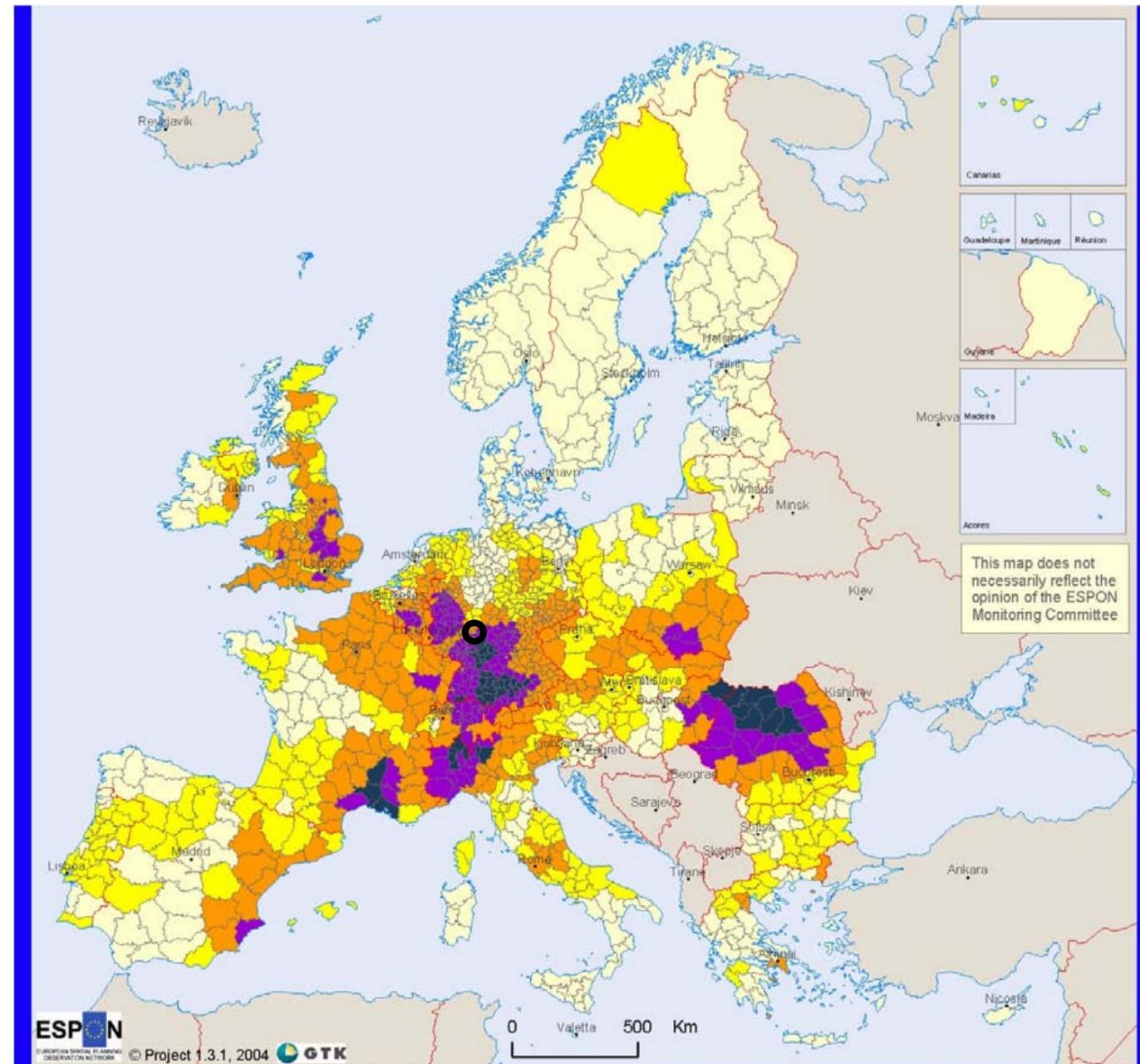
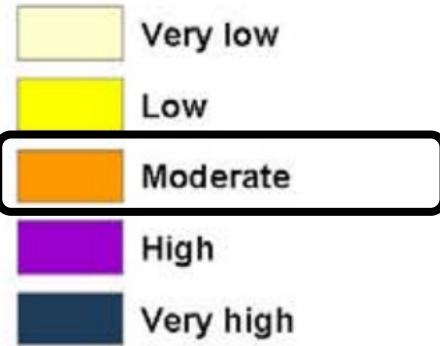
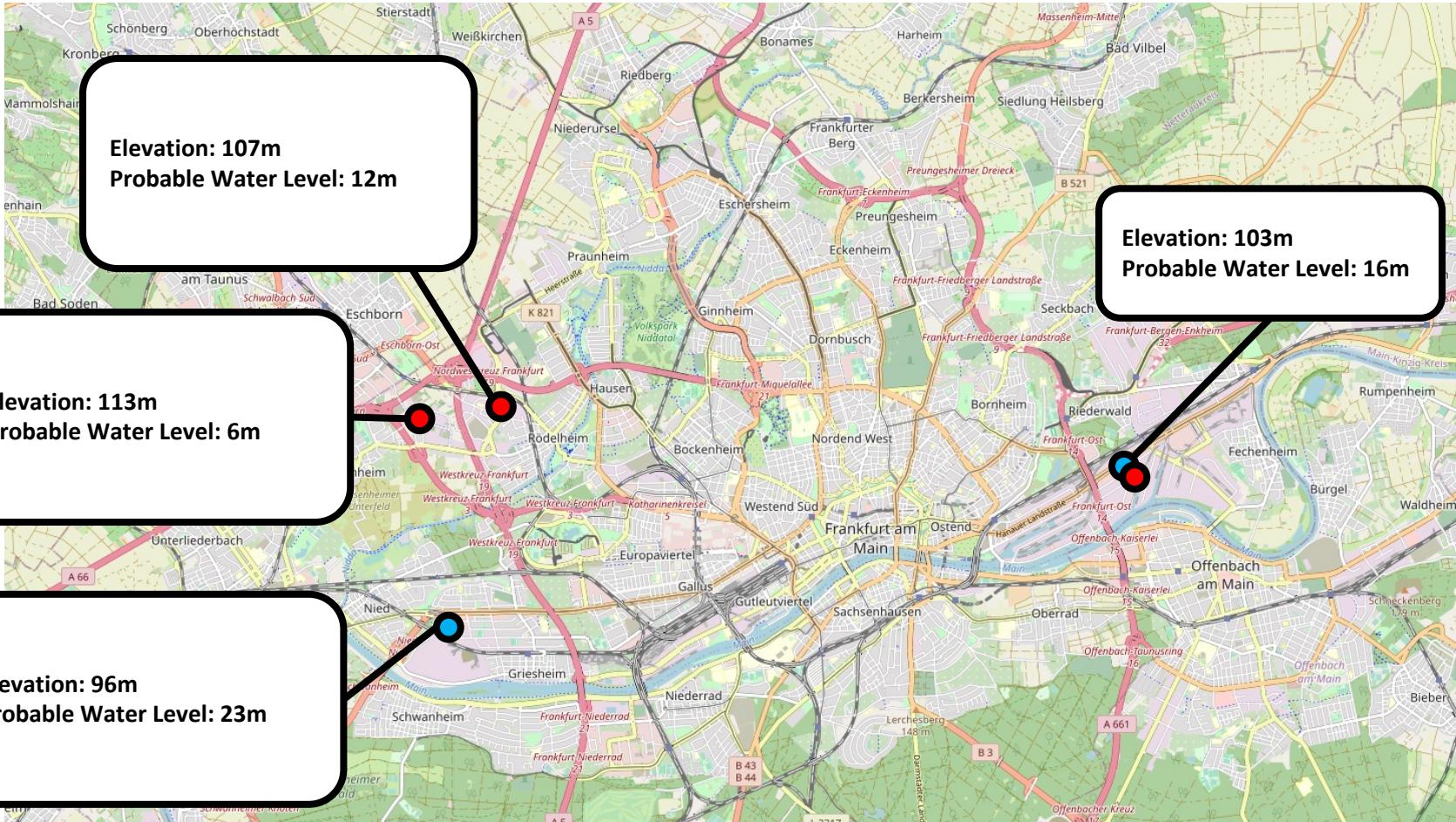


