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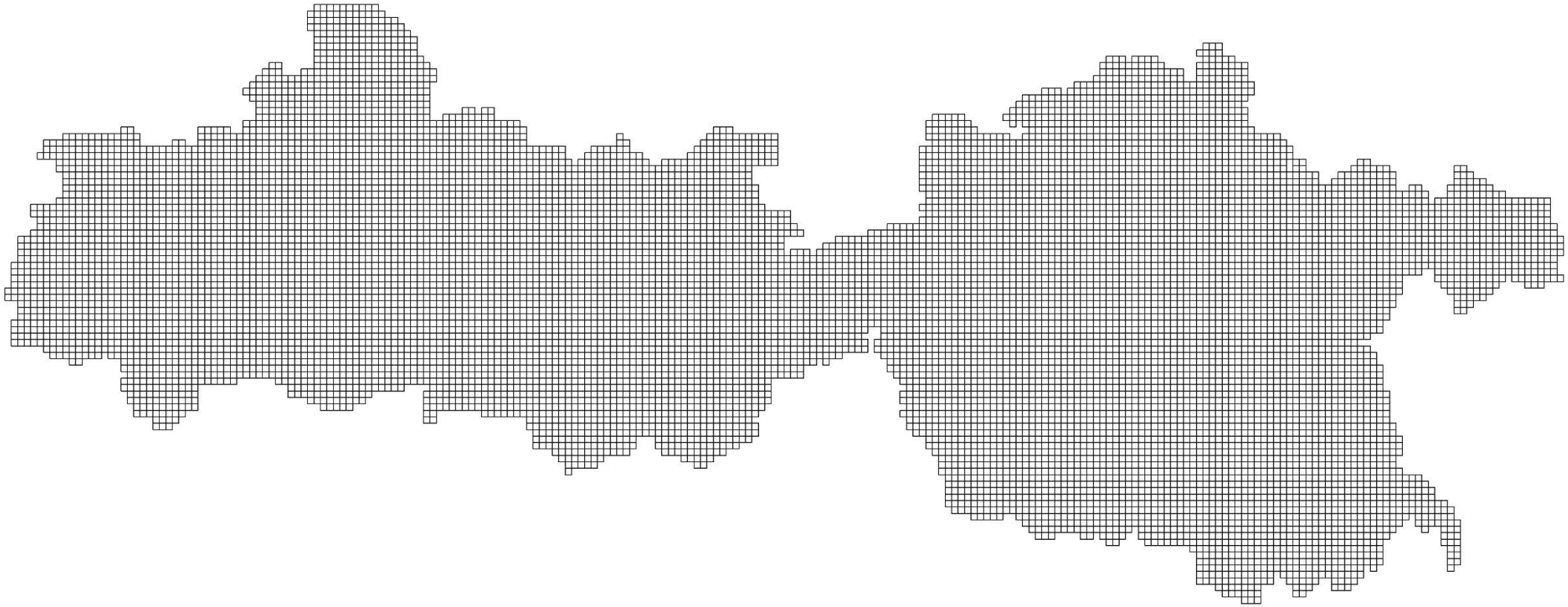
LIFE Viva Grass approach of integration of ecosystem service concept in land use planning

