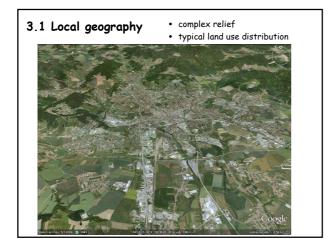
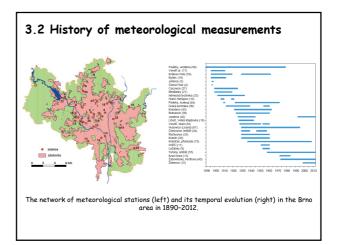
URBAN CLIMATOLOGY

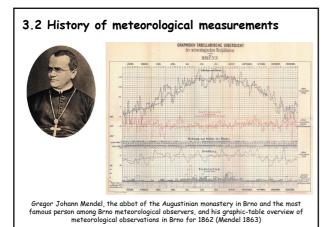
3. The climate of Brno as an example (data, methods, main outcomes)

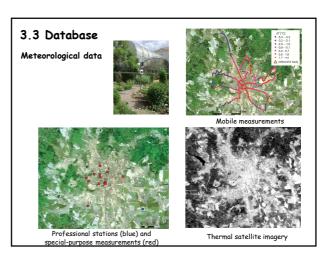
Motivation

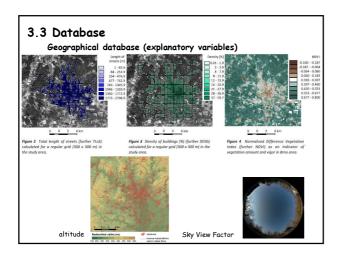
- What are the typical features of spatial and temporal variability of the main meteorological elements?
- What is the intensity of urban heat island (UHI) during days with the radiation-driven weather?
- What is the contribution of individual factors to UHI formation?

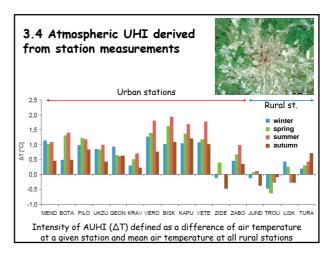


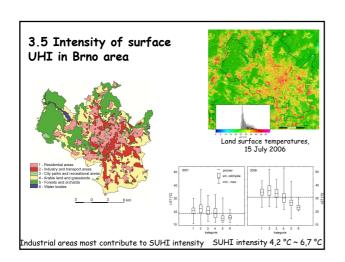


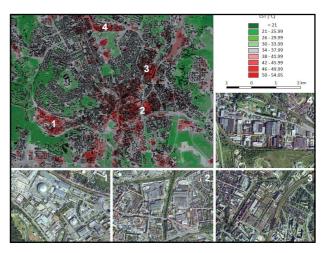


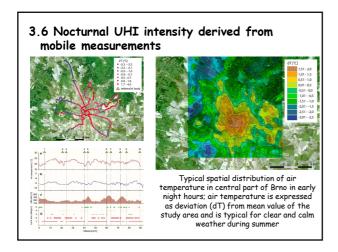


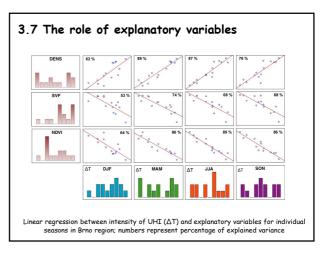


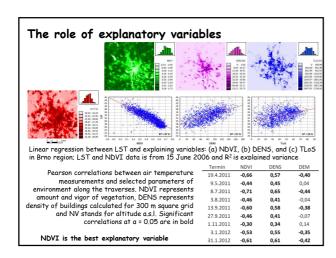












3.8 Final remarks and questions

- Why is it useful to have a long term meteorological measurements?
- 2. What are the main data types we need for an analysis of urban climate?
- 3. What parts of the city are most susceptible to higher temperatures?
- 4. Compare positive/negative features of satellite thermal mapping and mobile measurements used for UHI intensity estimate?