

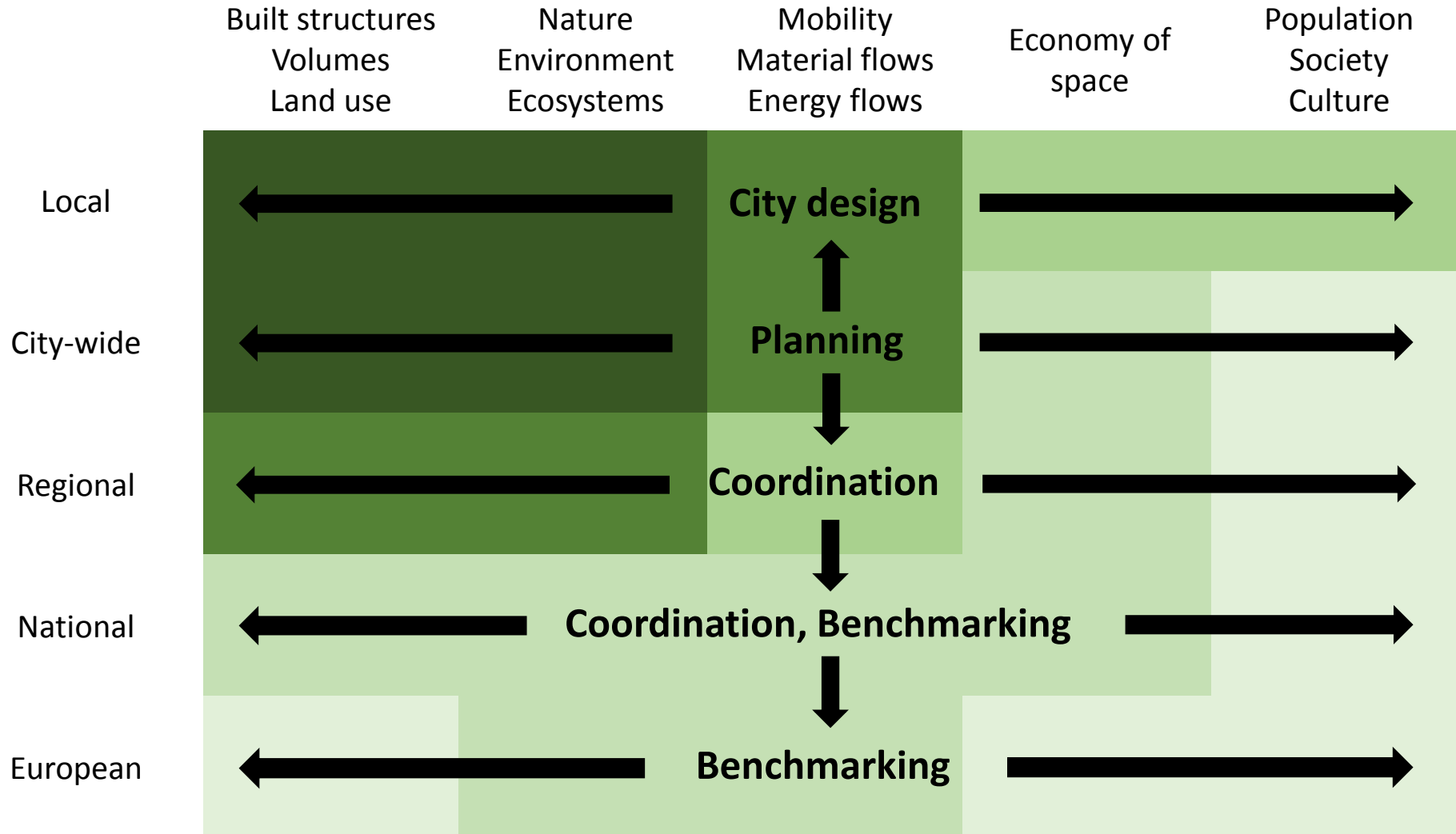
Využití družicových dat v rozvoji měst

Jiří Čtyroký

Institut plánování a rozvoje hl. m. Prahy



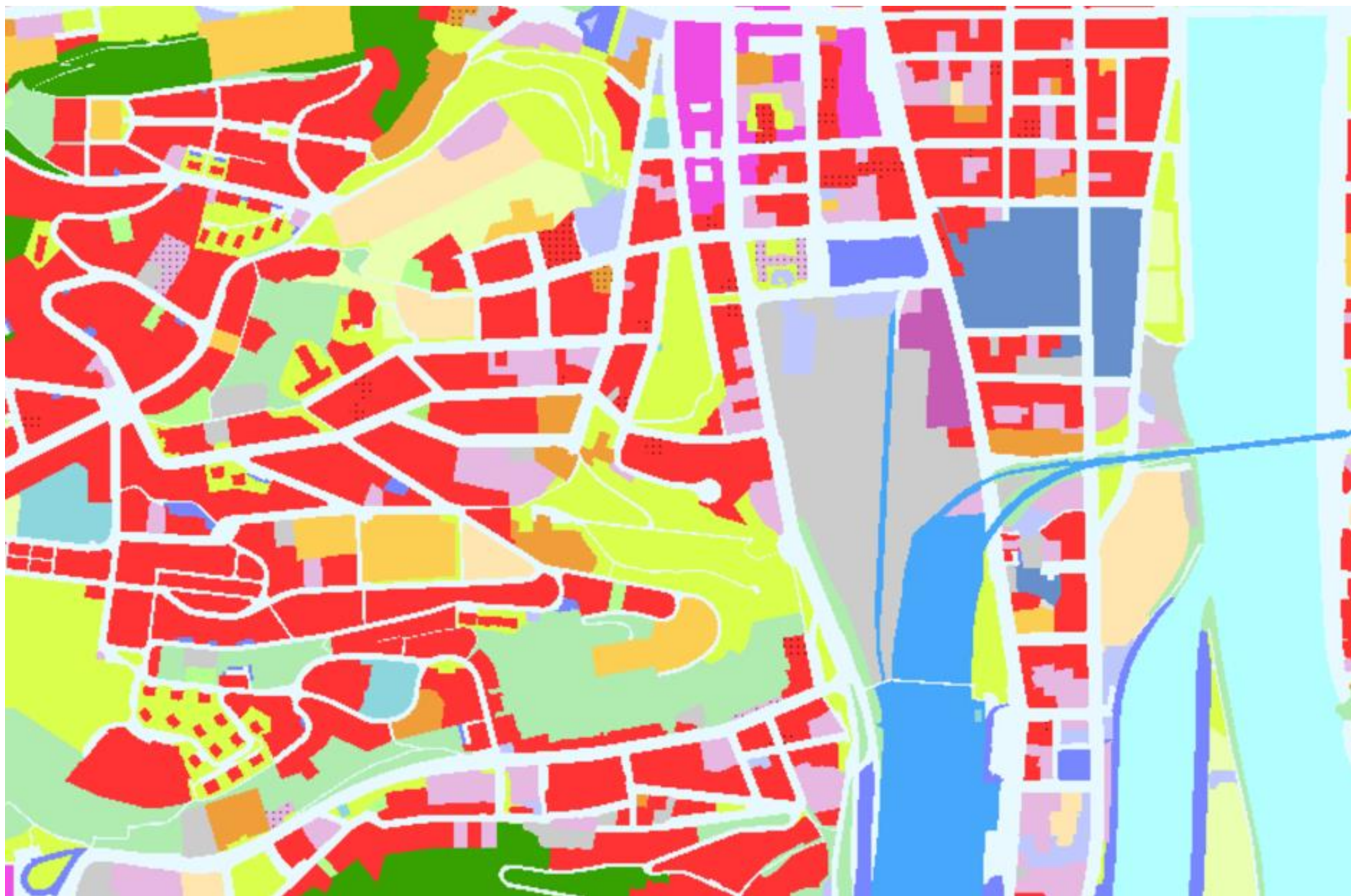
Data pro územní plánování



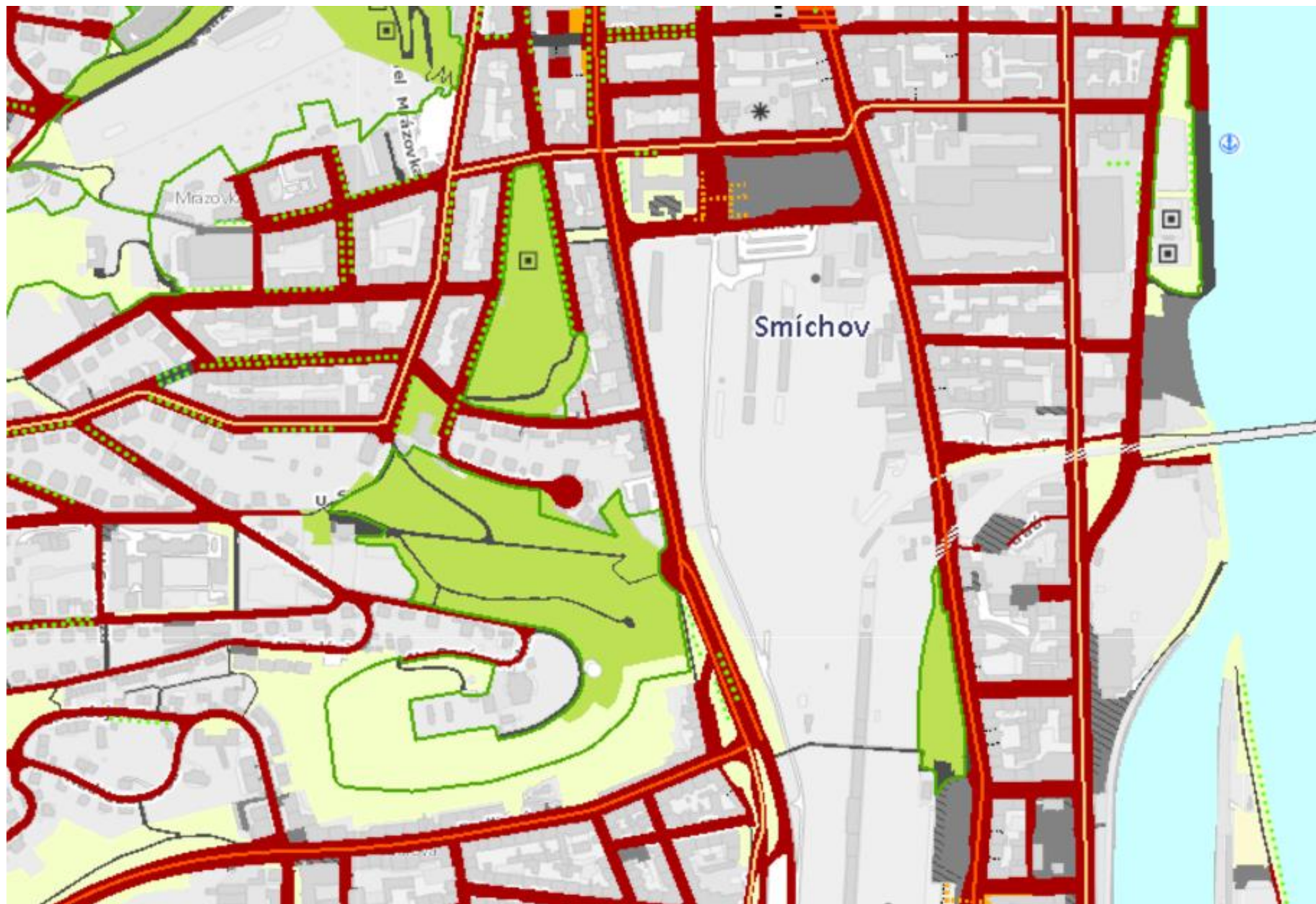
Potenciál dat DPZ pro plánování

	Built structures Volumes Land use		Nature Environment Ecosystems	Mobility Material flows Energy flows	Economy of space	Population Society Culture