Ivo Vinogradovs, University of Latvia

Ecosystem service concept as an asset for GREEN INFRASTRUCTURE planning

1. step: create data collection grid



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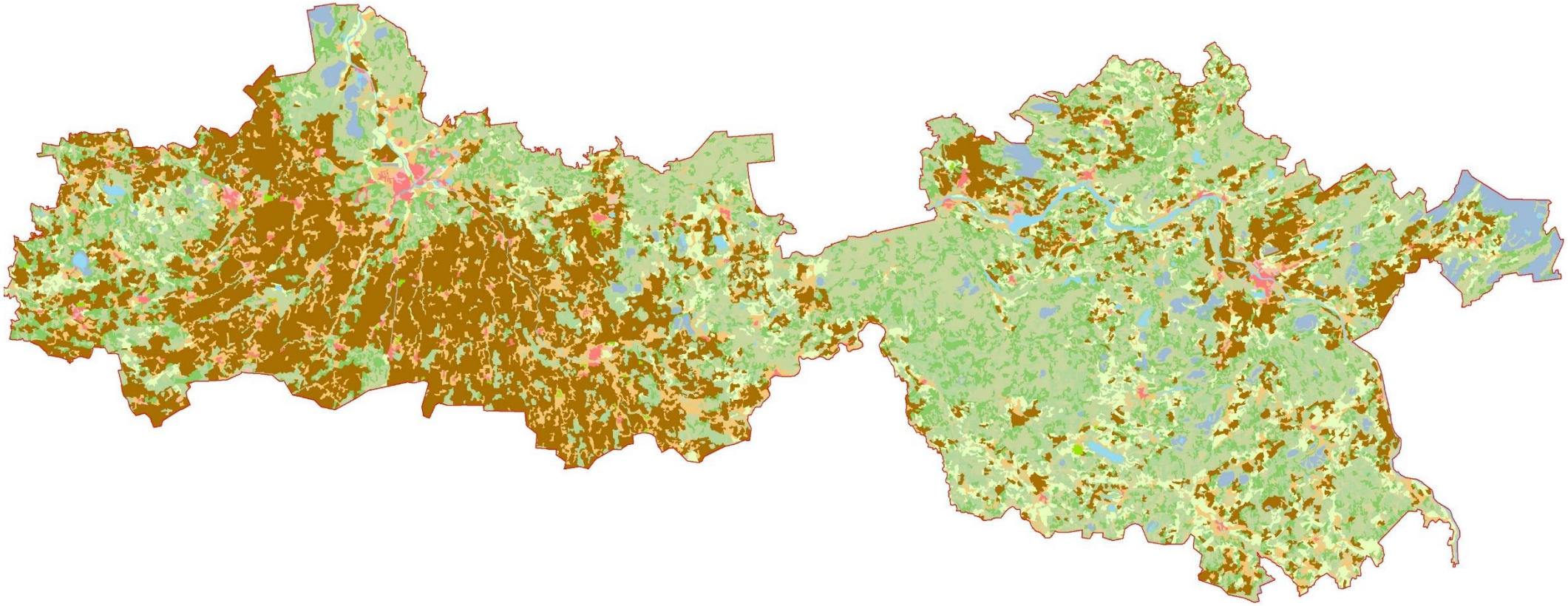
2. step: map land use for study are



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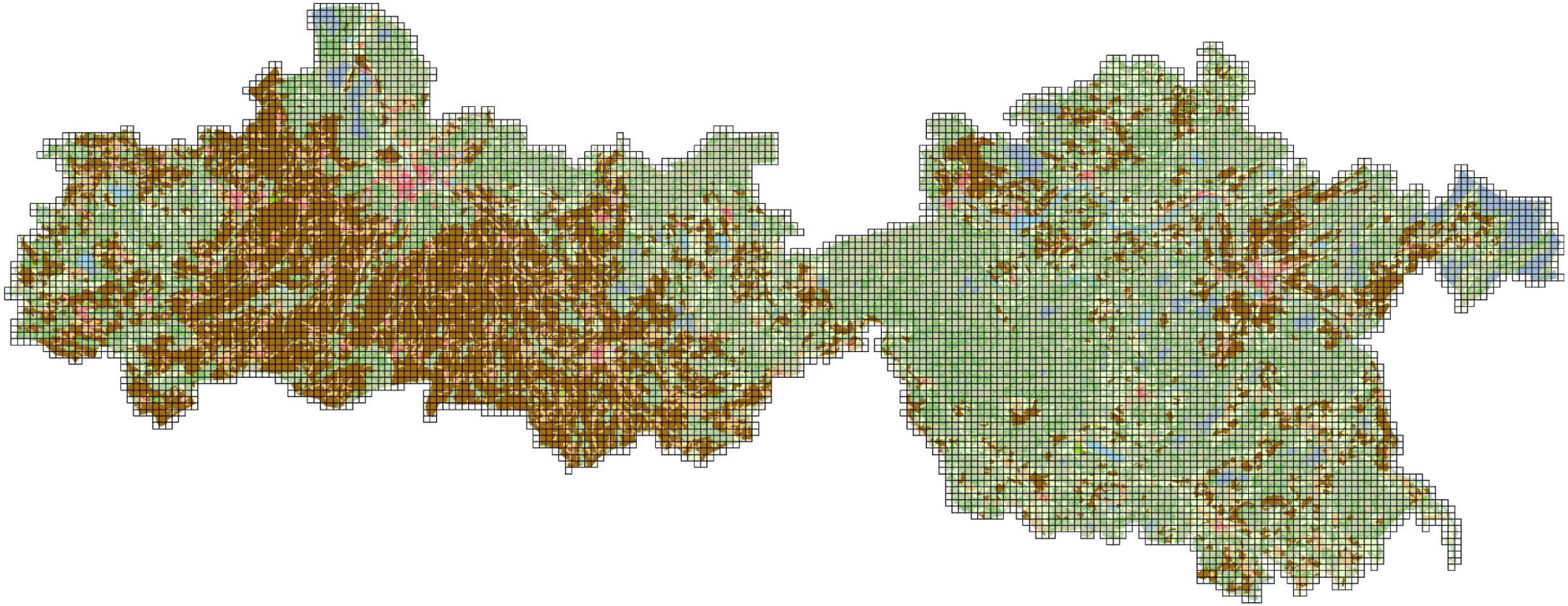
3. step: assess ecosystem service supply