Floods

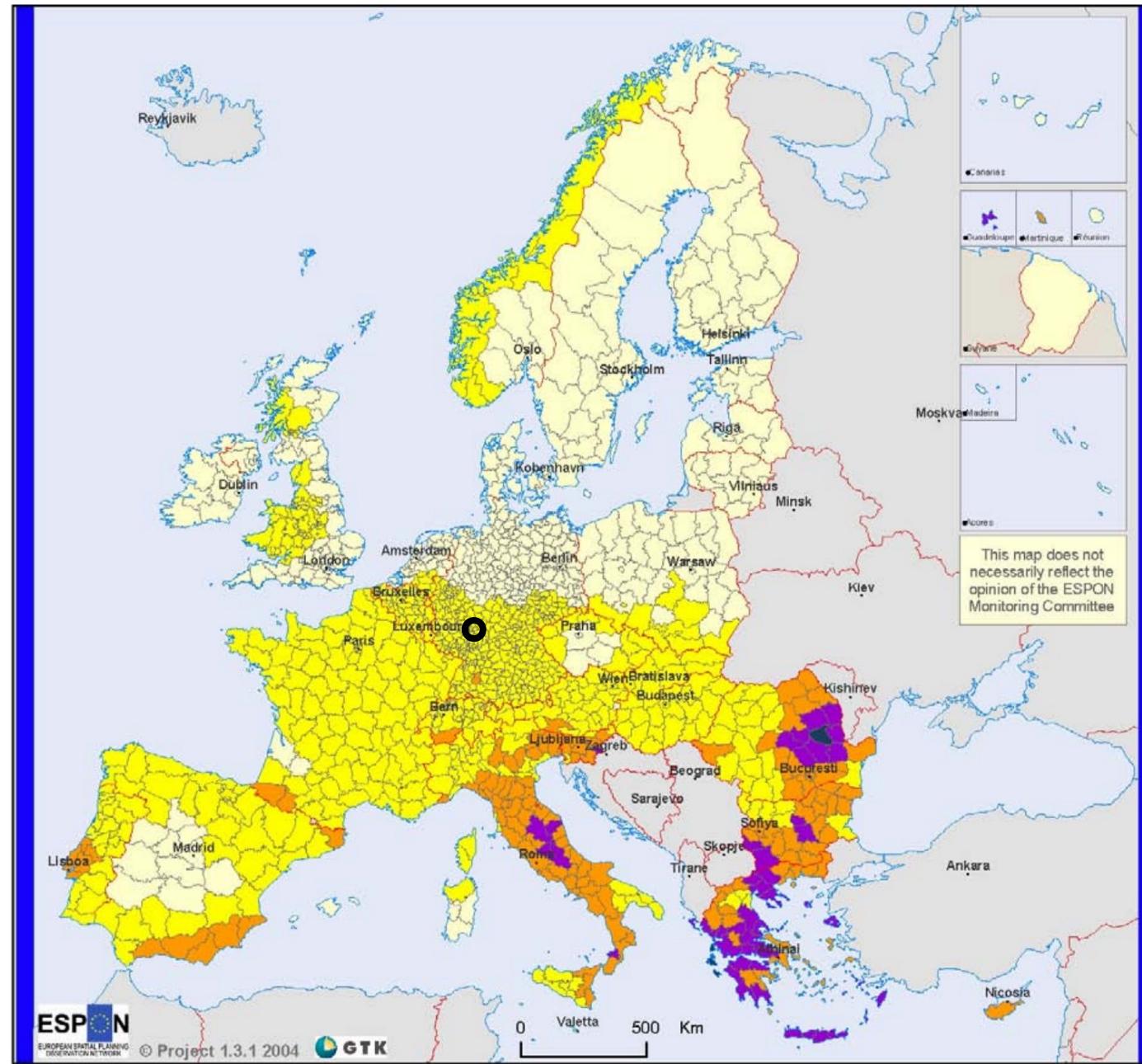
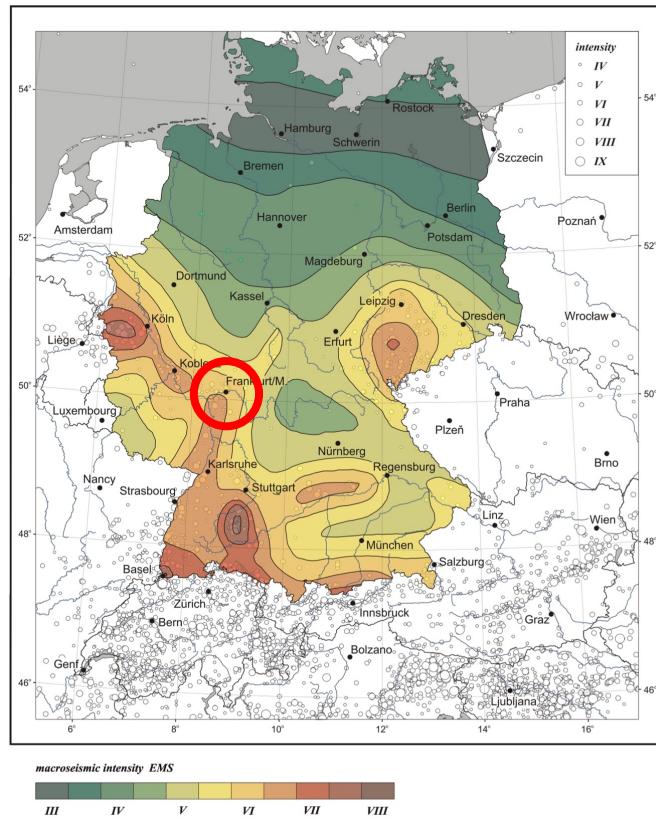
Flood recurrence





Earthquakes

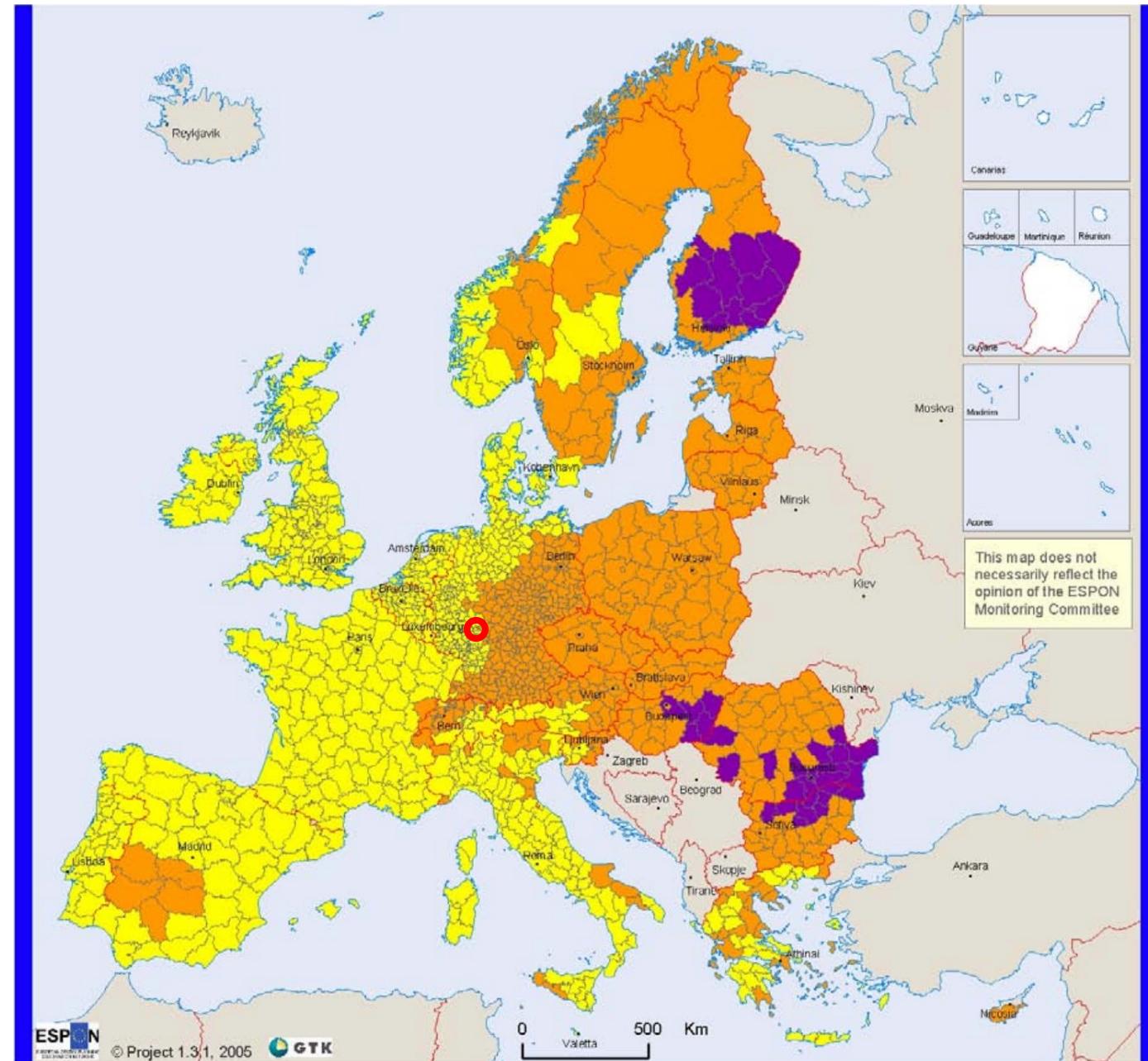
Earthquake hazard potential



Extreme temperatures

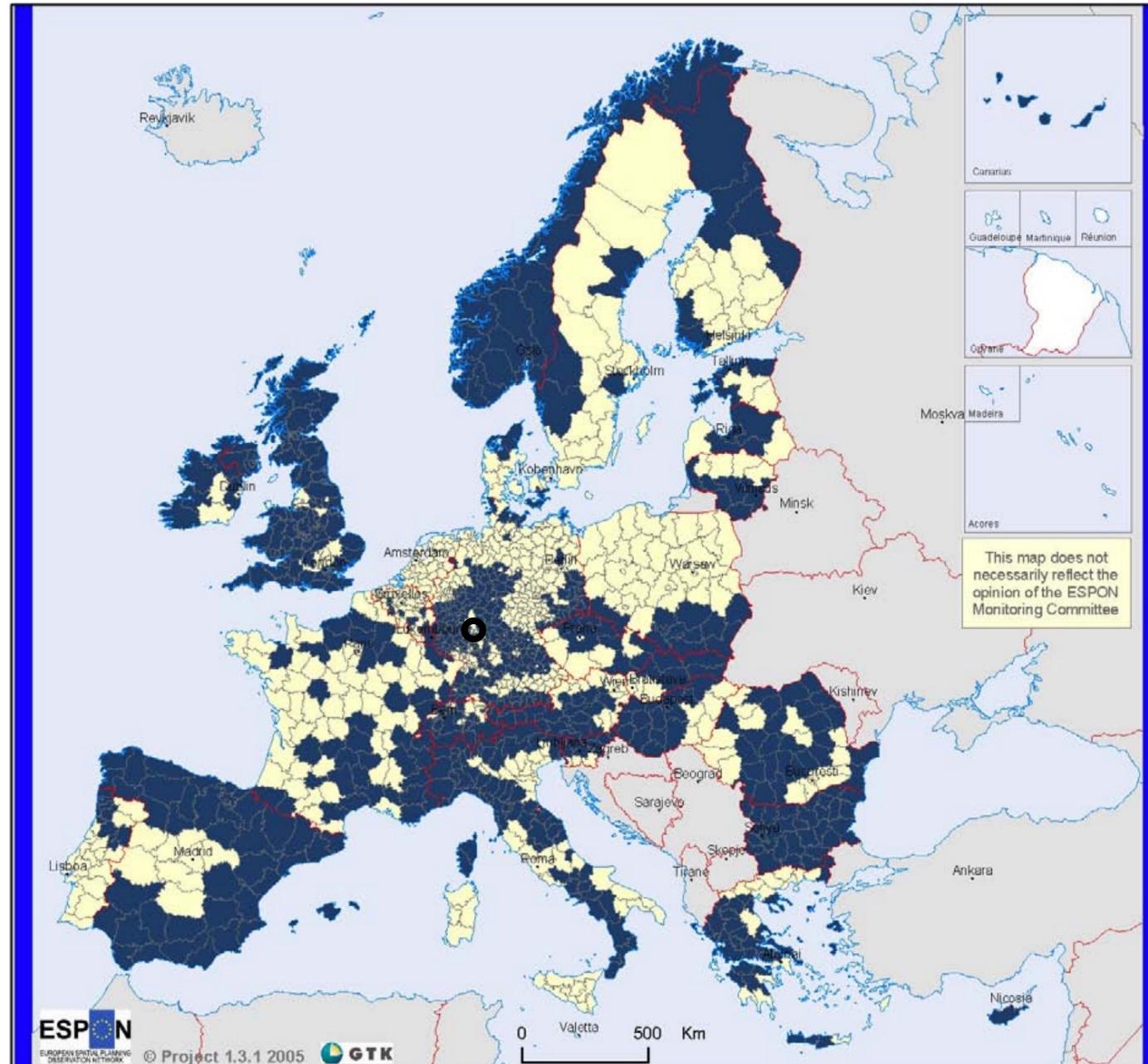
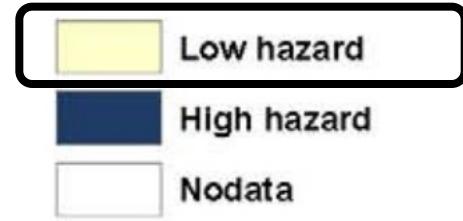
Extreme temperature hazard