Local	Field survey data Airborn data			City design	Field survey data Airborn data	
City-wide				Planning		
Regional	Field survey data Earth observation data			Coordination	Field survey data Earth observation data	
National				Coordination, Benchmarking		
European				Benchmarking		

ÚAP Praha, Současný stav využití území



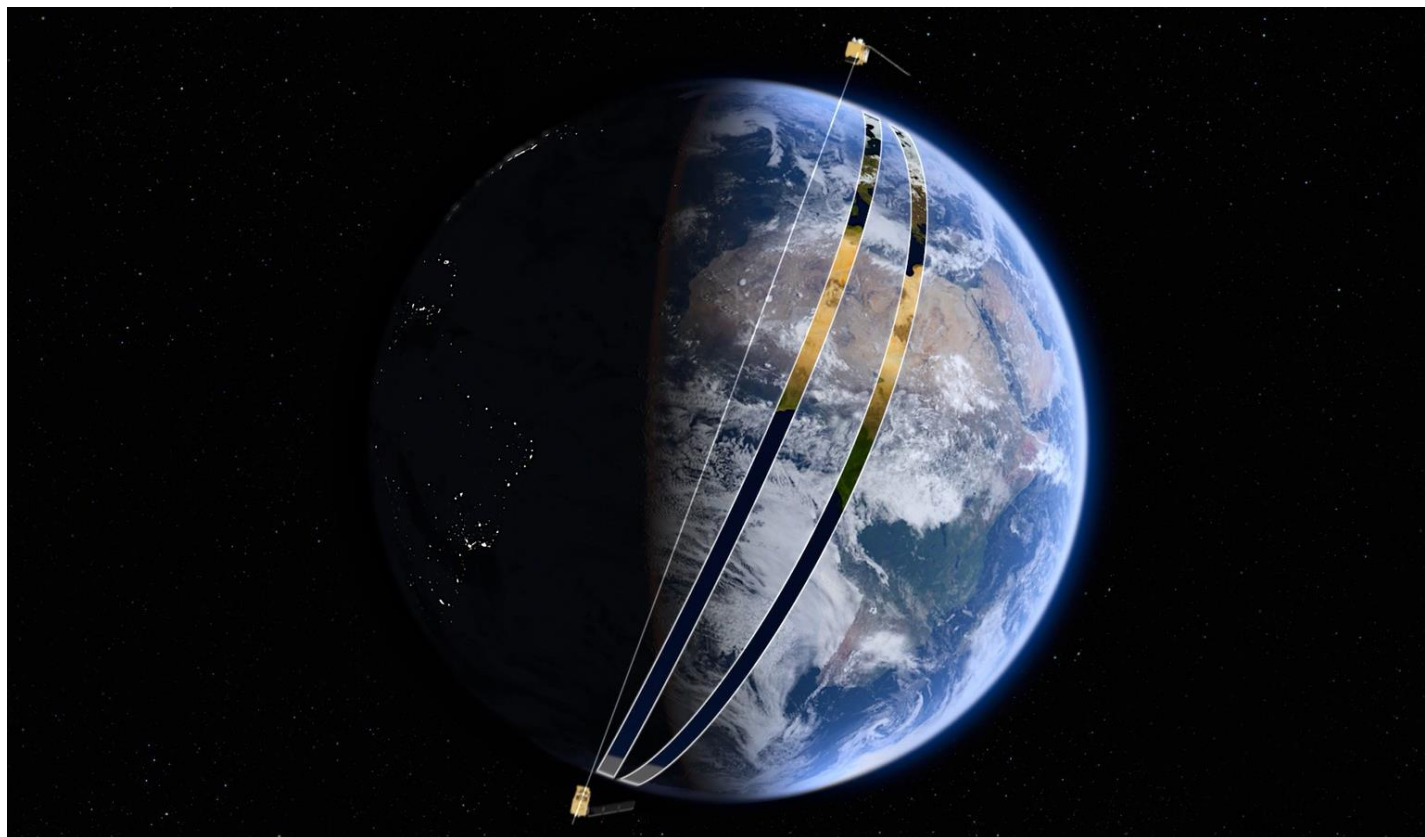
ÚAP Praha, Současný stav využití území, Veřejně přístupné plochy