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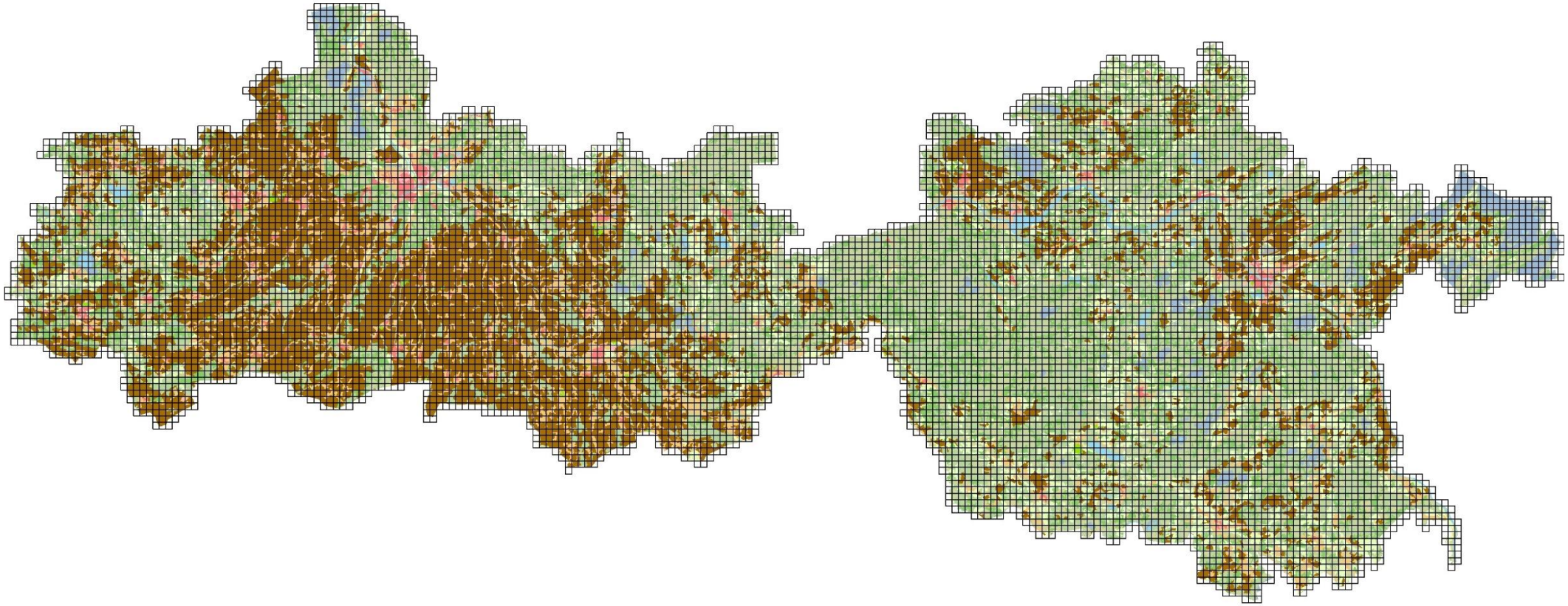
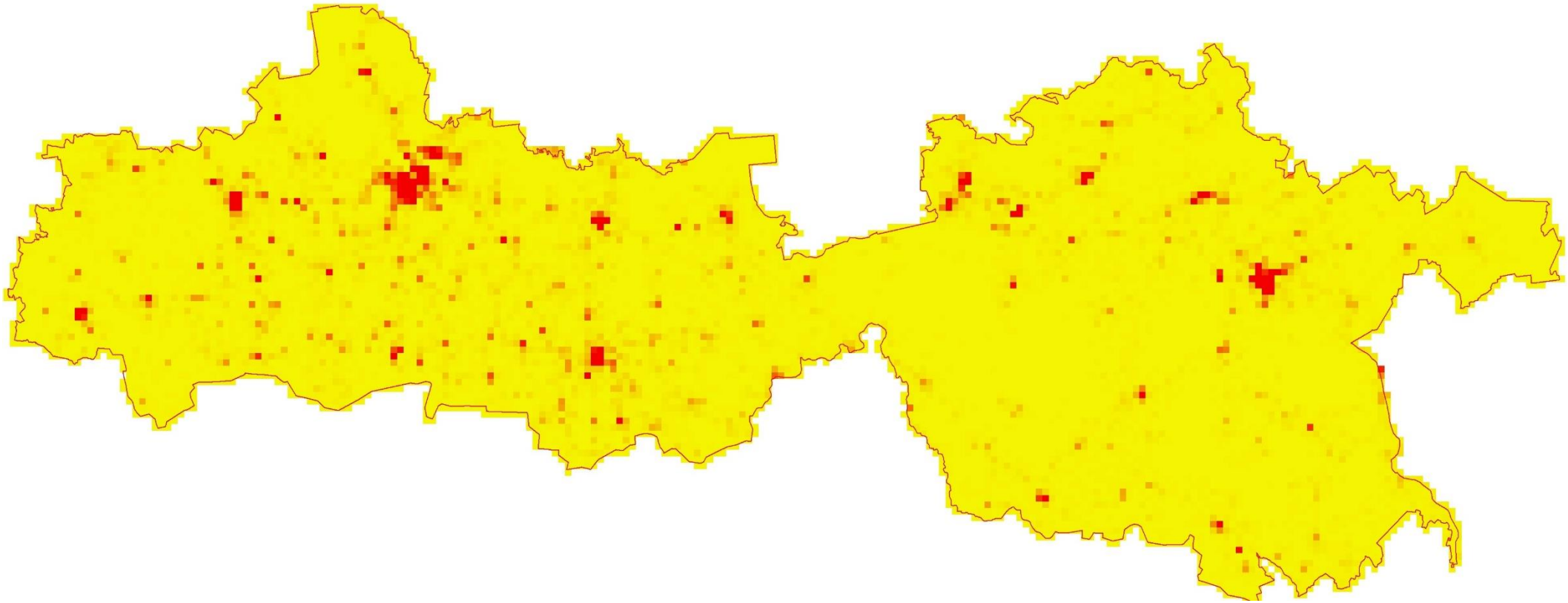
4. step: assess landscape diversity