- Low hazard
- Moderate hazard
- High hazard



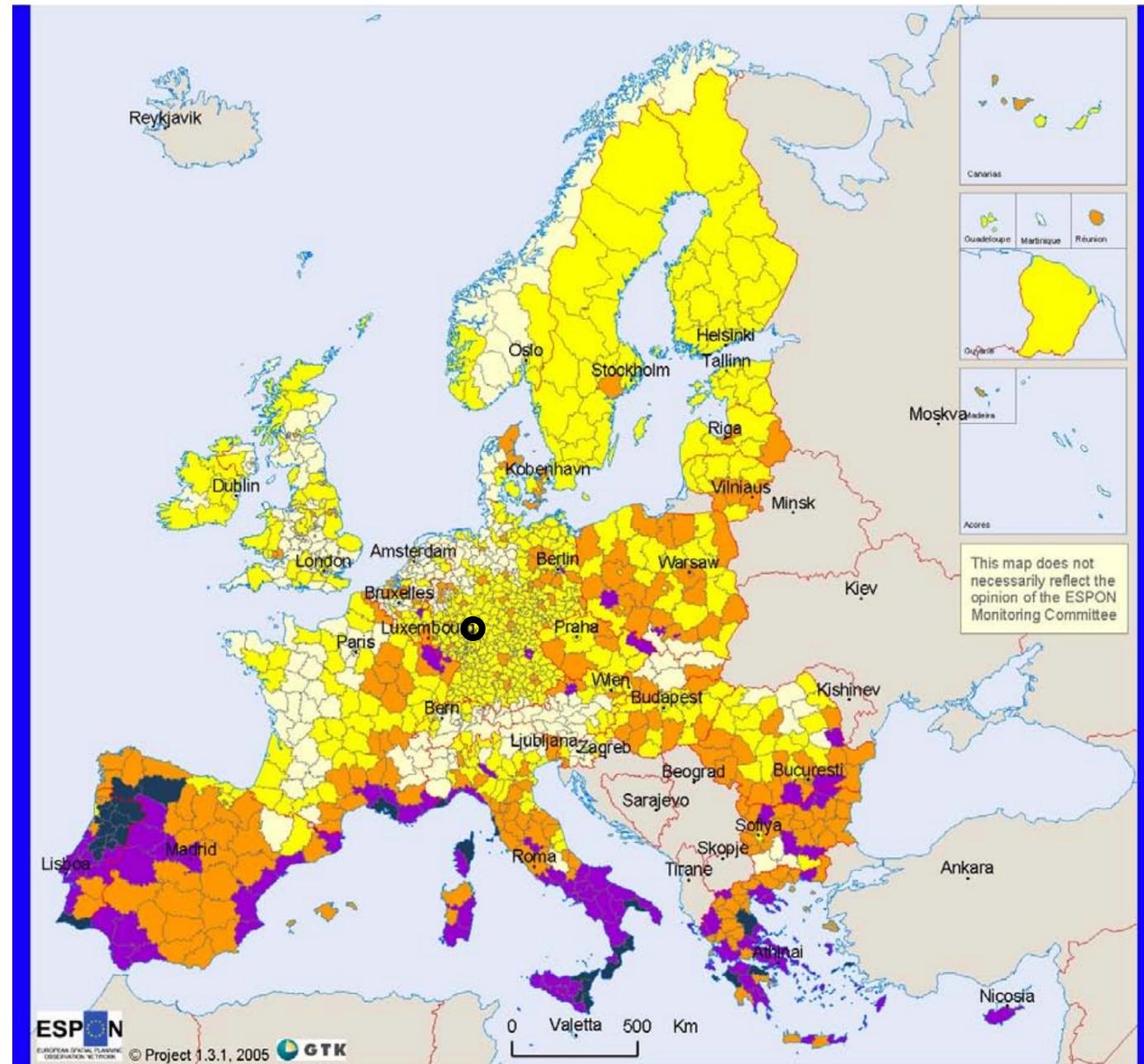
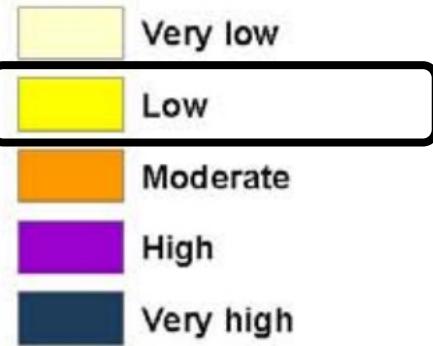
Landslides

Areas with landslide hazard



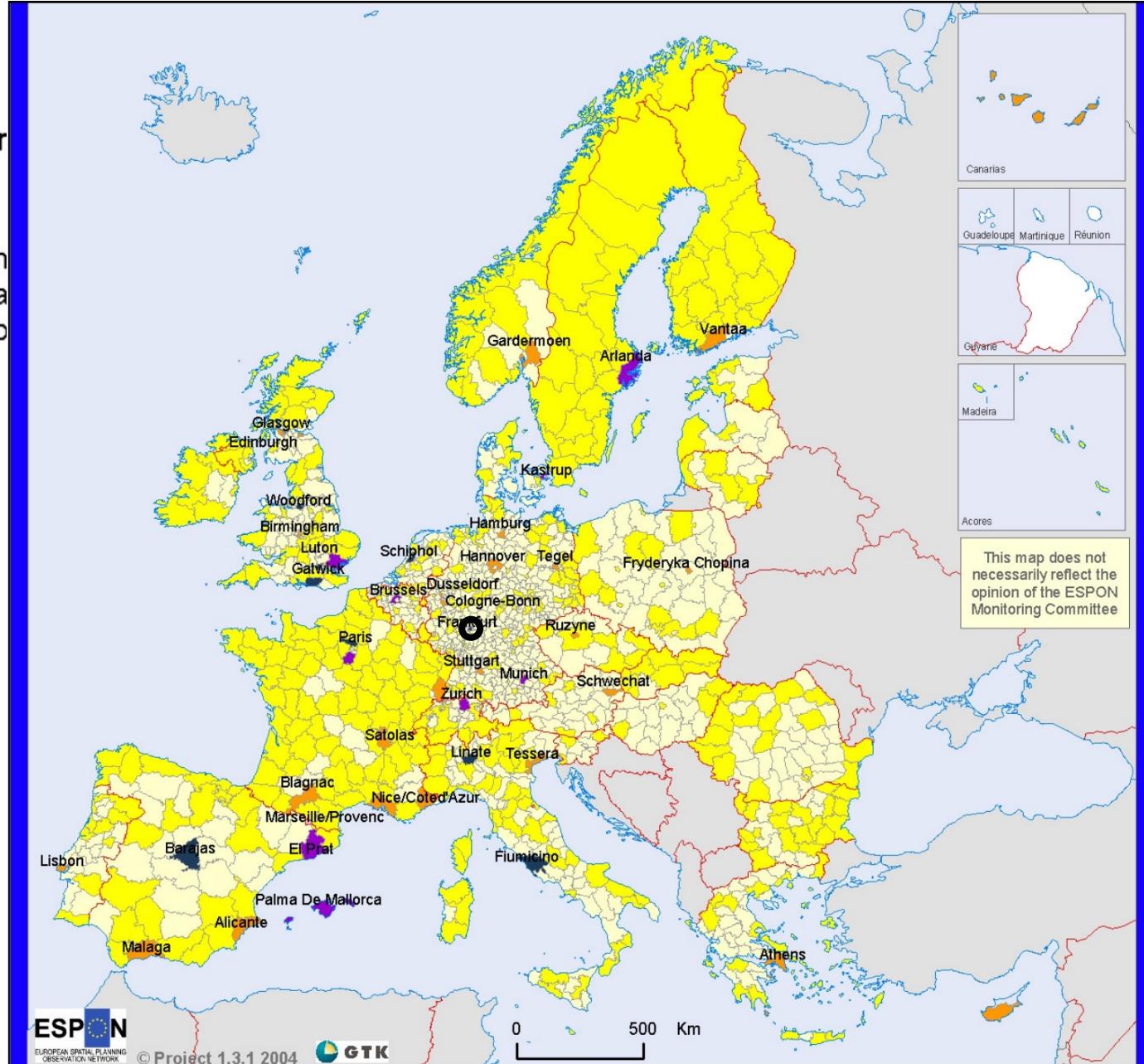
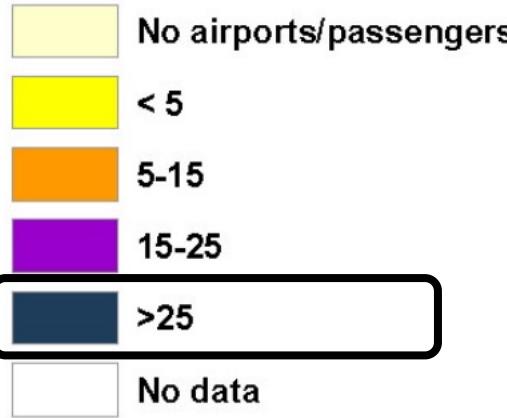
Forest fires

