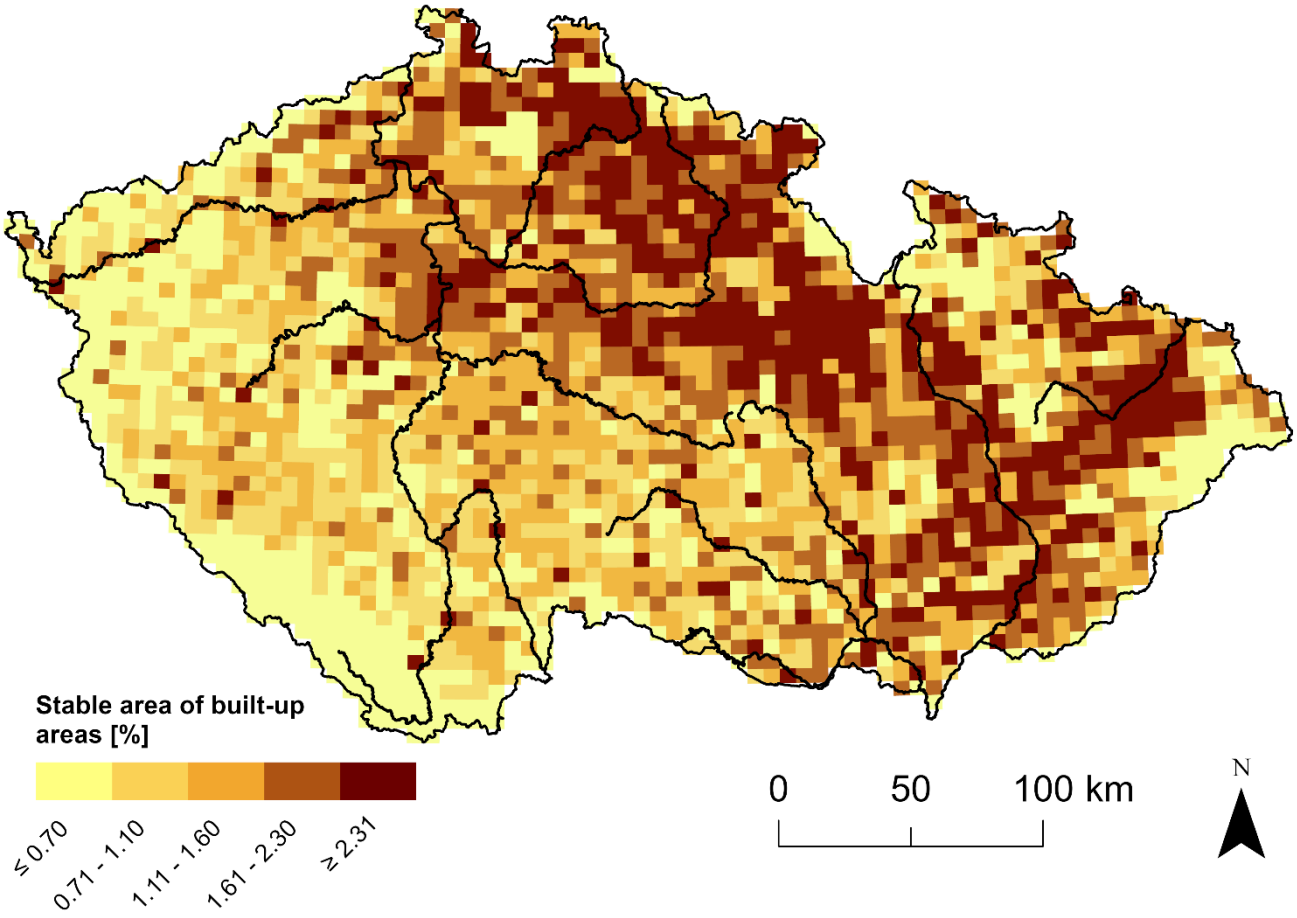

Shannon index for land cover (2000s)
≤ 0.5
0.6 - 0.8
0.9 - 1.0
1.1 - 1.4
≥ 1.5
0
50
100 km
N