Ecosystem service concept as an asset for GREEN INFRASTRUCTURE planning

5. step: assess pressure on ecosystem service supply and landscape:

population density



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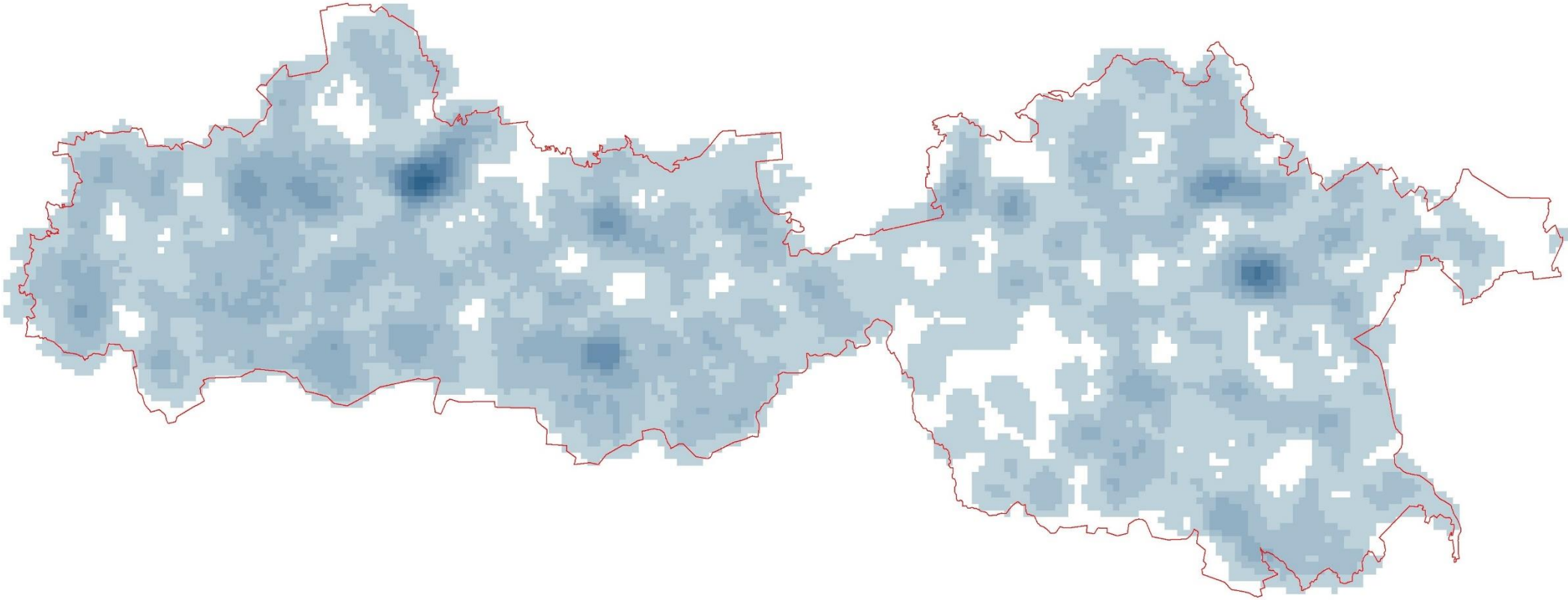
5. step: assess pressure on ecosystem service supply and landscape:

road density



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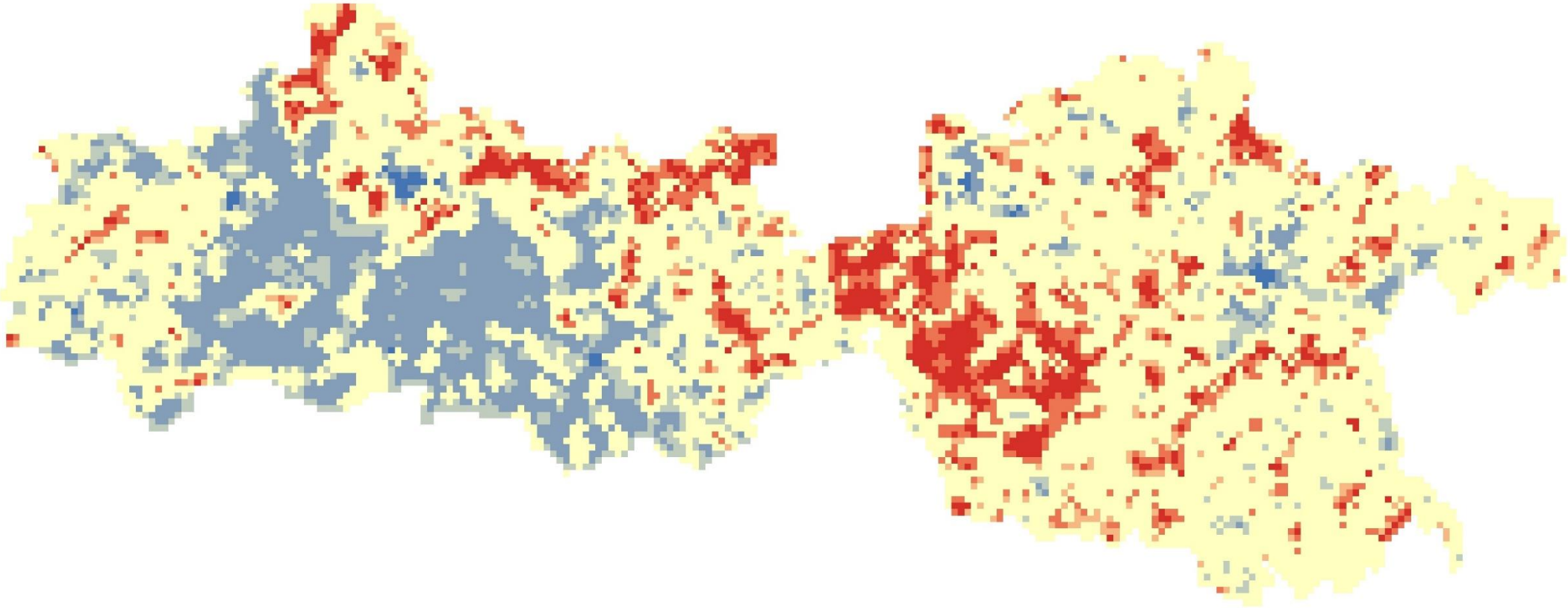
6. step: run statistic analysis – hot-spot (Getis-Ord Gi*) analysis

regulating ecosystem services



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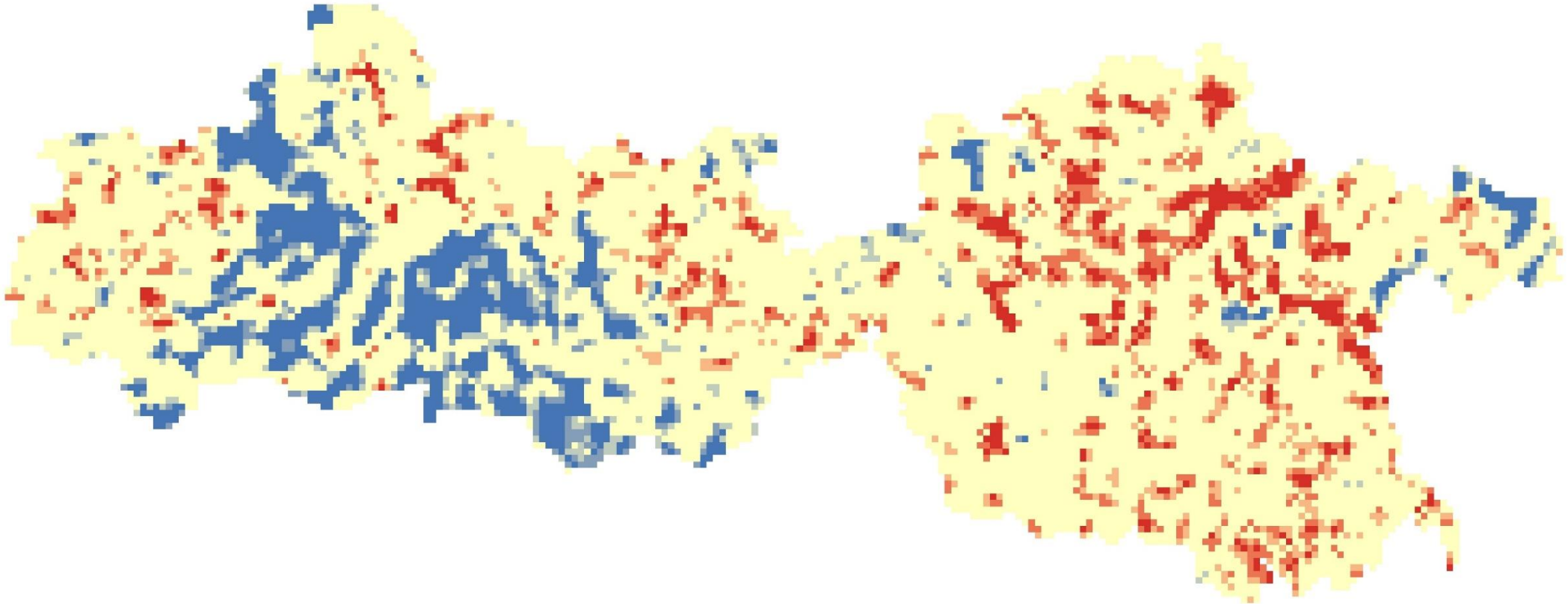
6. step: run statistic analysis – hot-spot (Getis-Ord Gi*) analysis