Forest fire hazard



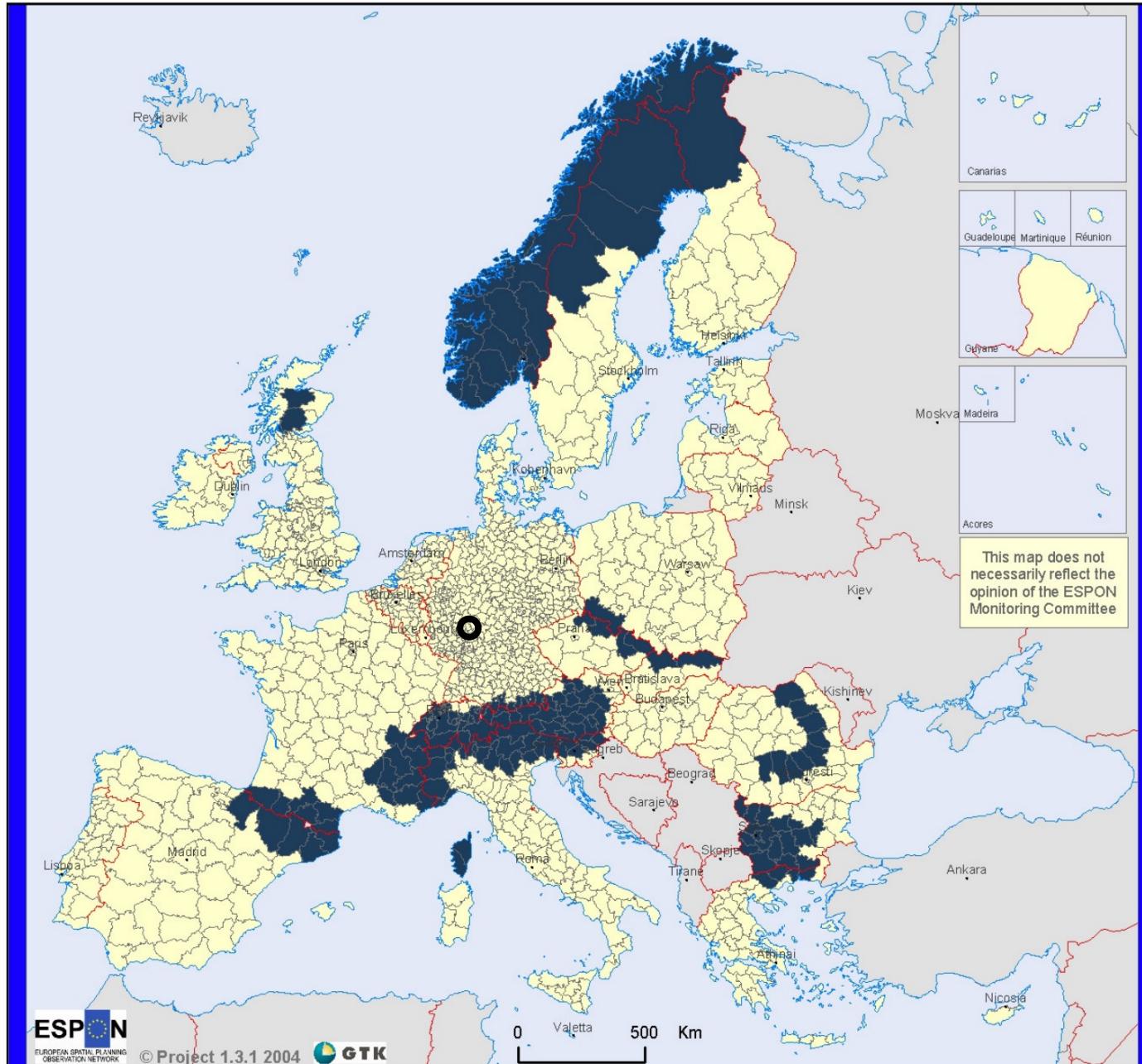
Air traffic

Airplane accident hazard based on million passenger per year in the commercial airports



