



# CLIMATE CHANGE ADAPTATION AND ACTION PLAN FOR TÜRKİYE'S MEDITERRANEAN REGION

## Why This Plan Matters!

**The Mediterranean Region of Türkiye is experiencing climate change faster than the global average. Rising temperatures, decreasing rainfall, more intense droughts, wildfires, sea level rise, and extreme weather are already impacting the region's environment, economy, and public health. This plan aims to protect communities, sustain natural resources, and build a climate-resilient future.**

Key Climate Risks

Key Adaptation and  
Mitigation Actions

How You Can Contribute





# Key Climate Risks

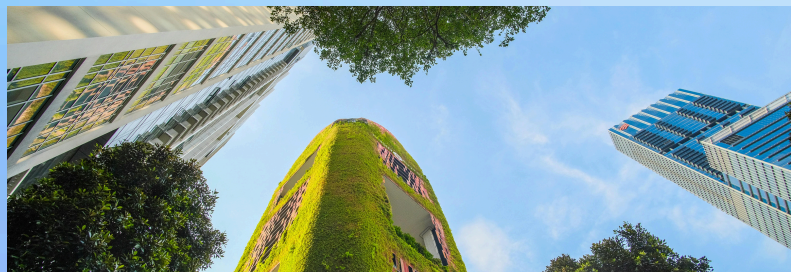
- Prolonged droughts and water scarcity
- Extreme heatwaves and urban heat islands
- Intense rainfall and flash floods
- Sea level rise and coastal erosion
- Biodiversity loss and wildfires
- Vector-borne diseases (e.g., West Nile, Dengue)





# Most Vulnerable Sectors

- Agriculture & Food Security
- Water Resources
- Forests & Biodiversity
- Fisheries & Marine Ecosystems
- Public Health
- Urban Infrastructure
- Tourism
- Energy





# Key Adaptation and Mitigation Actions

## Short-Term (Next 5 Years)

- Promote drought-tolerant crops and efficient irrigation
- Expand urban greenery and cool roof initiatives
- Improve drainage and stormwater systems in cities
- Launch early warning systems for heat and floods
- Upgrade fire-fighting equipment and forest watch programs
- Rehabilitate degraded ecosystems and watersheds



## Long-Term (Up to 2050)

- Climate-resilient urban planning and zoning
- Diversify tourism seasons and inland destinations
- Develop water recycling and desalination systems
- Expand renewable energy infrastructure (solar, wind)
- Establish ecological corridors and marine protected areas
- Modernize health systems for climate-sensitive risks

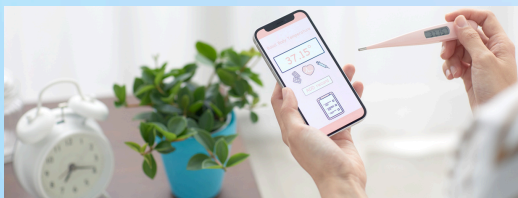






## Methodologies for Implementation

- Basin-level water resource planning
- Community-based adaptation initiatives
- Climate-informed urban design and infrastructure audits
- Public-private partnerships for green investment
- Use of GIS, climate models, and real-time monitoring tools
- Policy reforms for sustainable land and water use



## Institutions to Be Involved

- National Ministries: Environment, Agriculture, Health, Energy, Tourism
- Local Governments: Municipalities and provincial administrations
- DSI & Meteorological Service: Water & early warning systems
- Universities and Research Centers: R&D and monitoring
- NGOs & Community Groups: Public engagement and local action
- Private Sector: Clean energy, sustainable tourism, tech innovation







# How You Can Contribute

Save water and energy in daily life

Plant trees and support reforestation efforts

Learn about local climate risks and stay informed

Advocate for climate-smart policies and actions

Support local eco-tourism and green businesses







Funded by  
the European Union



**Adapting to climate change is no longer a choice – it is a necessity. By acting today, we safeguard tomorrow. Let's work together to protect Türkiye's Mediterranean Region.**

*Resilient Mediterranean, Sustainable Future*

This brochure has been prepared within the framework of the project 'EU for the Energy Transition: A Compact of Mayors in the Western Balkans and Türkiye', co-financed by the European Union and the German Federal Ministry for Economic Cooperation and Development and implemented in Türkiye by the Lithuanian Central Project Management Agency (CPVA): Covenant of Mayors in the Western Balkans and Türkiye' project, co-financed by the European Union and the German Federal Ministry for Economic Cooperation and Development.