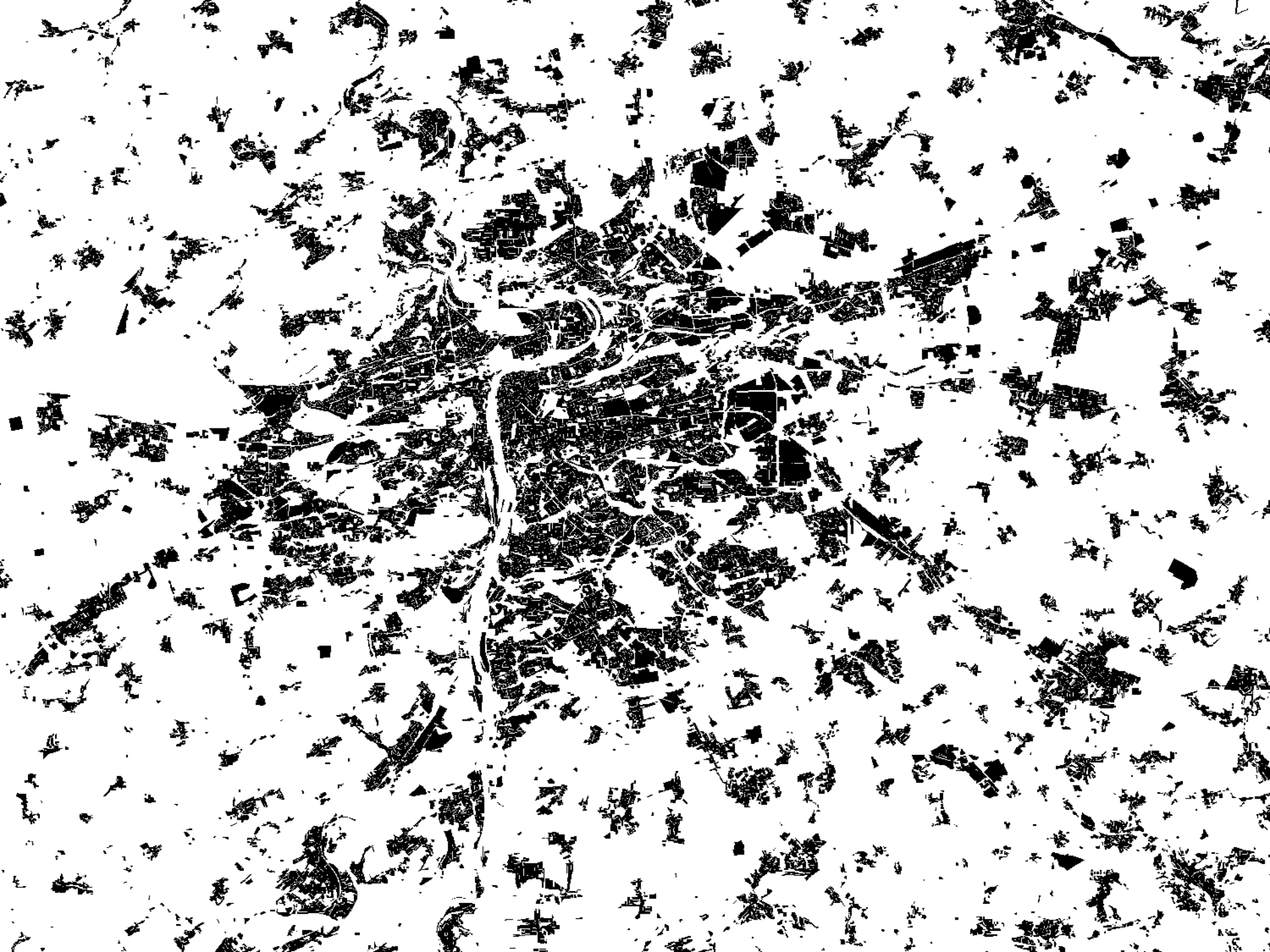


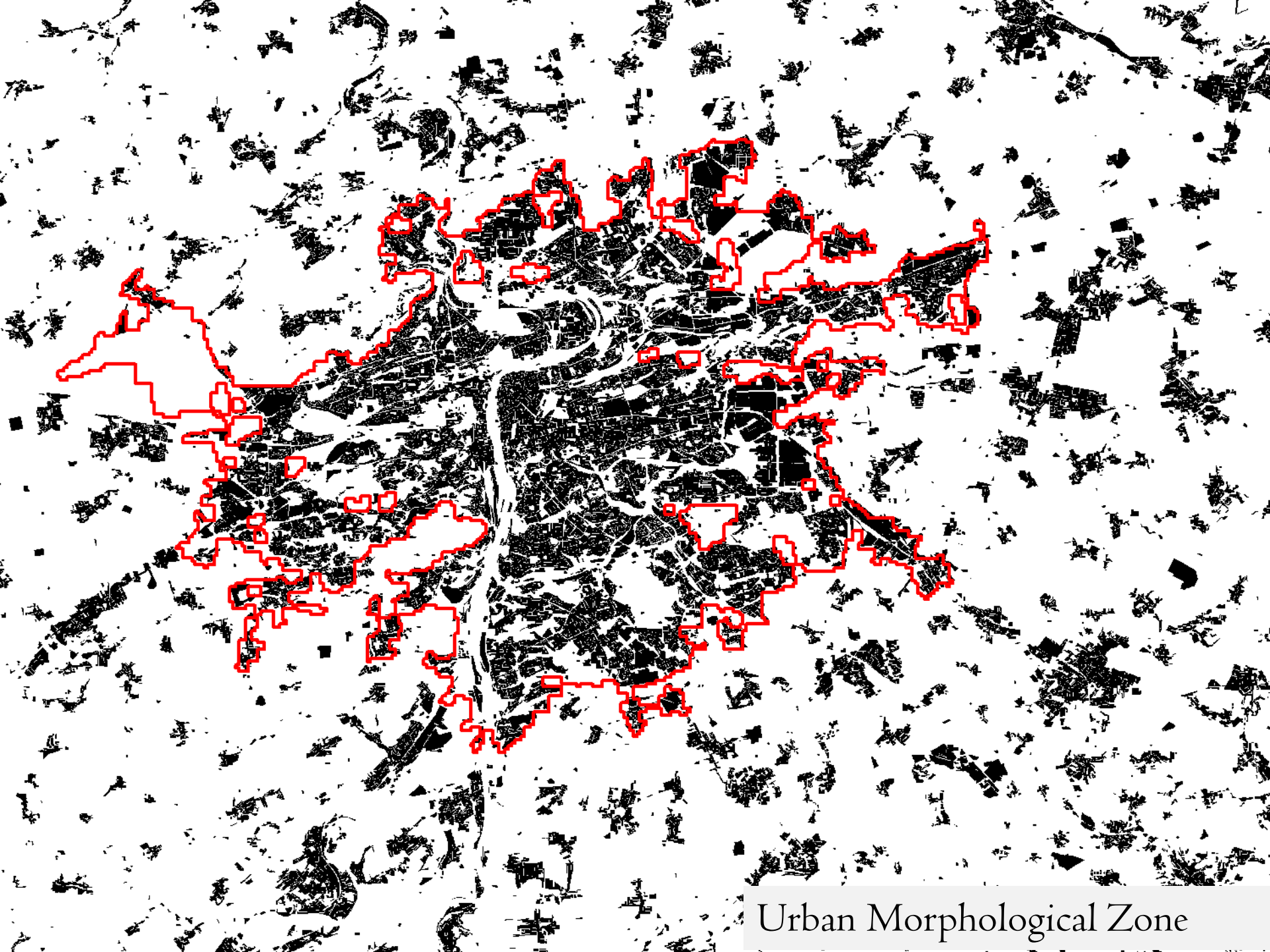
Digitální model povrchu hl. m. Prahy



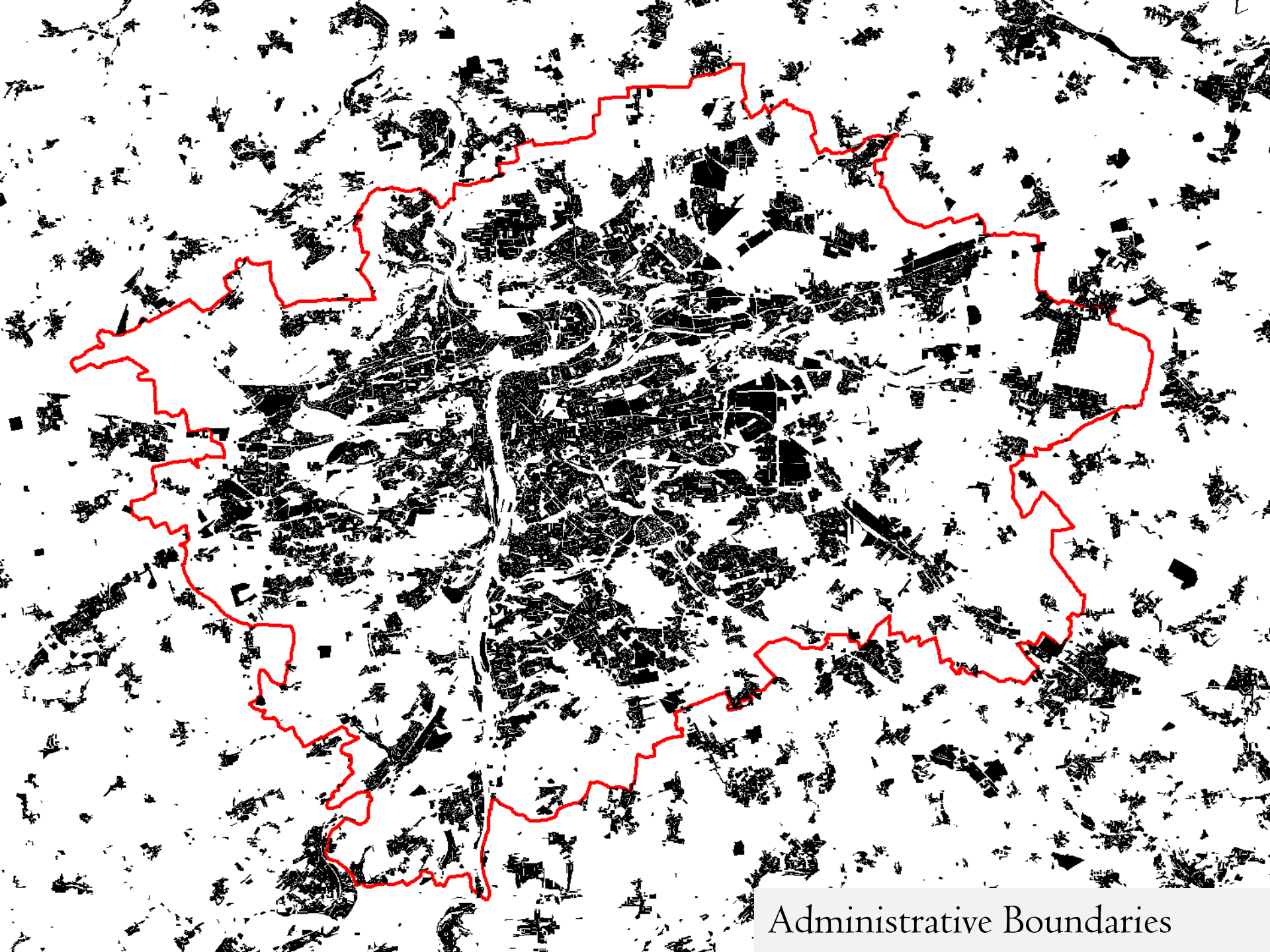
Využití satelitních dat



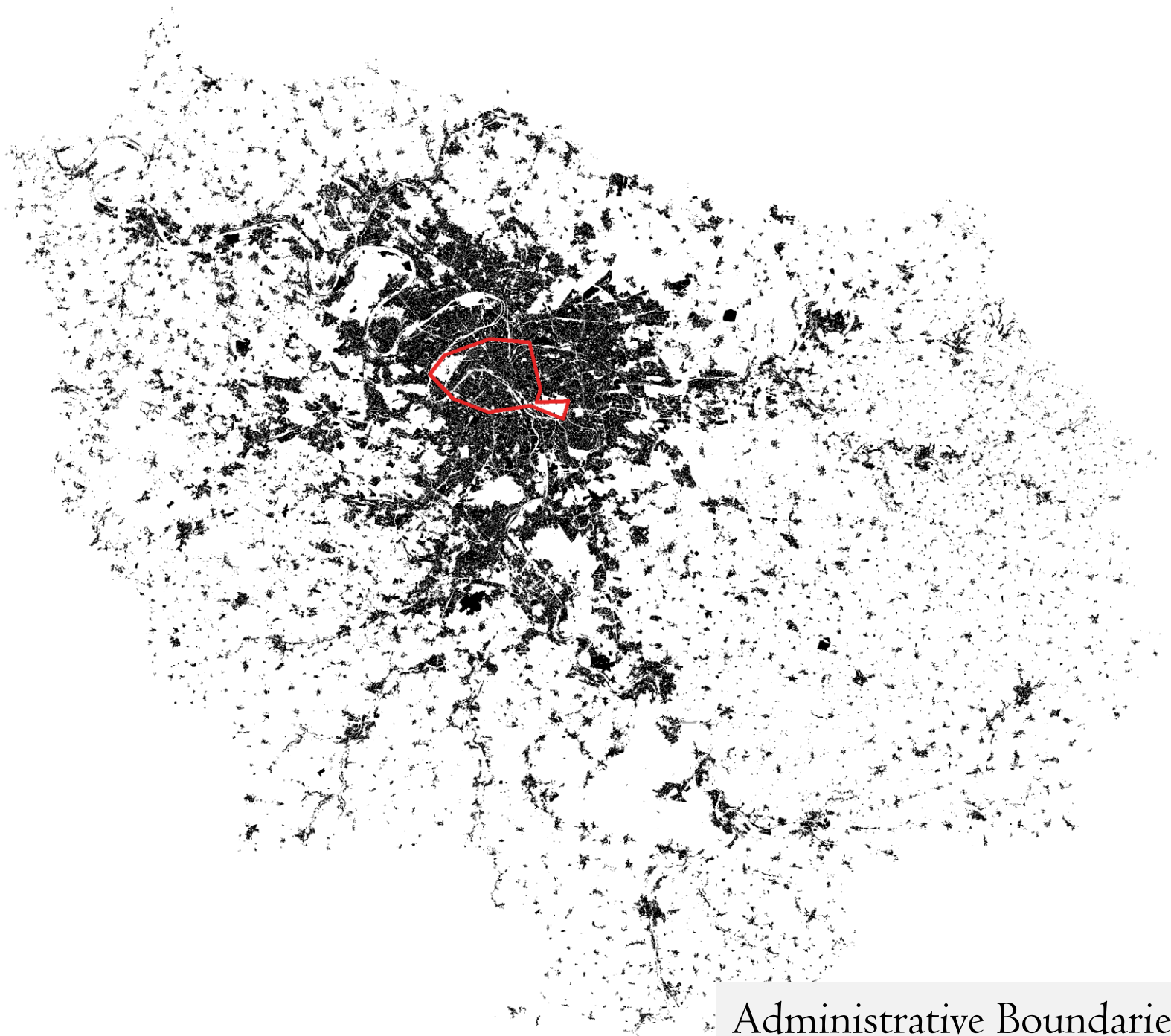




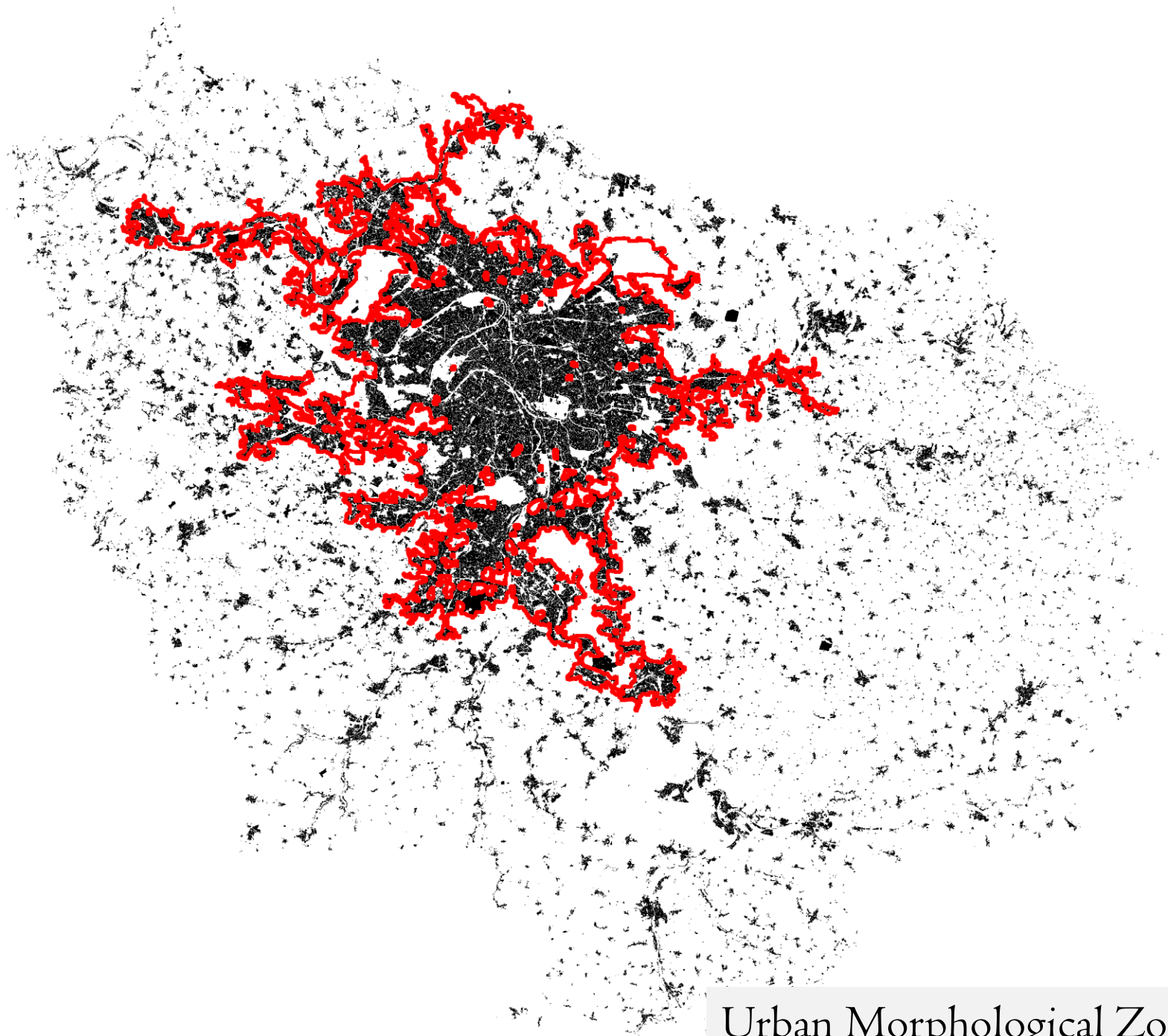
Urban Morphological Zone