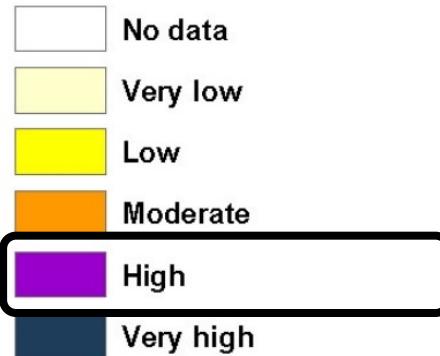
Avalanches

Avalanche hazard

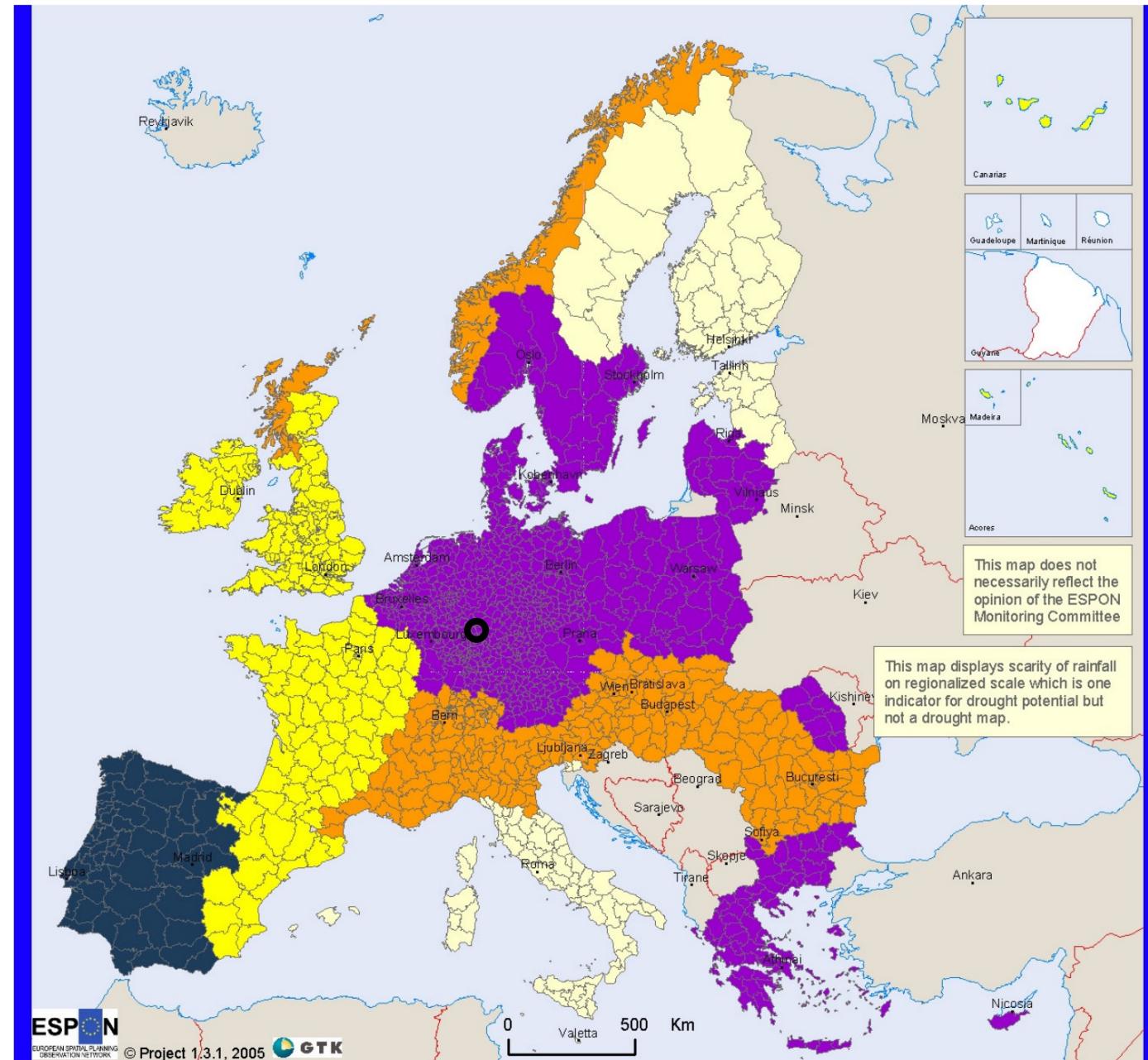


Precipitation deficit as drought potential indication

Precipitation deficit as potential drought indication



The precipitat
based on the
Derived from



Storm surges

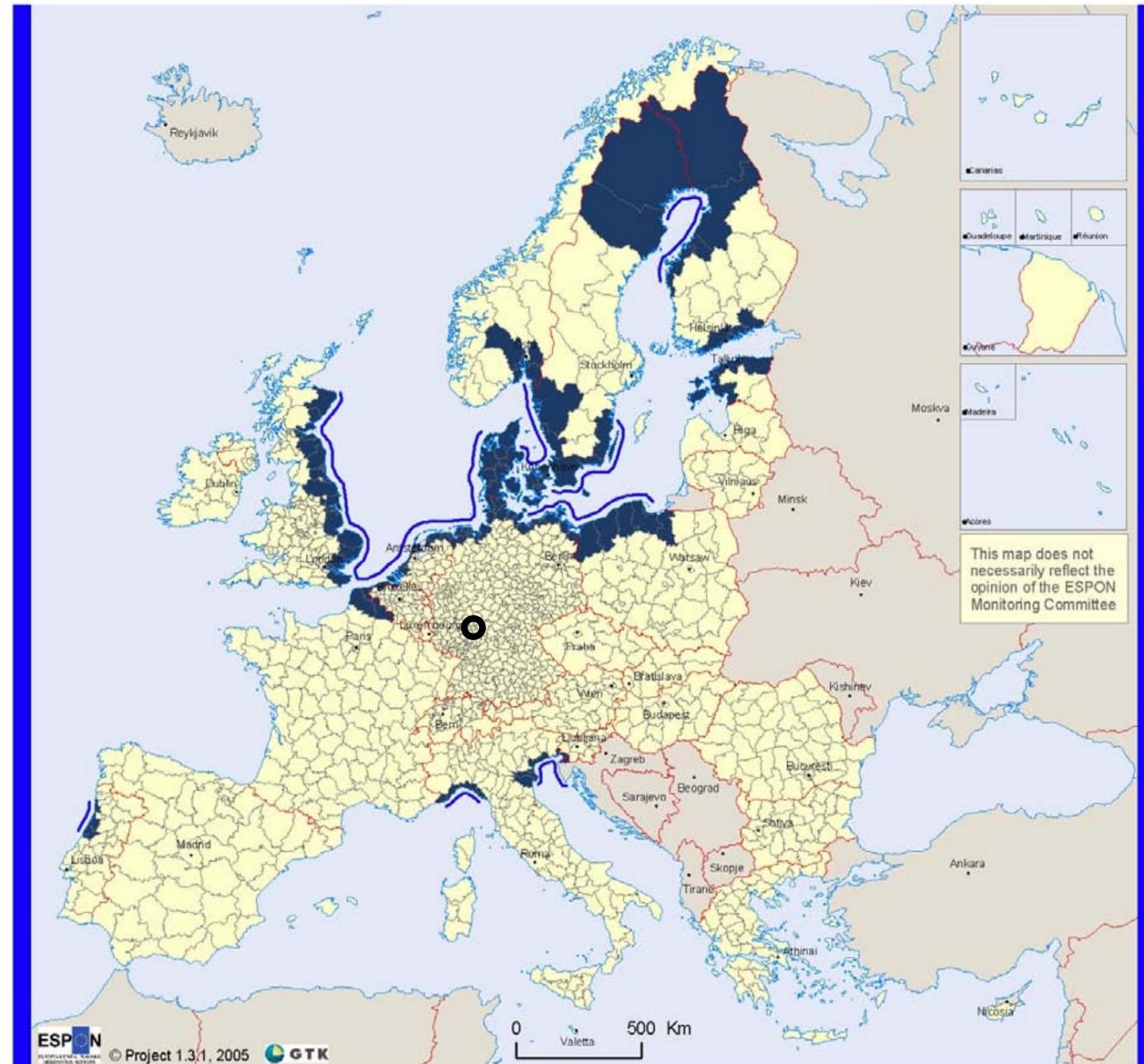
Storm surge hazard

— Storm surge

Occurrence of storm surges NUTS 3

ESPON space

Storm surge hazard

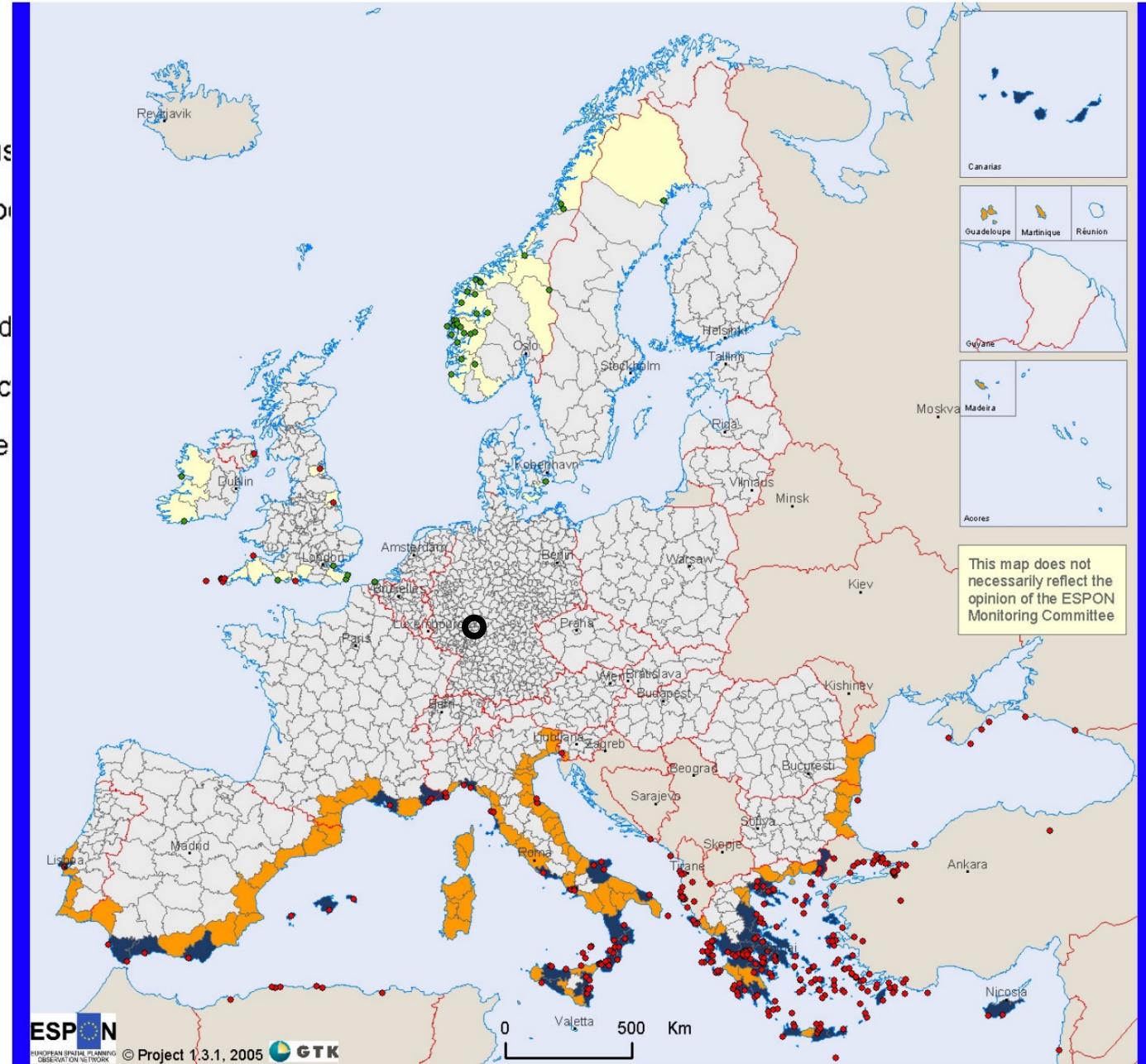


Tsunamis

Historically recorded tsunami runups

- Terrestrial landslide associated/ unknown cause
- Earthquake/volcano/submarine landslide account

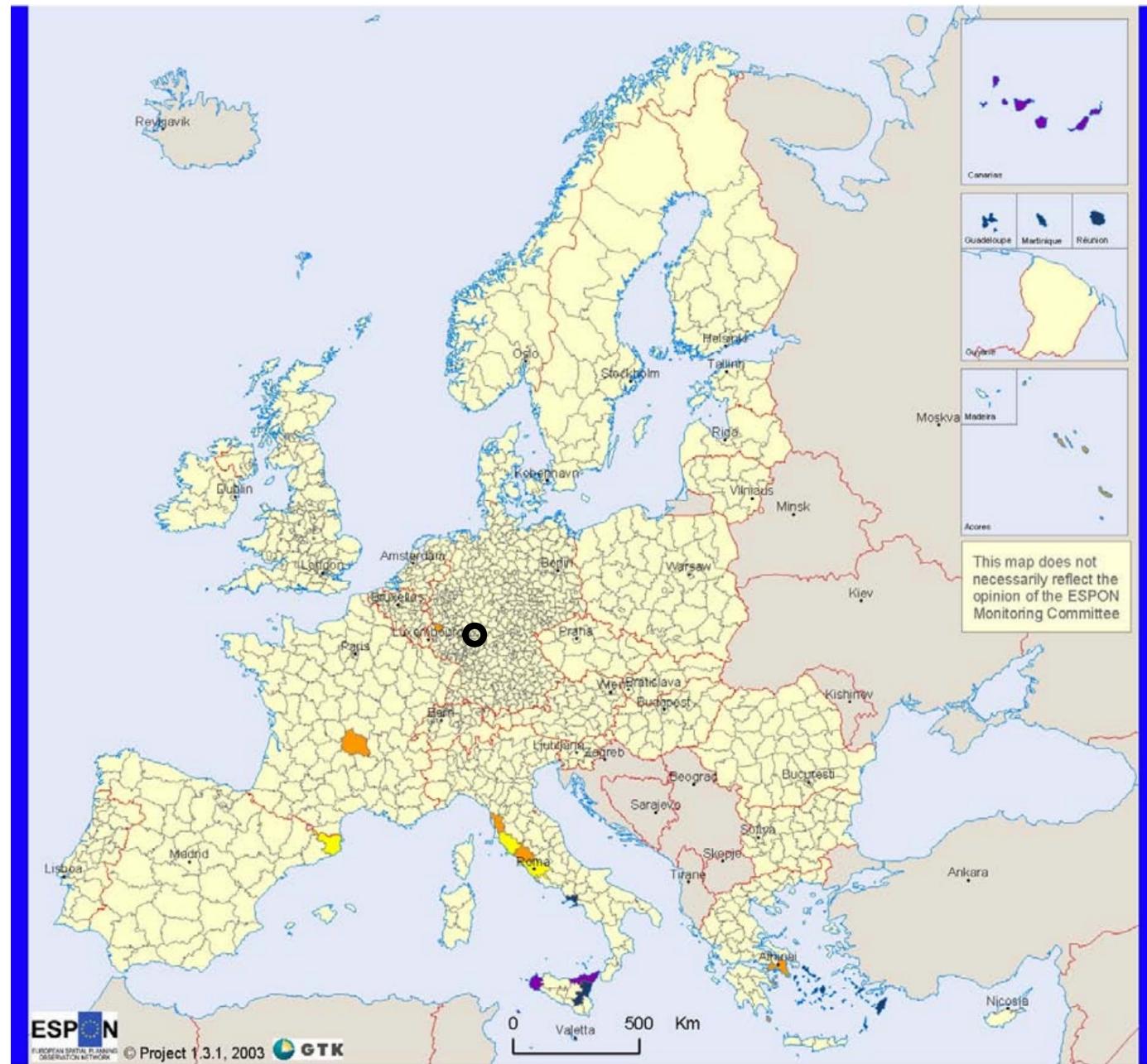
- Espon space
- Regions that experienced landslide associated
- Tsunami potential in coastal areas close to tec
- Regions that lie in vicinity to tectonically active