landscape diversity



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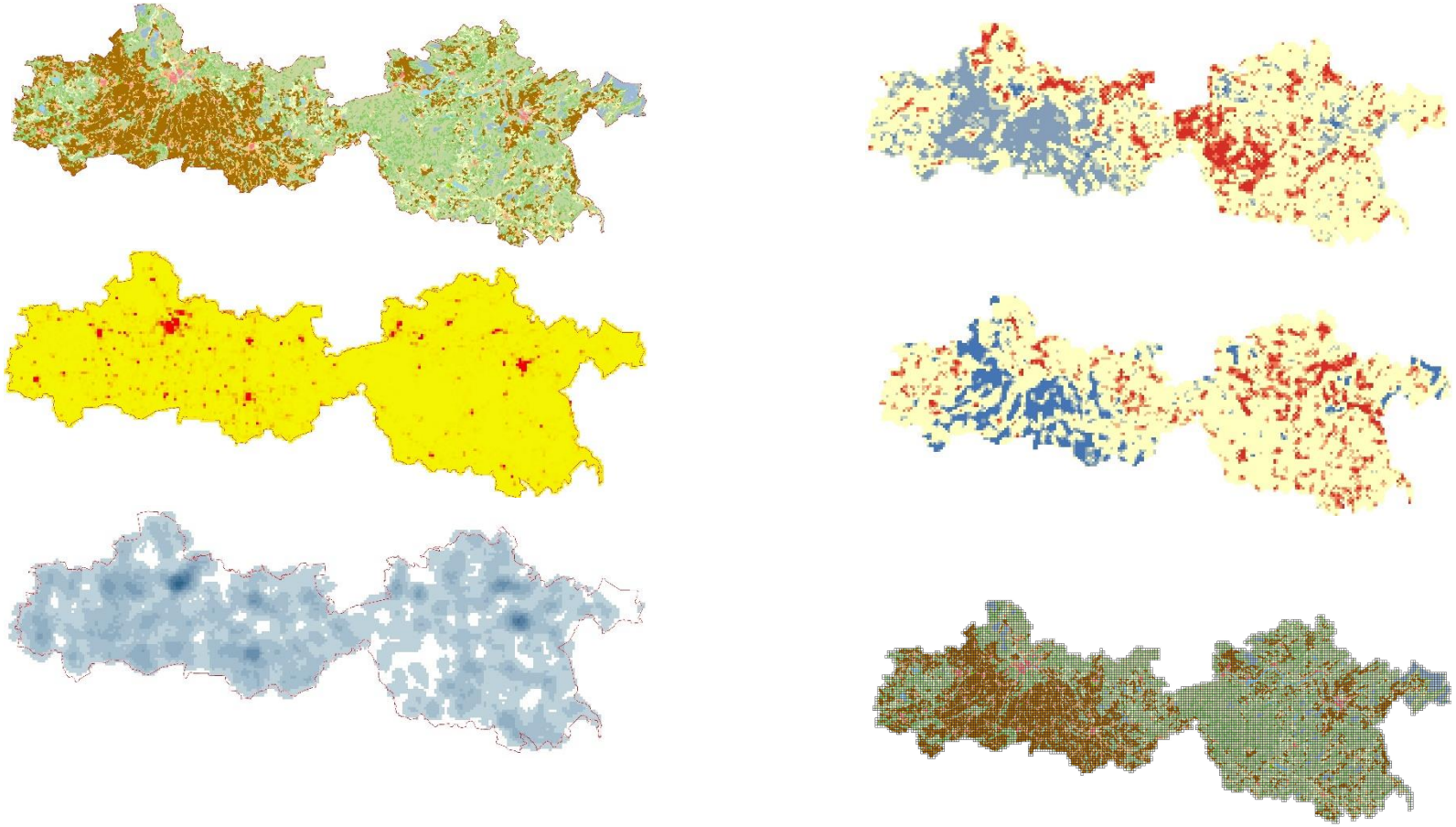
7. step: overlay analysis