Administrative Boundaries

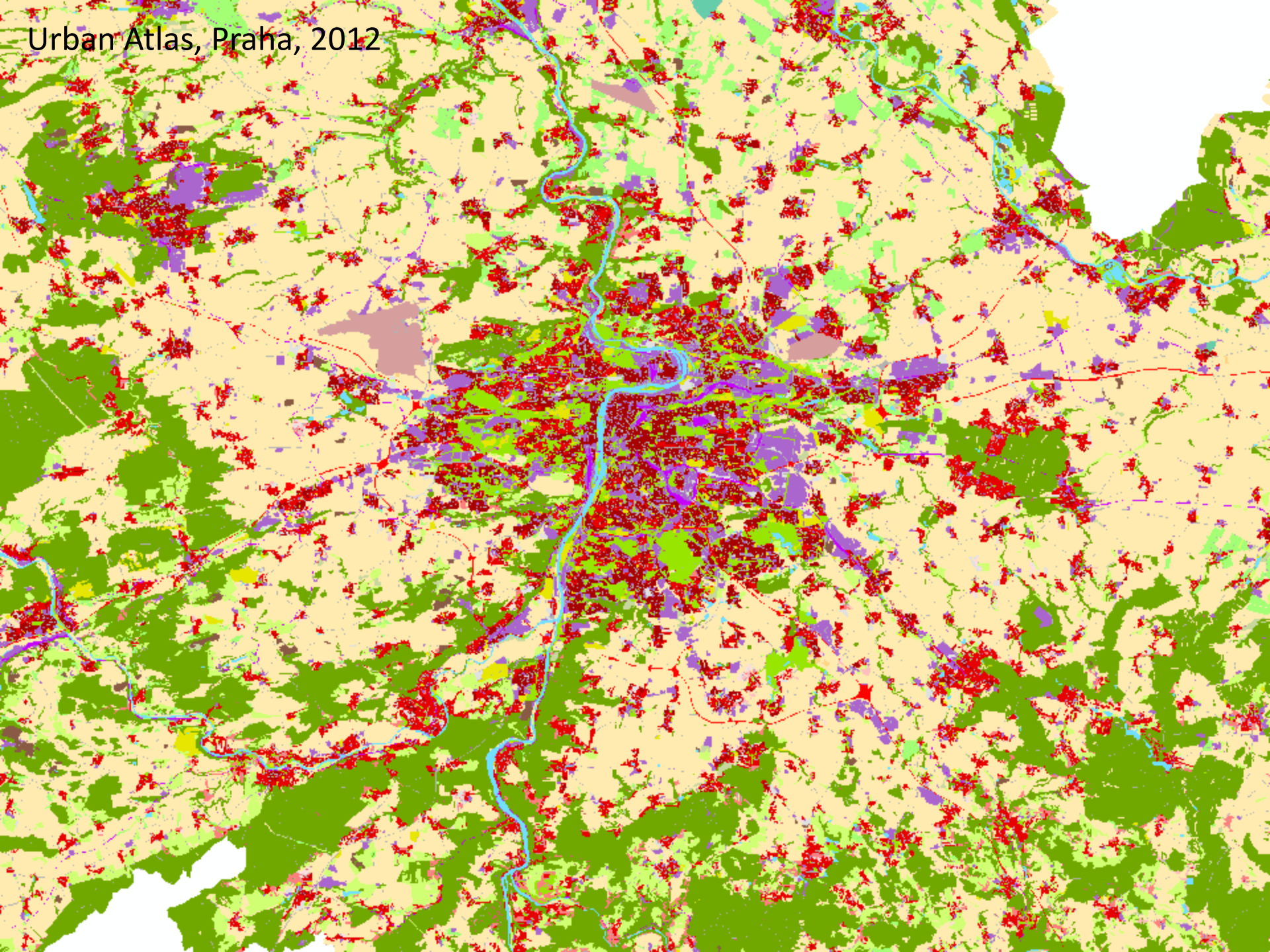


Administrative Boundaries

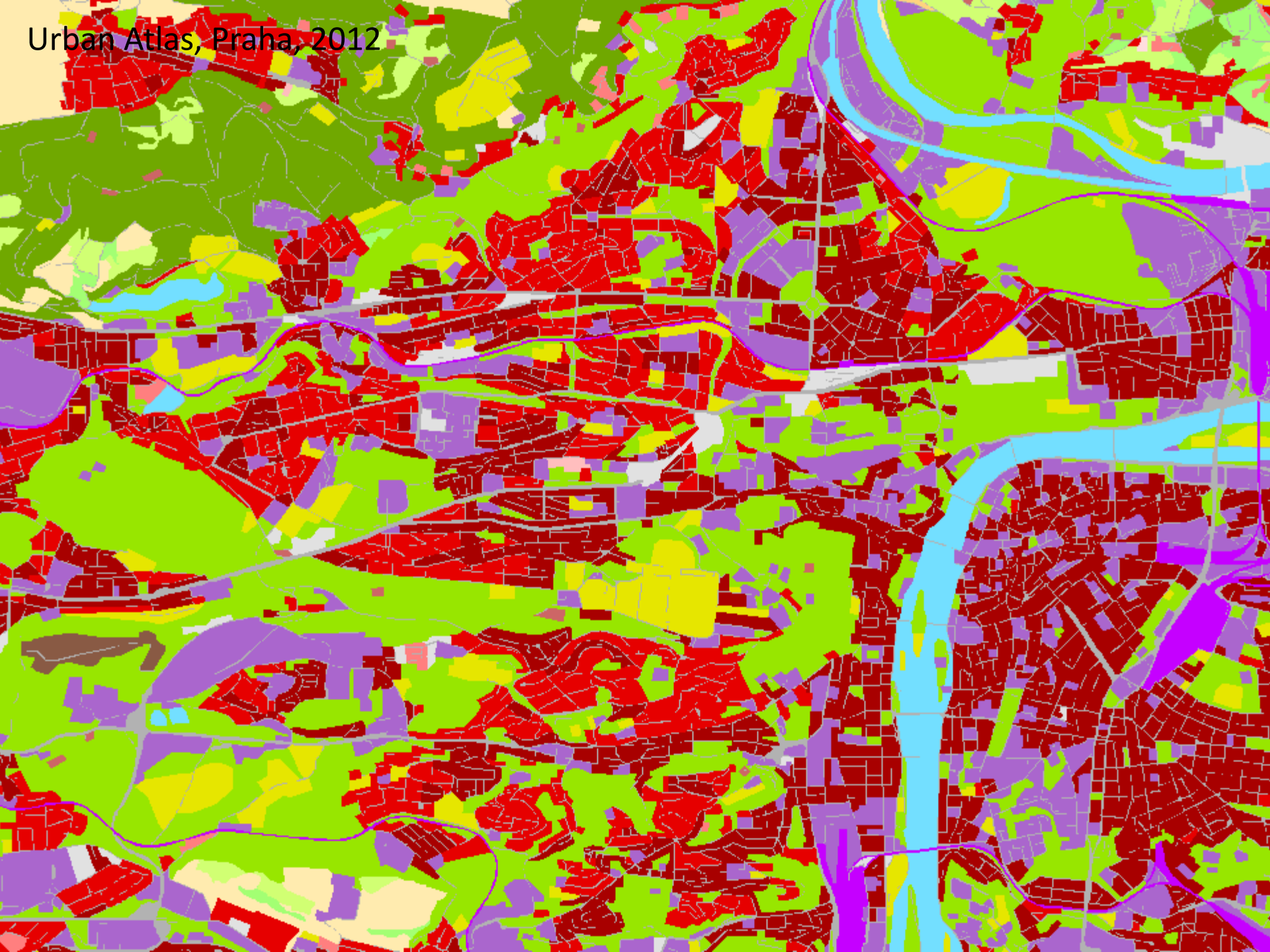


Urban Morphological Zone

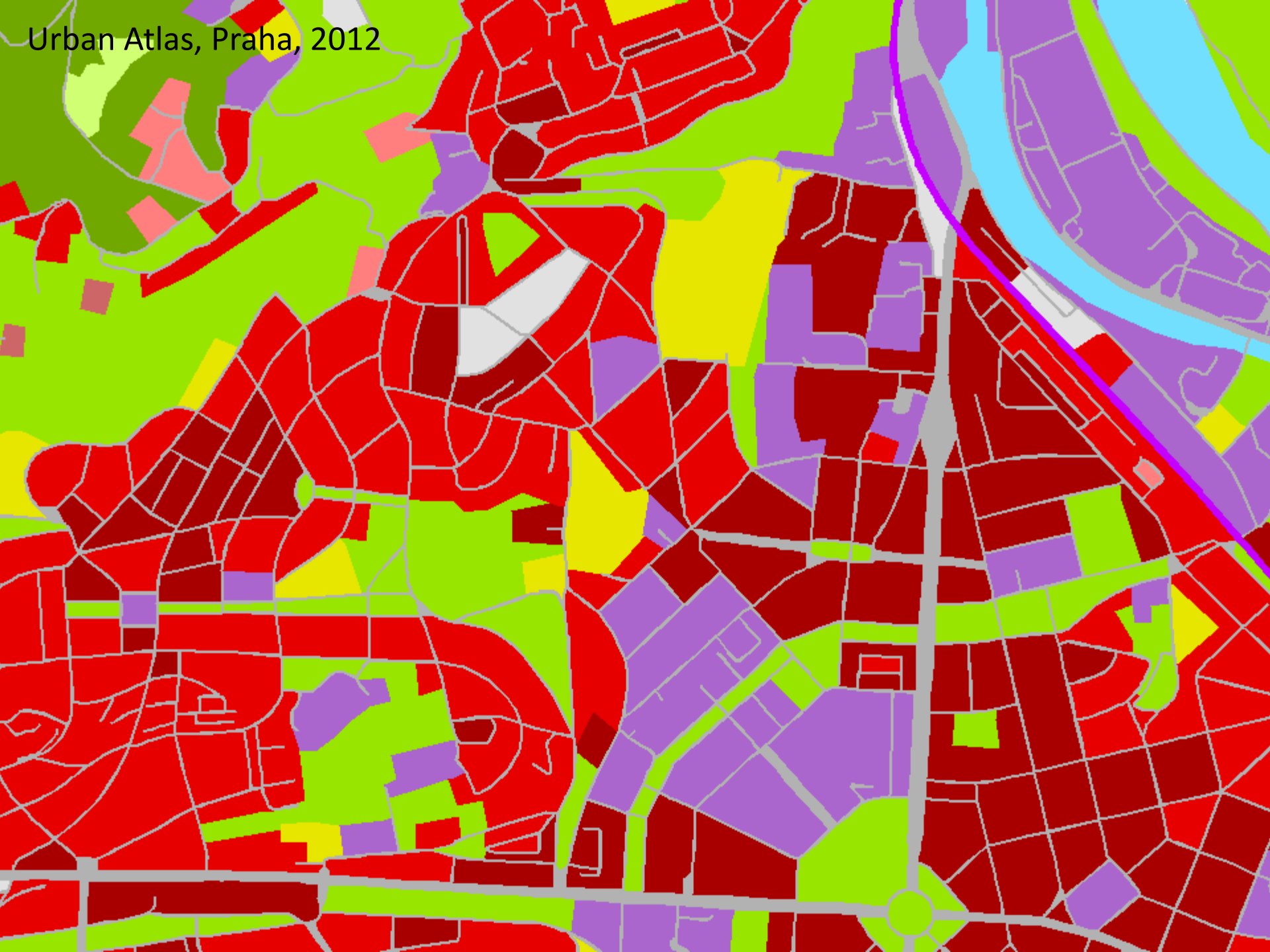
Urban Atlas, Praha, 2012



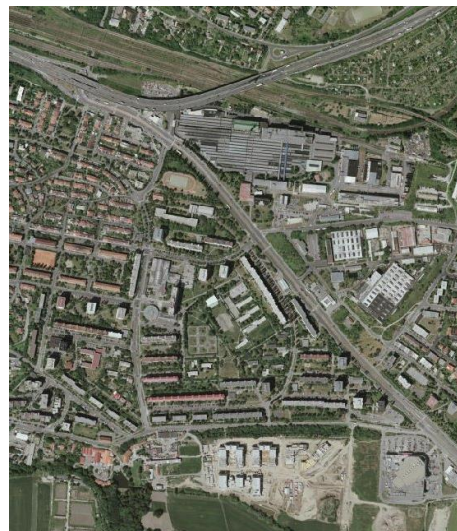
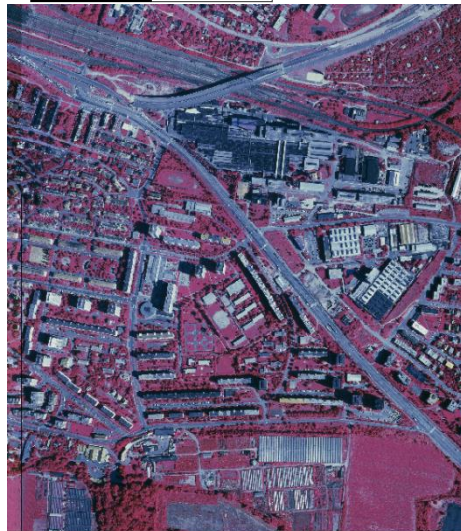