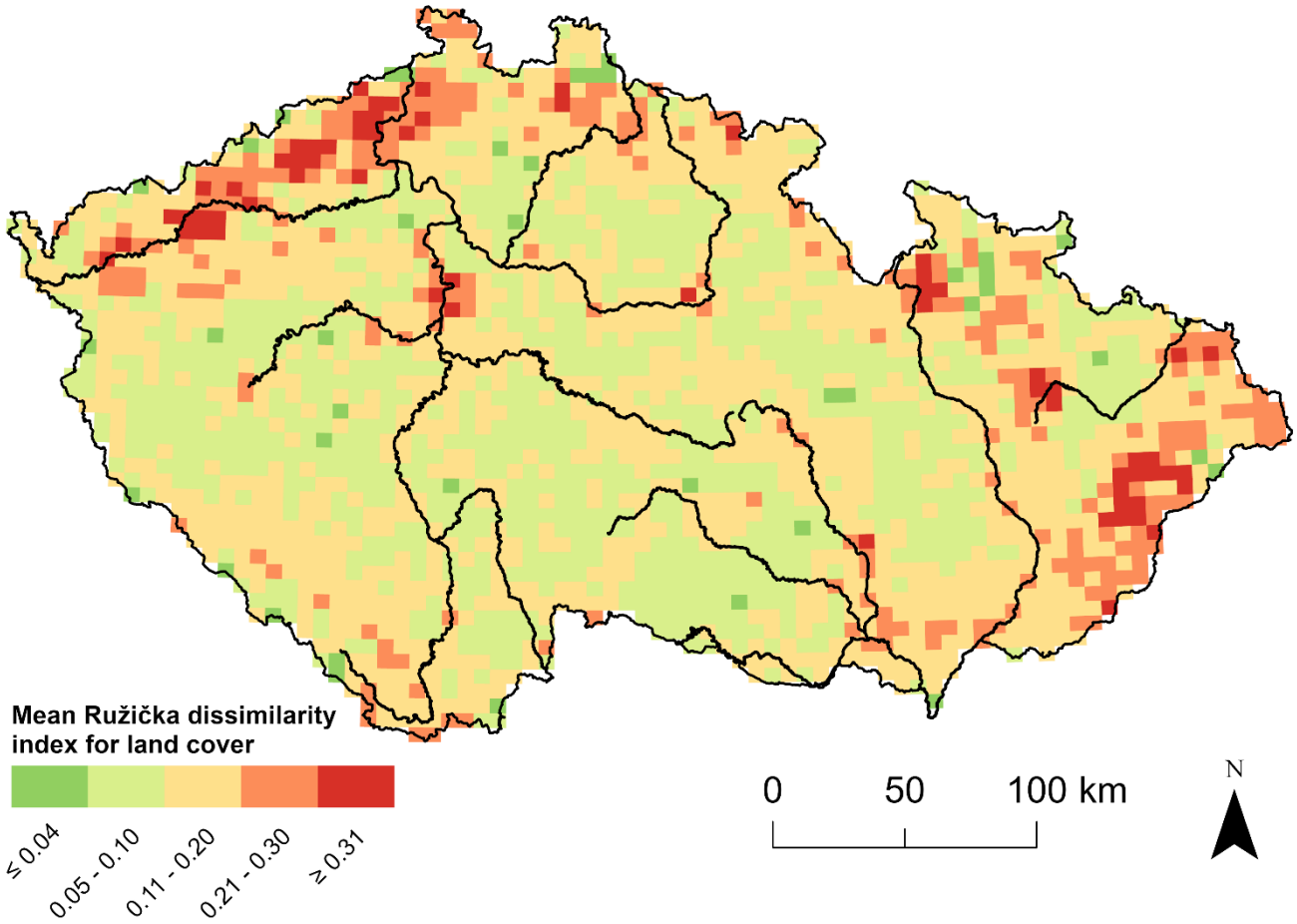

Human population density [people.km-2]
≤ 20
21 - 40
41 - 70
71 - 140
≥ 141
0
50
100 km
N

Supplementary Fig. S3C. Maps of variables representing historical landscape development (stable area of grasslands, forests and built-up areas, mean Ružička dissimilarity index for land cover) across grid cells (ca. 6.0 km × 5.5 km).






Stable area of built-up areas [%]
≤ 0.70
0.71 - 1.10
1.11 - 1.60
1.61 - 2.30
≥ 2.31
0
50
100 km
N


Mean Ružička dissimilarity index for land cover
≤ 0.04
0.05 - 0.10
0.11 - 0.20
0.21 - 0.30
≥ 0.31
0
50
100 km
N