



# EASTERN ANATOLIA CLIMATE ADAPTATION

Eastern Anatolia is facing significant climate-related challenges including rising temperatures, droughts, irregular precipitation, and increased flood risks. The region requires a proactive, integrated response to adapt to these changes and build resilience across all sectors.

### Key Climate Risks

Adaptation Priorities & Actions

Co-benefits of Adaptation

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 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.

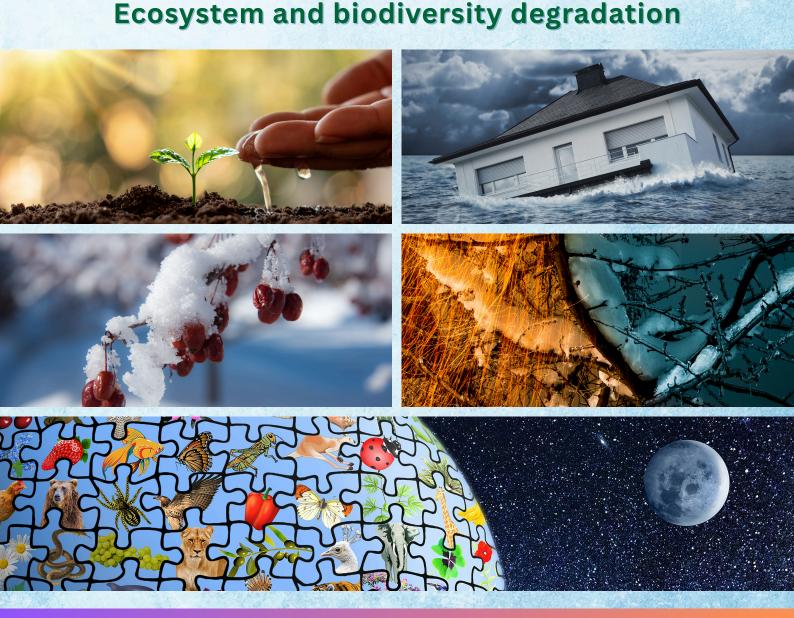


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# **Key Climate Risks**

Droughts and water scarcity Floods and flash rainfall events Reduced snowpack and earlier melt Extreme cold and heat events



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## **Adaptation Priorities & Actions**

#### Water Resources and Drought Management

Adaptation actions include integrated basin management, improved irrigation efficiency, drought early warning systems, and watershed restoration.



#### Sustainable Energy and Infrastructure

Diversify energy sources with solar and wind, retrofit buildings for energy efficiency, and climate-proof critical infrastructure like roads and power lines.



Key strategies involve promoting droughtresistant crops, improving irrigation systems, providing seasonal advisories, and managing rangelands sustainably.



#### **Public Health and Community Well-being**

Prepare heat-health action plans, ensure resilient healthcare infrastructure, monitor emerging diseases, and promote nutrition during climate stress.



#### **Urban Infrastructure and Housing**

Implement flood-proof urban planning, upgrade drainage systems, enforce resilient building codes, and improve public transportation resilience.



#### **Ecosystems and Biodiversity**

Expand protected areas, promote reforestation and wetland restoration, and engage communities in nature conservation





#### Institutional Framework

Coordination among central ministries, regional bodies like DAP, local governments, and communities is essential for successful implementation.



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# **Adaptation Priorities & Actions**

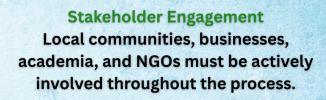
Multi-level Governance Approach Integration of top-down policy and bottom-up implementation ensures inclusive and effective adaptation.



Monitoring and Evaluation Use indicators to track adaptation progress and adjust strategies dynamically.



Climate Finance and Investment Mobilize funding from national, international, and private sources for climate adaptation projects.





Capacity Building Train local officials, engineers, farmers, and health workers in adaptation practices.



Co-benefits of Adaptation Enhances economic resilience, public health, environmental protection, and social cohesion.





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With proactive planning and broad cooperation, Eastern Anatolia can lead in climate resilience, safeguarding its communities and ecosystems for generations to come.

### Together for a Resilient Eastern Region

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