Urban Atlas, Praha, 2012



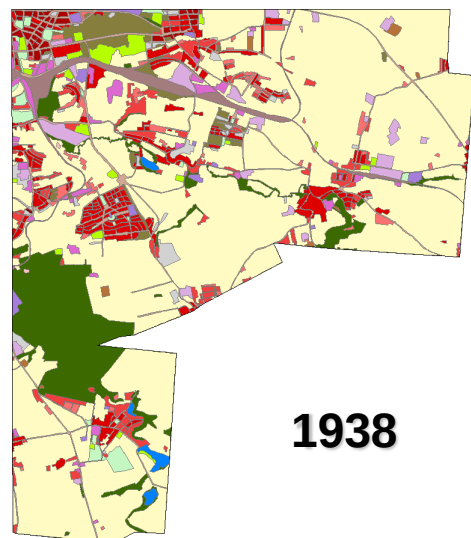
Urban Atlas, Praha, 2012



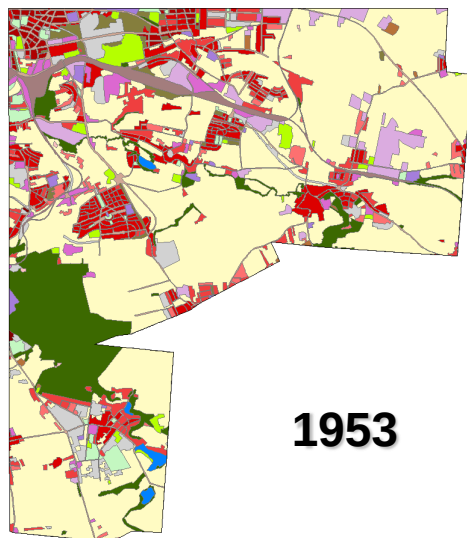
Mapování Urban Atlas na základě historických leteckých snímků 1938-2005



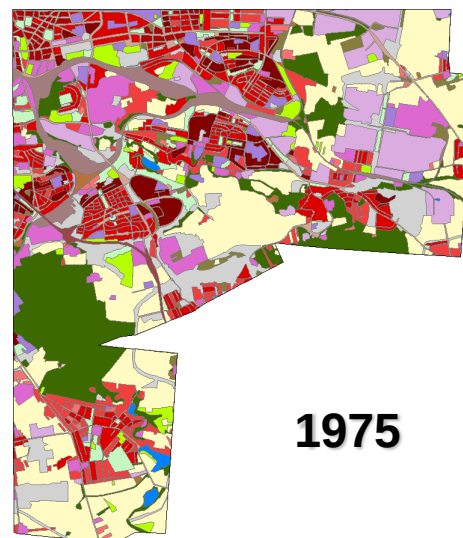
Mapování Urban Atlas na základě historických leteckých snímků 1938-2005