Volcanic eruptions

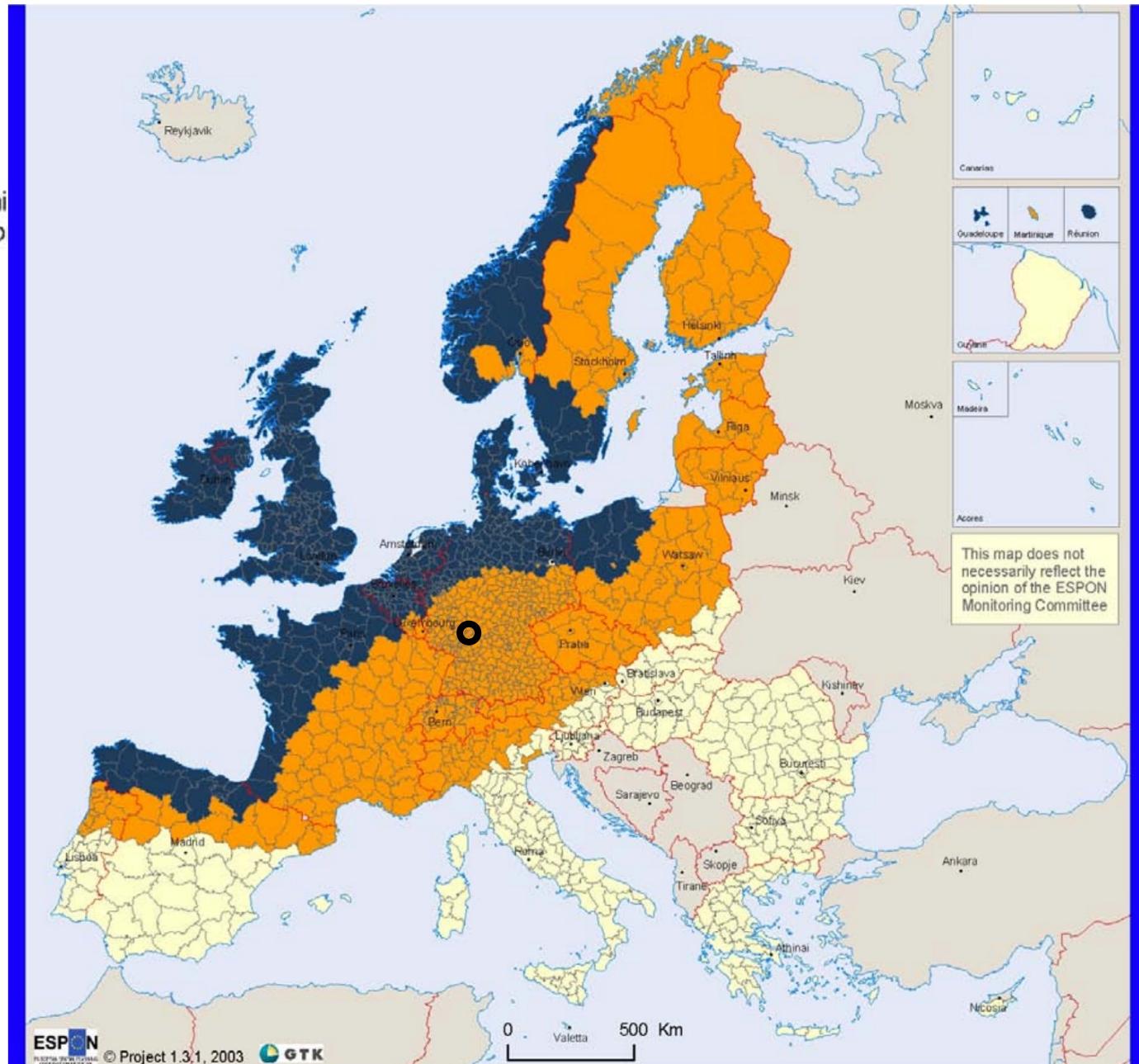
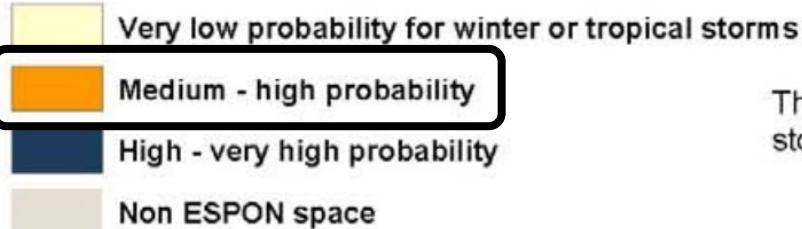
Known volcanic eruptions

- No eruptions
- The status of eruption is uncertain
- Last eruption before 1800 AD
- Last eruption after 1800 AD
- Particularly hazardous volcanoes
- Non ESPON space



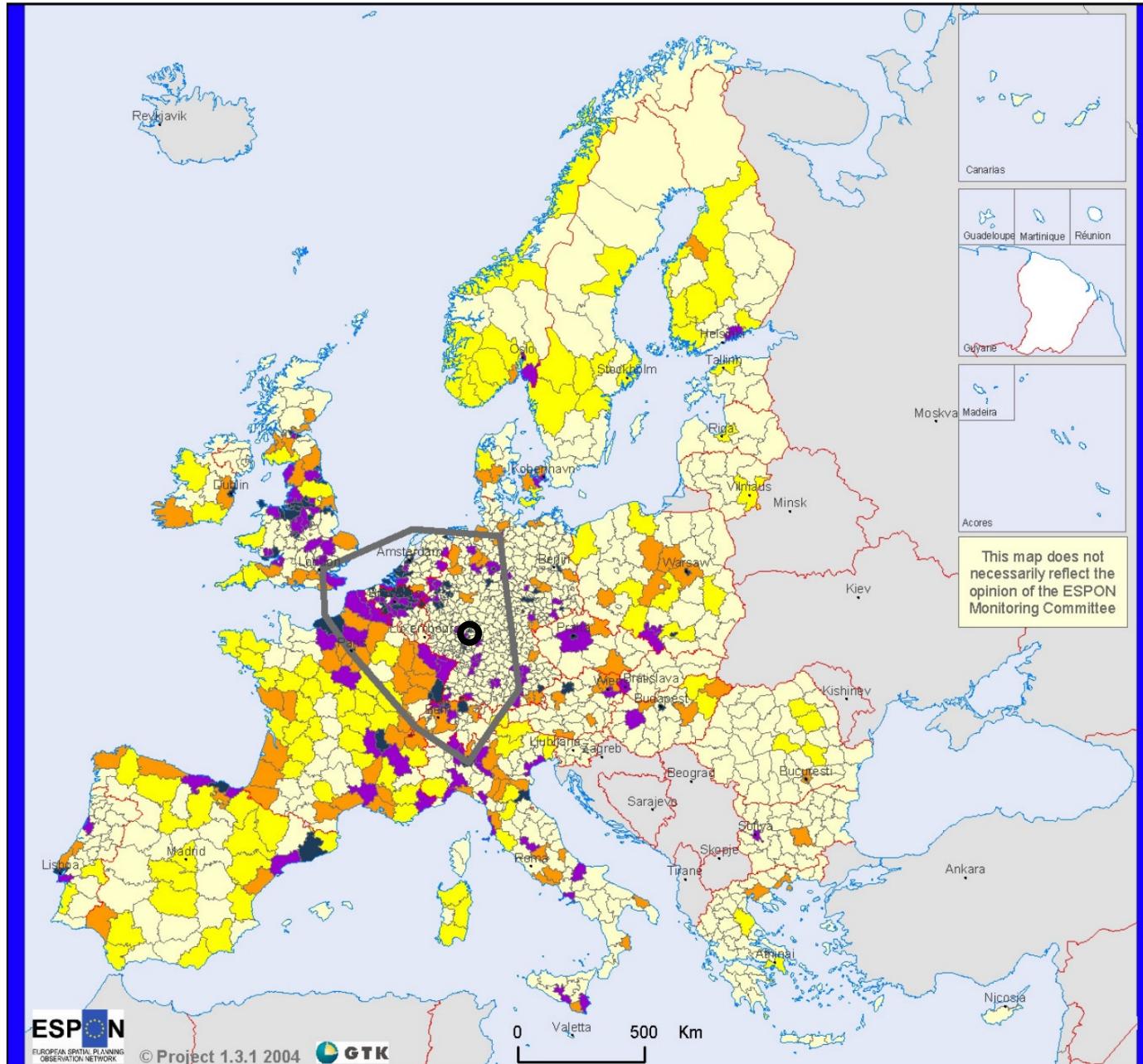
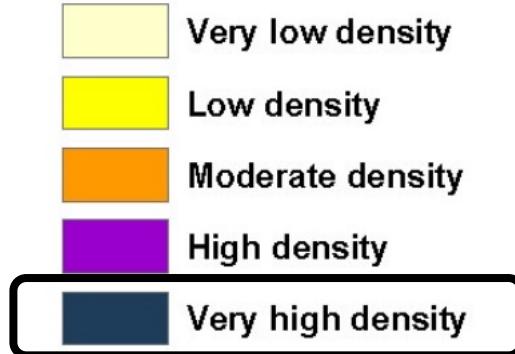
Winter storms

Storm hazard



Chemical plants (as an example for major accident hazards)

Major accident hazard based on density of chemical plants (NUTS3)



Nuclear power plants

The potential hazard of radioactive contamination on NUTS 3 level

○ Nuclear power plant

Area to be evacuated (radius 30km)

Area with a possible severe caesium 137 contamination (radius 300km)