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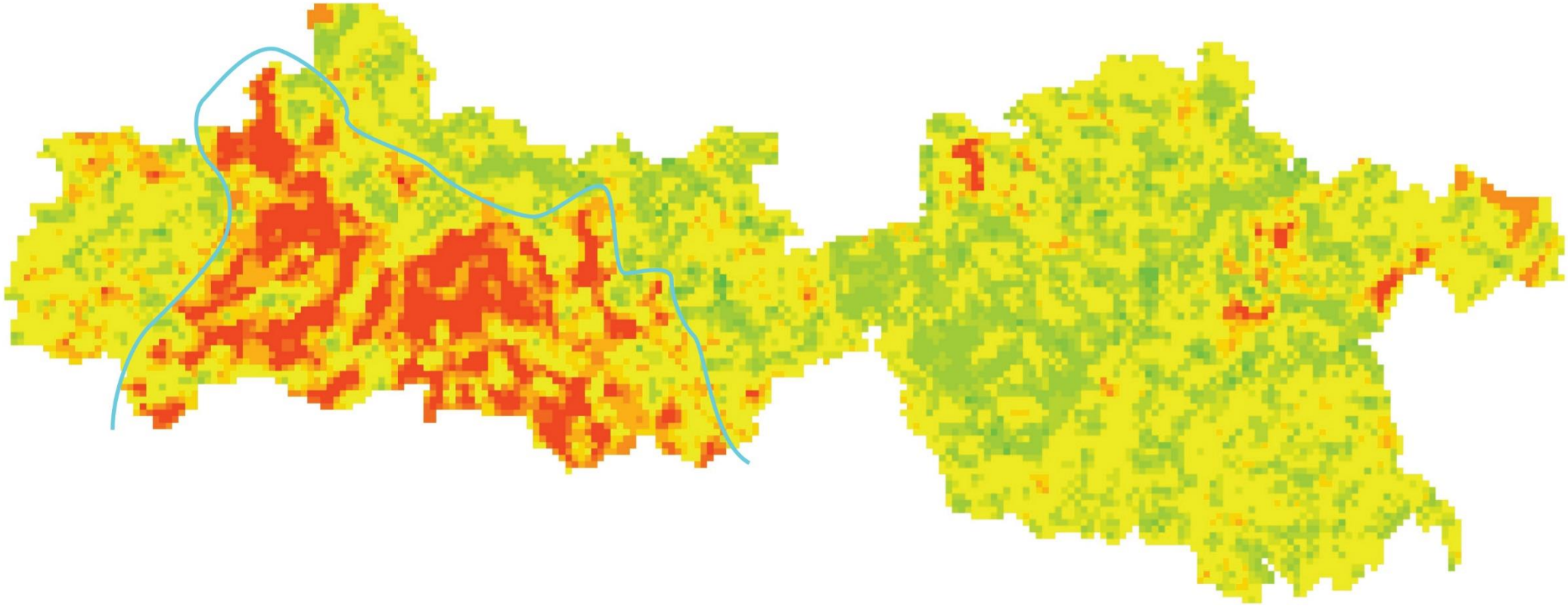
7. step: overlay analysis



Viva Grass Viewer

www.vivagrass.eu