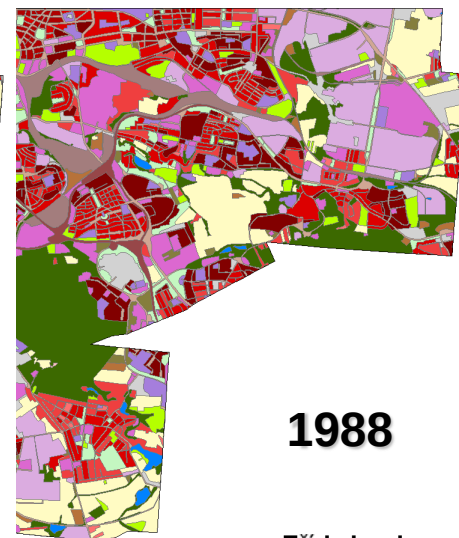
1938



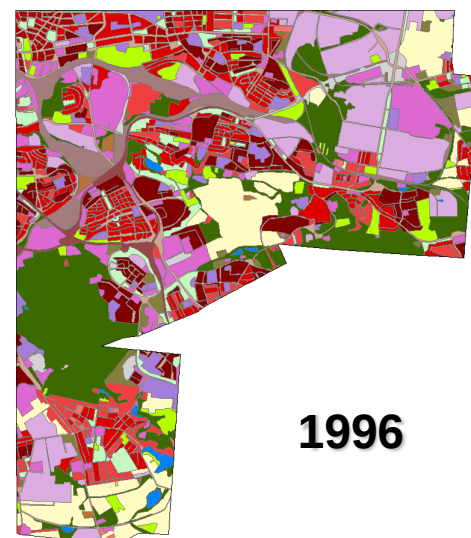
1953



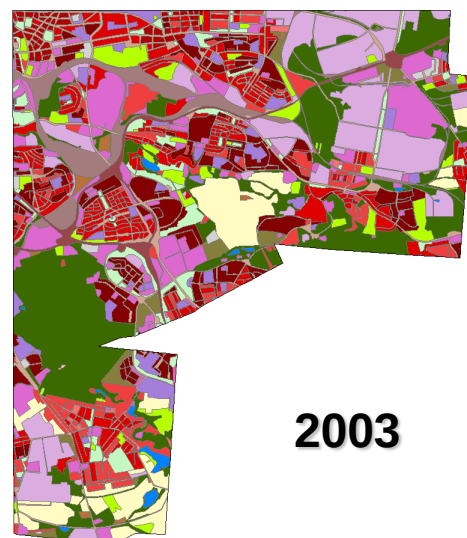
1975



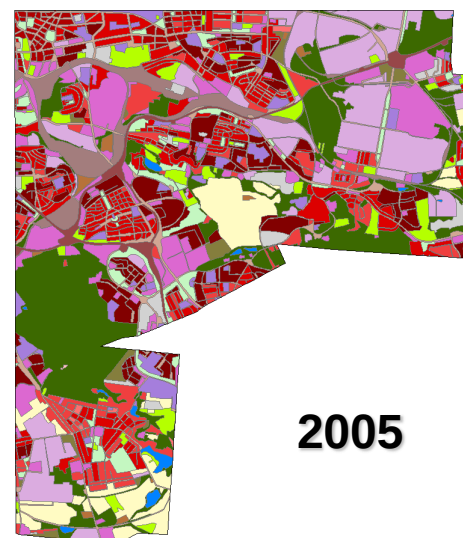
1988



1996

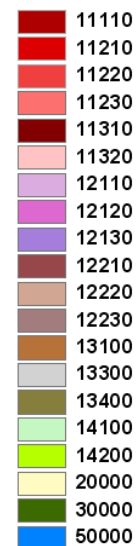


2003



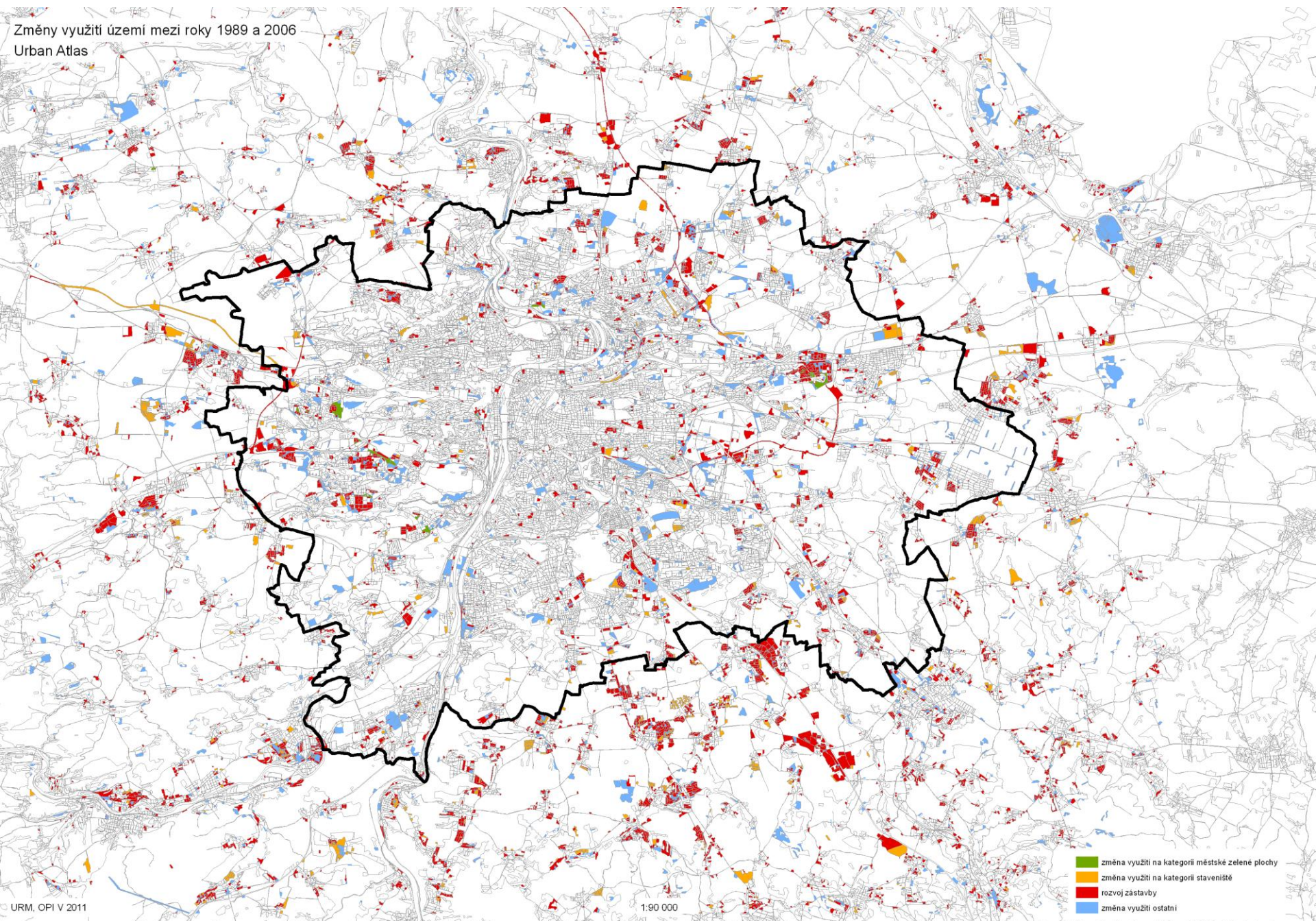
2005

Třídy land use:

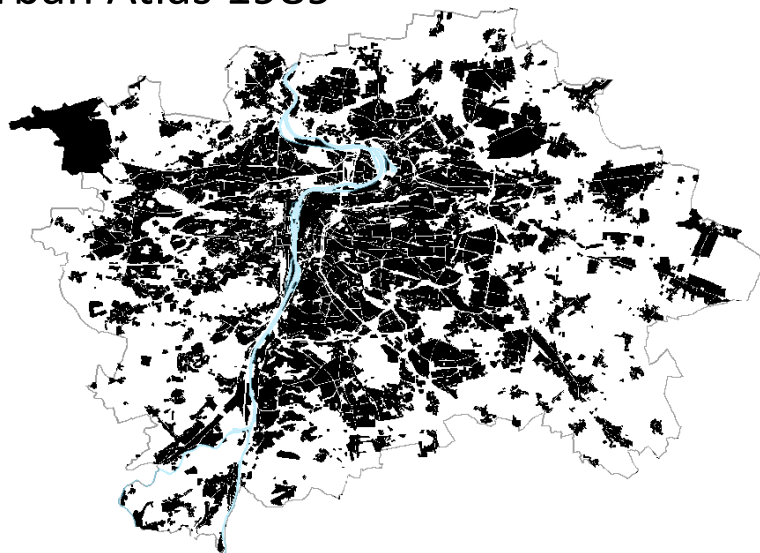


Změny využití území mezi roky 1989 a 2006

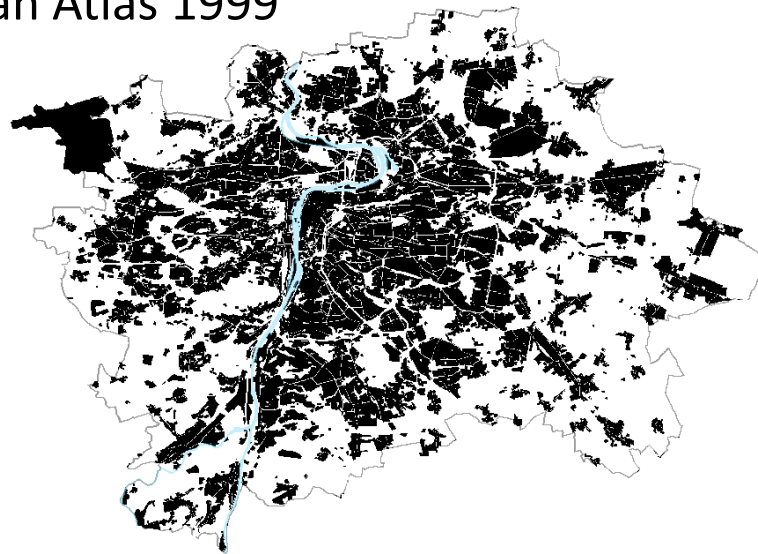
Urban Atlas



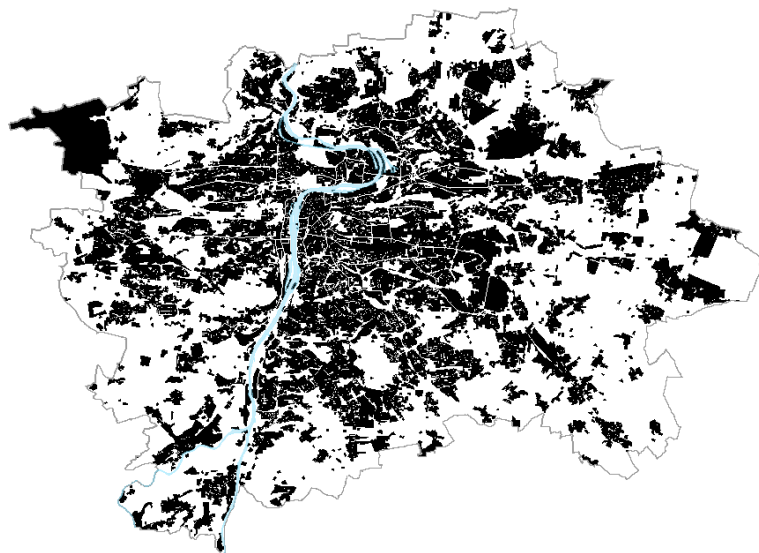
Urban Atlas 1989



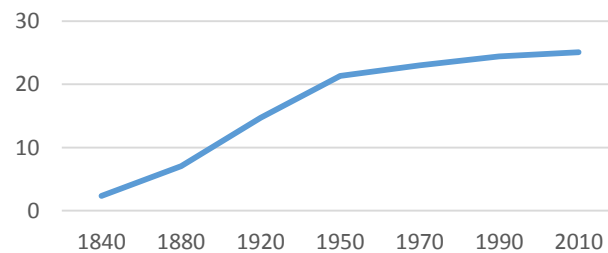
Urban Atlas 1999



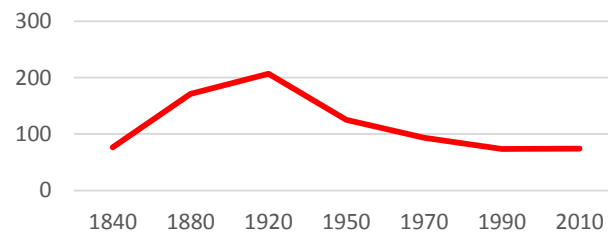
Urban Atlas 2006

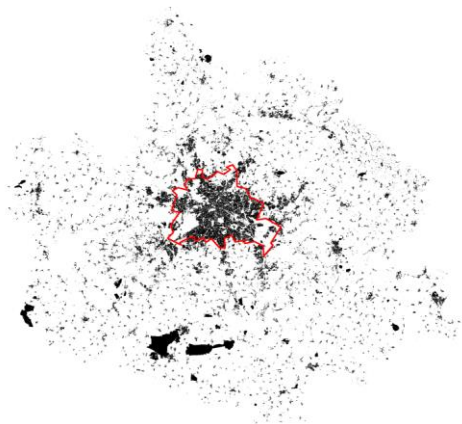


Population density (pop/ha city area)

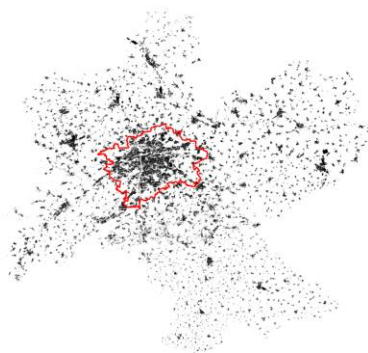


Population density (pop/ha built up area)

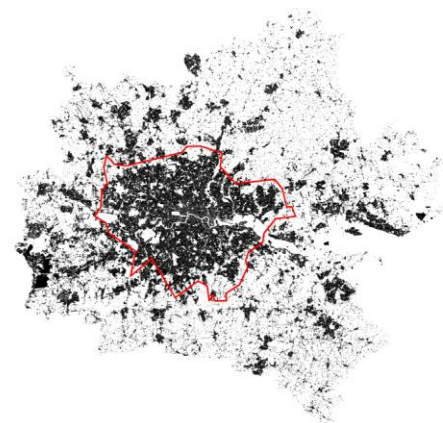




Berlin



Praha



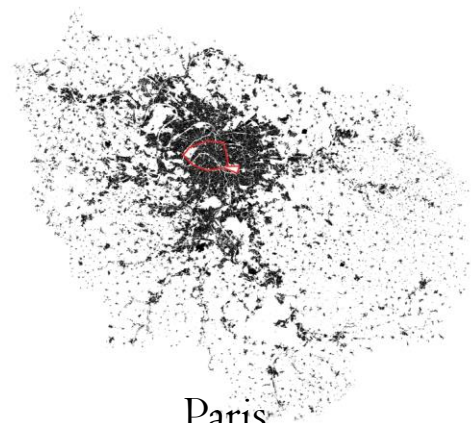
London



Wien

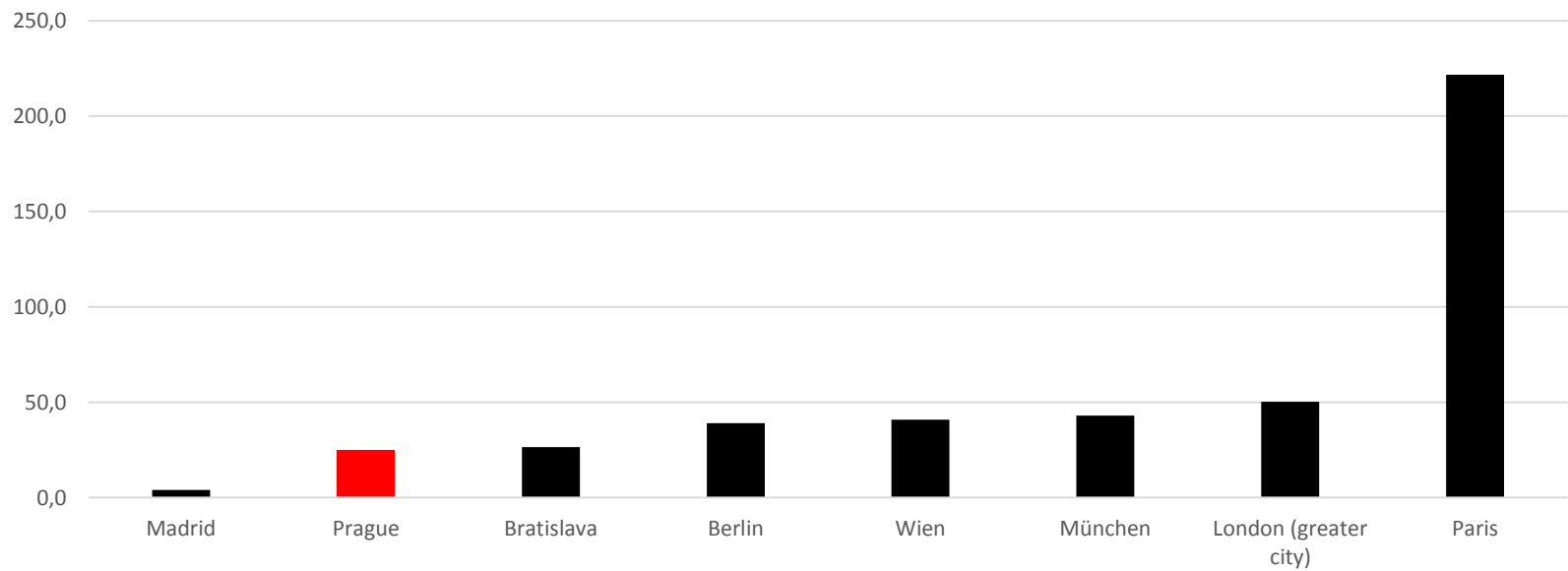


München



Paris

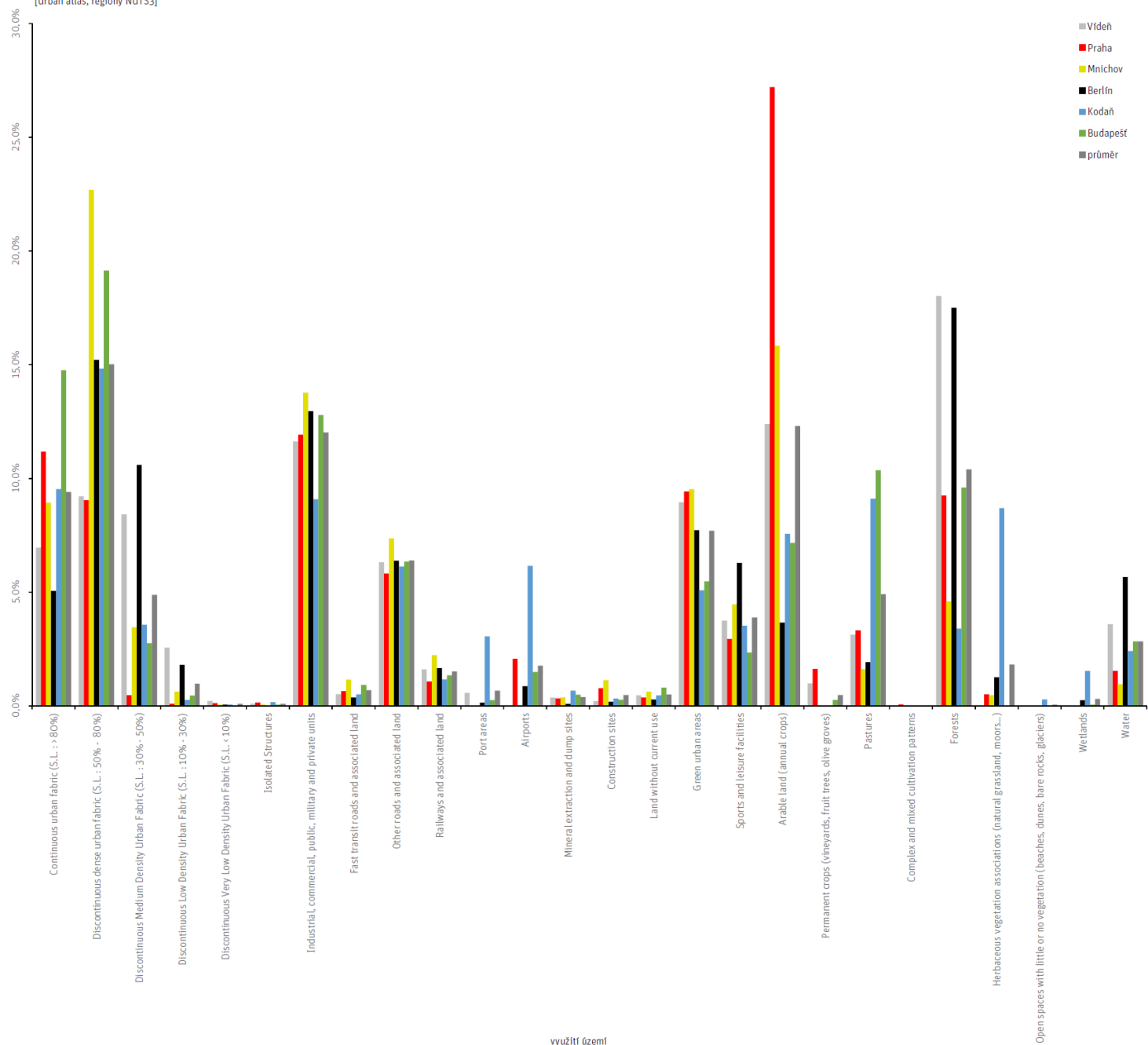
Population density (residents/built-up area)
Source: Urban Atlas & Urban Audit