Distance of a nuclear power plant

Areas outside 300 km radius

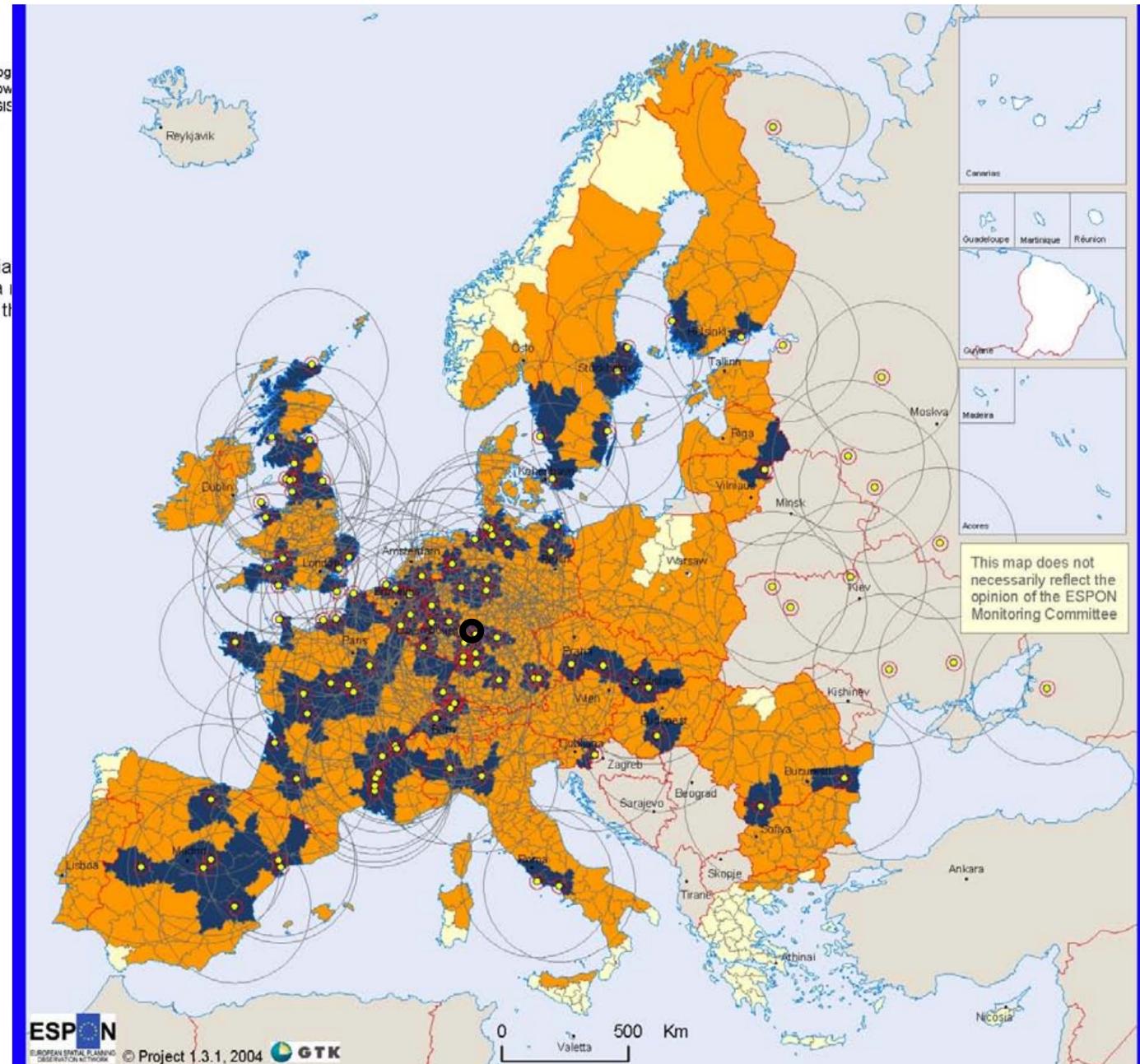
>30 km and <300 km (indirectly affected areas)

<30 km (directly affected areas)

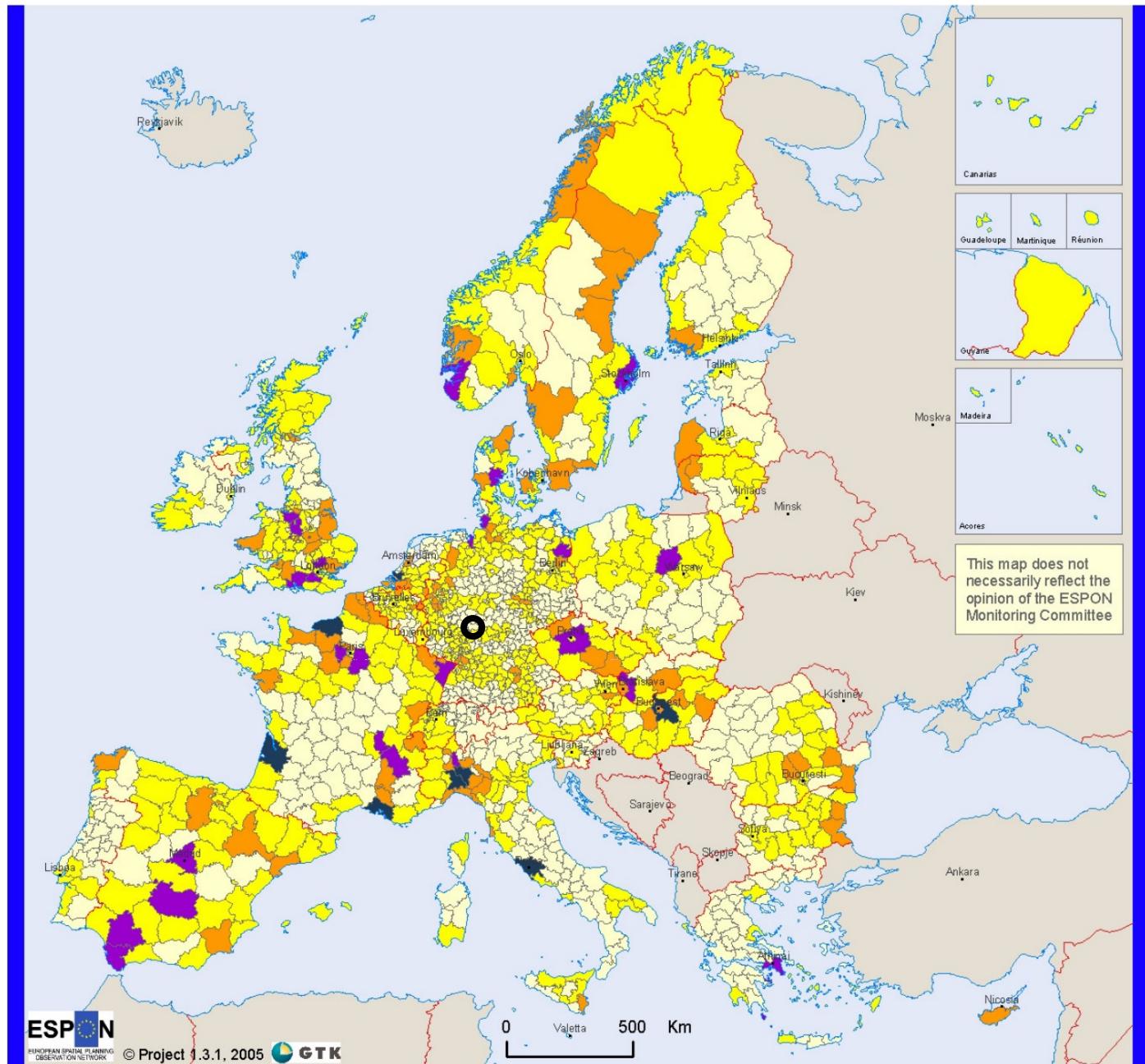
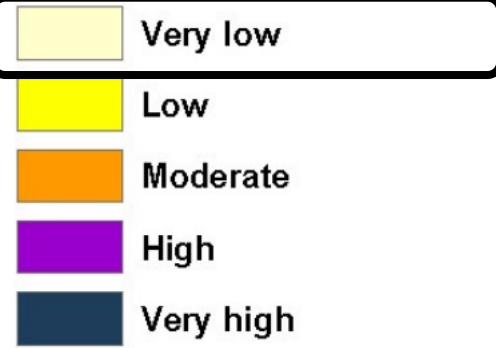
Origin of the data: © EuroGeog
Nuclear pow
Eurostat GIS

Source: ESPON Data Base

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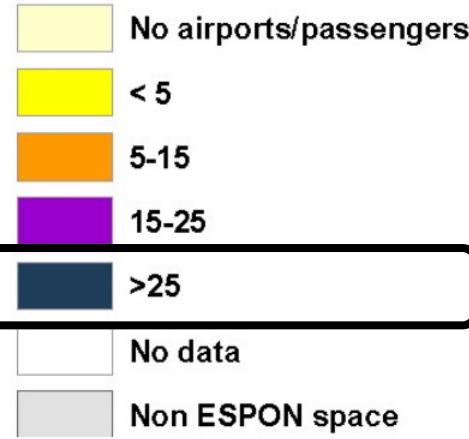


Oil as technological hazard

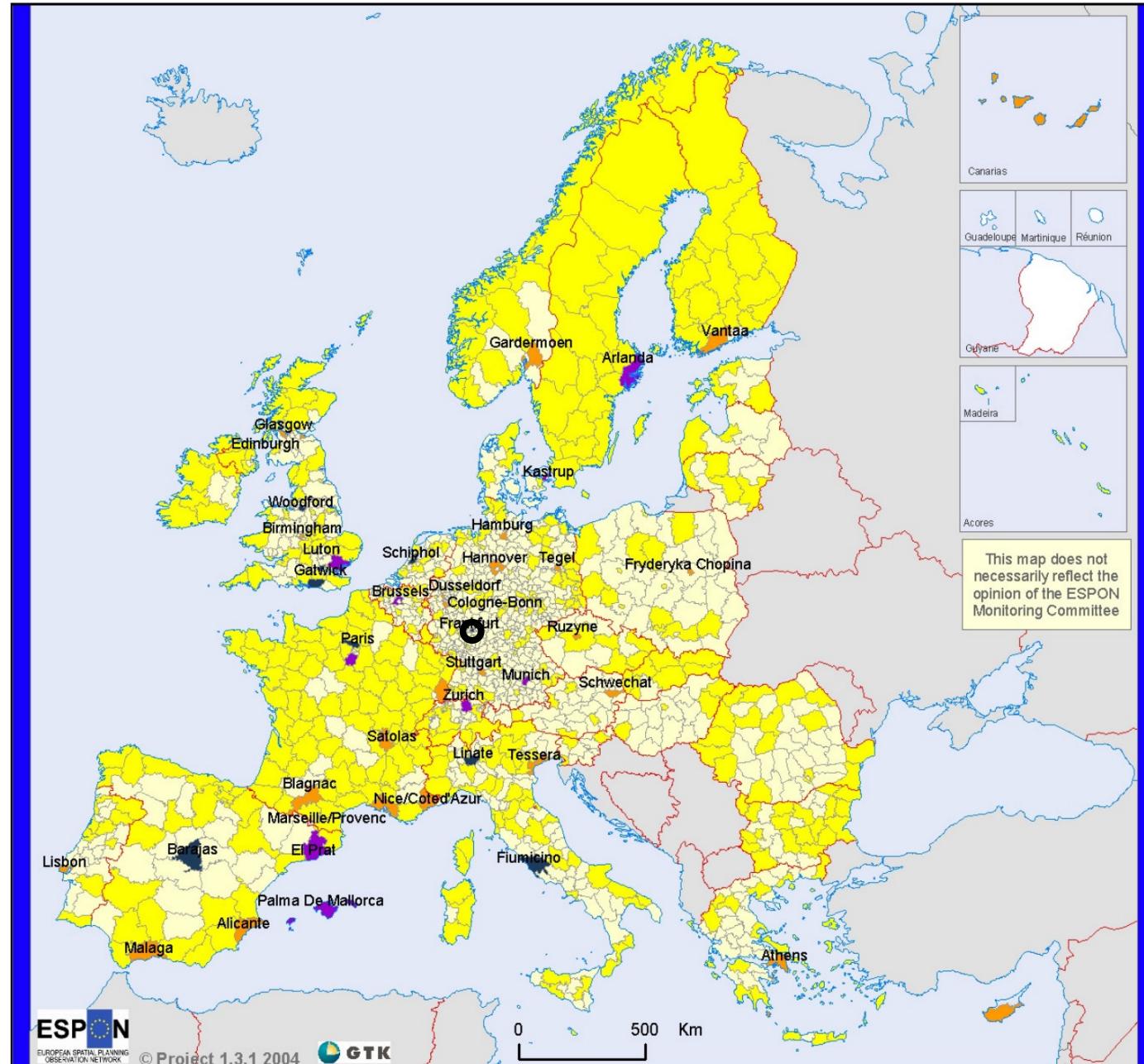


Air traffic

Airplane accident hazard based on million passenger per year in the commercial airports

