



Climate Change in Spain

Impact, Risks & National Response



Rising Temperatures & Heatwaves

Spain is one of Europe's hottest countries, experiencing more frequent and intense heatwaves.

- Summers are getting longer
- Record-high temperatures affect agriculture, health, and energy use



Water Scarcity & Drought

Severe droughts are becoming common across Spain, especially in Andalucía, Cataluña and Castilla-La Mancha.

- Decreasing rainfall
- Falling reservoir levels
- Pressure on drinking water, agriculture, and tourism

Sea Level Rise & Coastal Erosion

Spain's long Mediterranean and Atlantic coastlines are highly vulnerable.

- Accelerated erosion
- Increased flooding risks
- Threat to coastal cities, beaches, & tourism economy



Biodiversity Loss

Changing temperatures and rainfall patterns affect Spain's rich ecosystems.

- Forest degradation
- Threats to species like the Iberian lynx
- Marine biodiversity affected by warming seas

Agriculture Under Pressure

Spain's key crops olives, grapes, citrus, and wheat are impacted.

- Lower crop yields
- Soil degradation
- Increased irrigation needs



Wildfires

Climate change has intensified wildfire seasons.

- Larger and more destructive fires
- Threats to homes, forests, and rural communities

Spain's Climate Action

Spain is investing in green policies and renewable energy.

- EU Green Deal alignment
- Expansion of solar and wind energy
- Water-saving strategies
- Reforestation & coastal protection programs



What We Can Do

Small actions create big change.

- Save water
- Support sustainable transport
- Raise awareness in schools and communities
- Reduce energy use
- Protect natural areas