1200—Vyhodnocení vyváženosti vztahu mezi pilíři udržitelnosti rozvoje

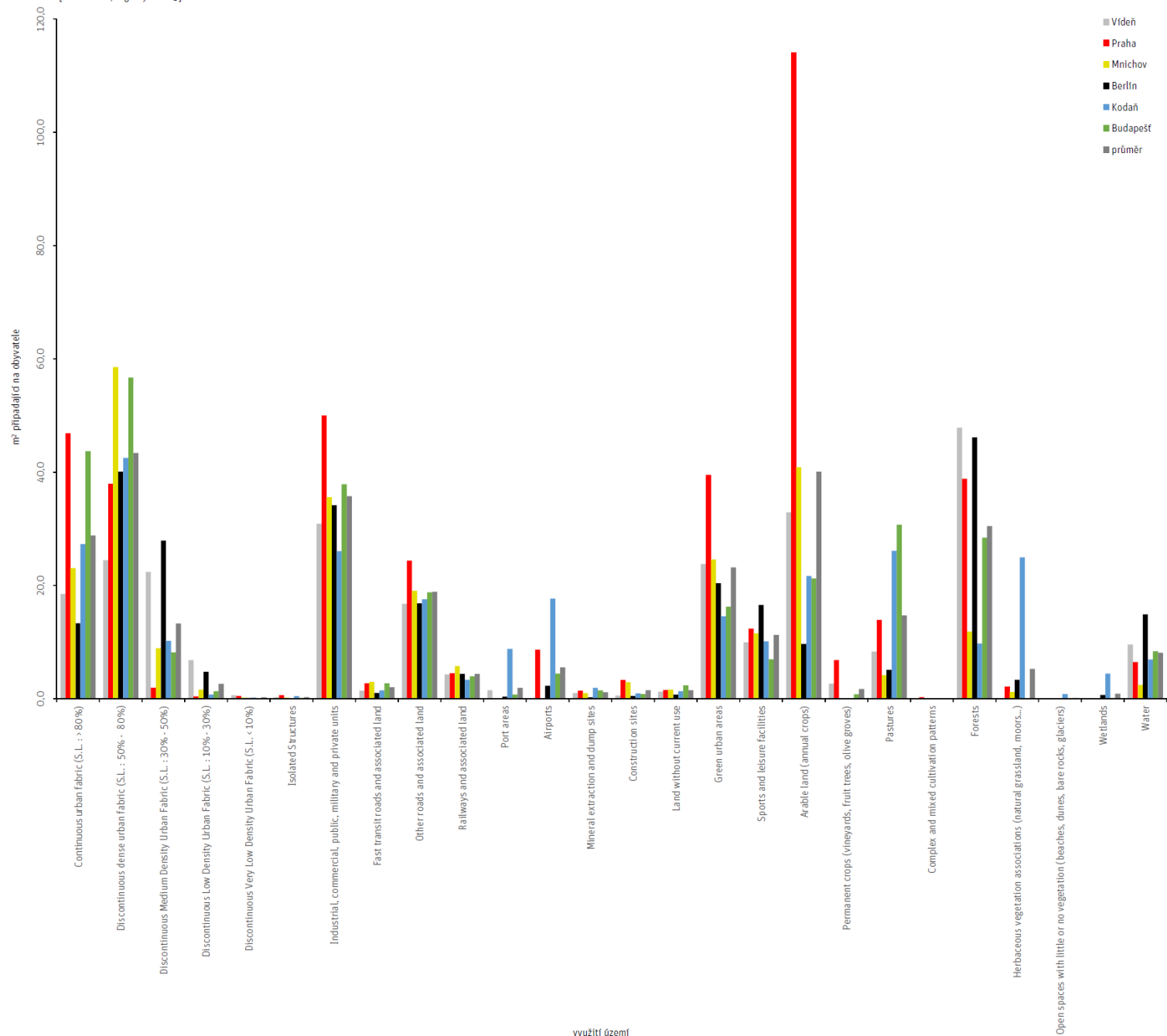
Využití území, podíl na celku

[Urban atlas, regiony NUTS3]



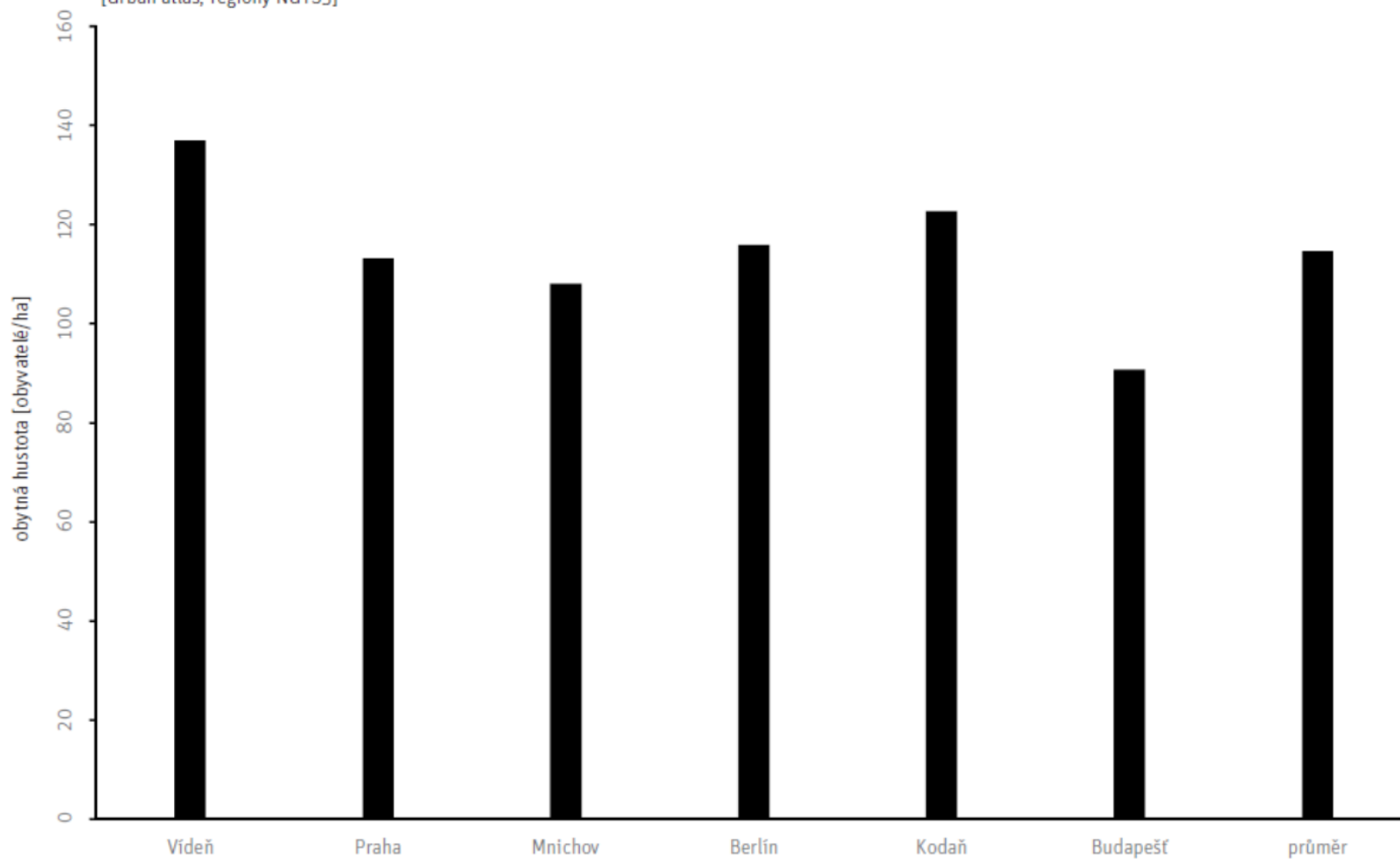
Využití území, m² připadající na obyvatele

[Urban atlas, regiony NUTS3]



Obytná hustota ve městské zástavbě (urban fabric) [obyvatelé/ha]

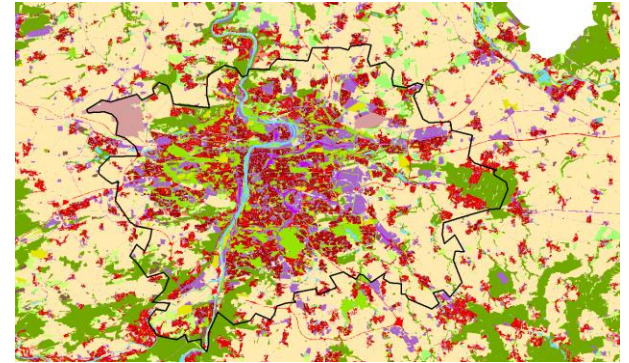
[Urban atlas, regiony NUTS3]



Poznámka

více dat <> lepší informace

Obytná hustota v Praze?



Administrativní hranice

Corine Land Cover: 60,15 obyv/ha zastavěného území

Urban Atlas: 78,6 obyv/ha zastavěného území

Technická mapa: 329,96 obyv/ha zastavěného území

Územní plán: 44,02 obyv/ha zastavitelného území

Děkuji za pozornost

Jiří Čtyrský

Institut plánování a rozvoje hl. m. Prahy