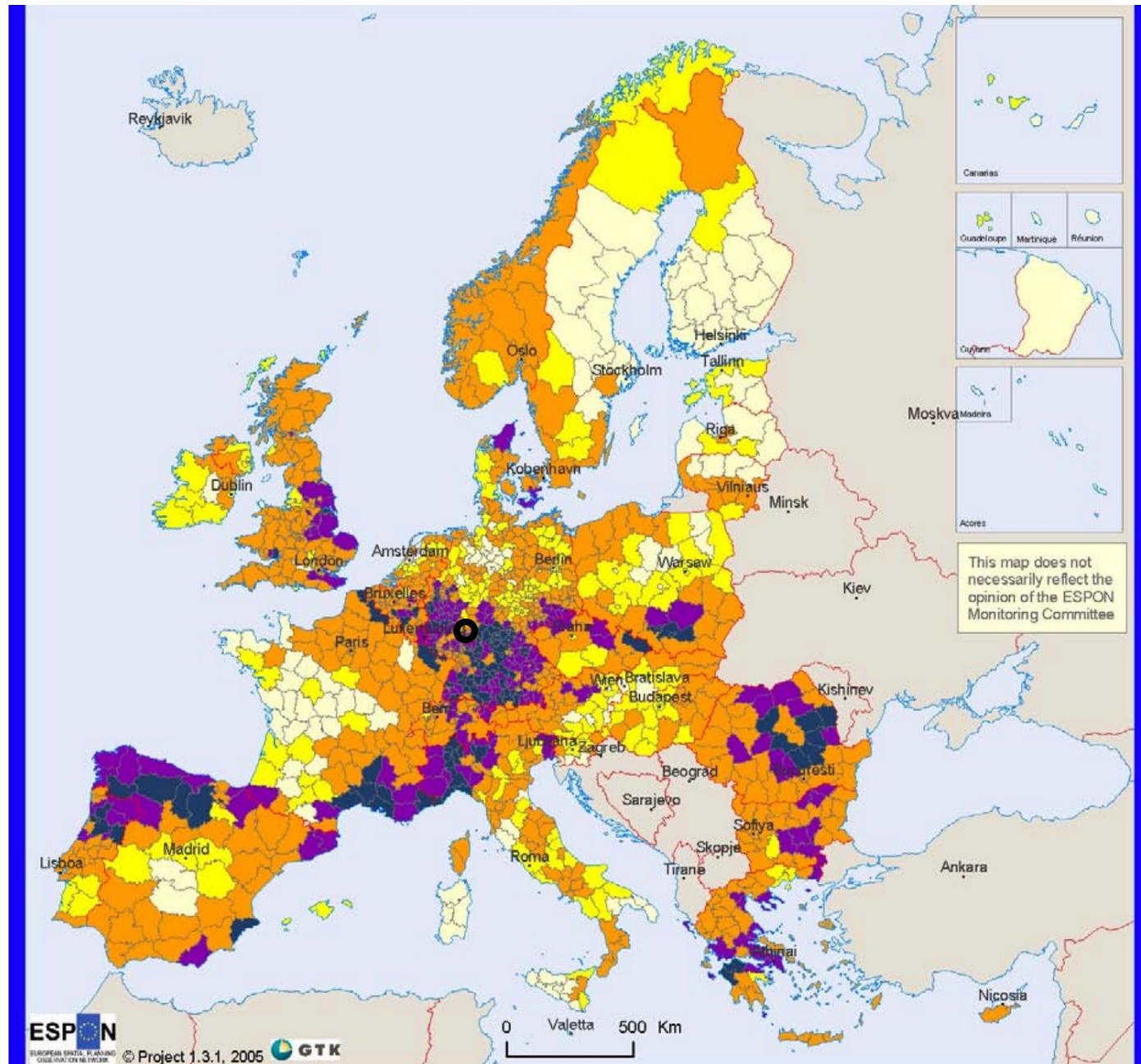
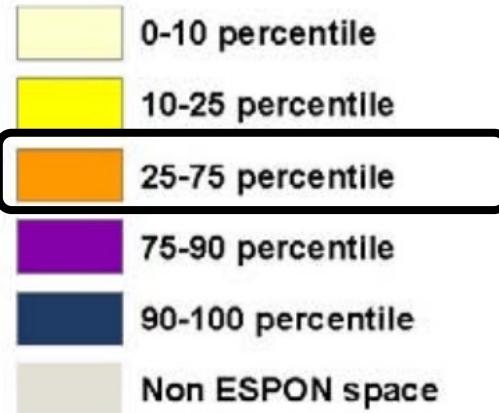


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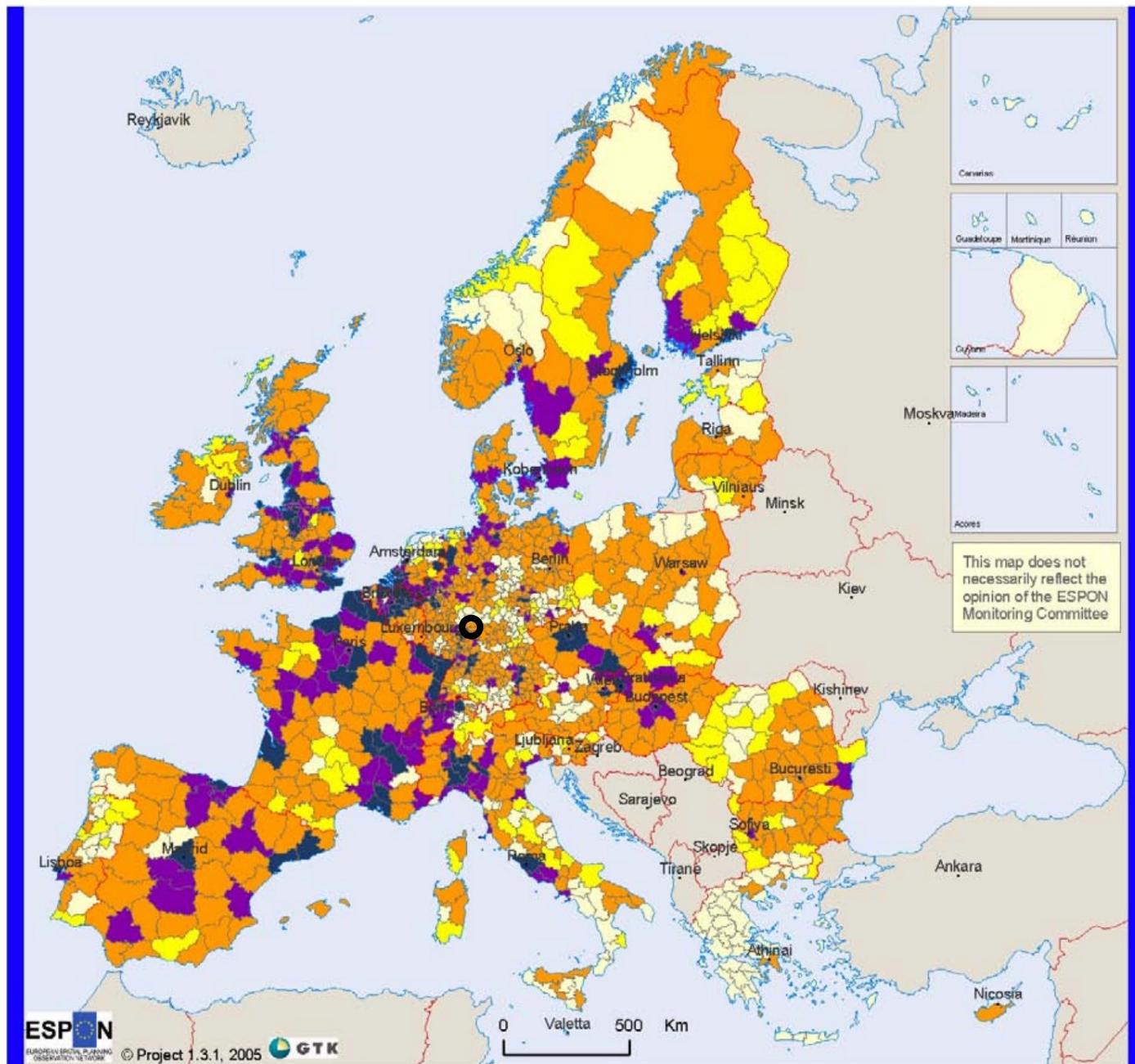
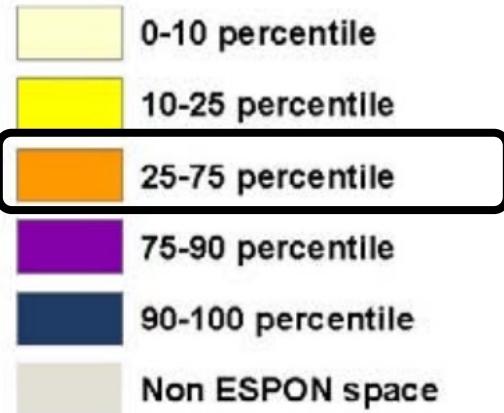
Aggregated natural hazard map

Hazard classification



Aggregated technological hazard map

Hazard classification



Aggregated hazard map

Hazard classification

