

ASSET LEVEL MODELLING TO IMPROVE CLIMATE RESILIENCE IN EUROPEAN REGIONS

3 CASE STUDIES

■ Salzburg Region

- Mountainous region with urban areas
- Low population density (0.5M people /7.156 km²)
- Main hazards: Heat waves, Floods, Droughts, Storm surges
- Critical assets: water and energy supply, energy production, tourism sector transportation, properties

■ Barcelona Region

- Metropolitan region
- Densely populated (3.3M people /636 km²)
- Main hazards: Heat waves, Storm surges, Sea level rise, Floods, Droughts, Forest fires
- Critical assets: water and energy supply, transportation, properties, waste management, urban natural areas

■ South Aegean Region

- Scattered archipelago
- Low population density (0.3M people /5.268 km²)
- Main hazards: Heatwaves Droughts, Wildfires, Winds and gusts, Floods, Storm surges, Coastal Erosion
- Critical assets: water and energy supply, energy production, tourism sector transportation, properties

