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NEWSLETTER

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Together for Climate

EU Partnership for Local
Climate Action in Türkiye



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**AWARENESS RAISING CONFERENCE ON
CLIMATE PROJECTIONS WAS HELD IN ANKARA**

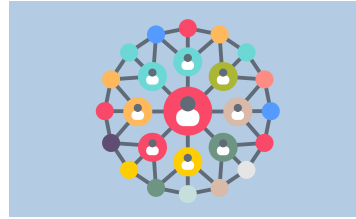
**WHAT ARE THE OBJECTIVES OF CLIMATE
PROJECTION STUDIES?**

**CAPACITY BUILDING ACTIVITIES WITHIN THE
SCOPE OF THE PROJECT**

STUDIES IN PROGRESS

**THE FIRST TECHNICAL ADVISORY
COMMITTEE MEETING OF THE PROJECT WAS
HELD**

**HIGHLIGHTS OF THE TECHNICAL ADVISORY
COMMITTEE MEETING**



**534
STAKEHOLDERS**



**2
WORKSHOPS**



**1
CONFERENCE**



**6
CITIES**



**UNITED NATIONS
DEVELOPMENT PROGRAMME**

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AWARENESS RAISING CONFERENCE ON CLIMATE PROJECTIONS WAS HELD IN ANKARA

On 22 May 2024, an Awareness Raising Conference on Climate Projections was organized in Ankara with the participation of 161 representatives from various sectors. The conference started with opening speeches by UNDP Resident Representative in Türkiye Louisa VINTON, Head of the Green Development and Inclusive Growth Section of the EU Delegation to Türkiye Virve VIMPARI, President of the Scientific and Technological Research Council of Türkiye (TÜBİTAK) Prof. Dr. Hasan MANDAL and the Director of Climate Change Prof. Dr. Halil HASAR.



Following the opening speeches, a cooperation protocol was signed between TÜBİTAK and the Directorate of Climate Change, aiming to develop high-resolution climate projections for Türkiye up to 3 km scale.

For more information





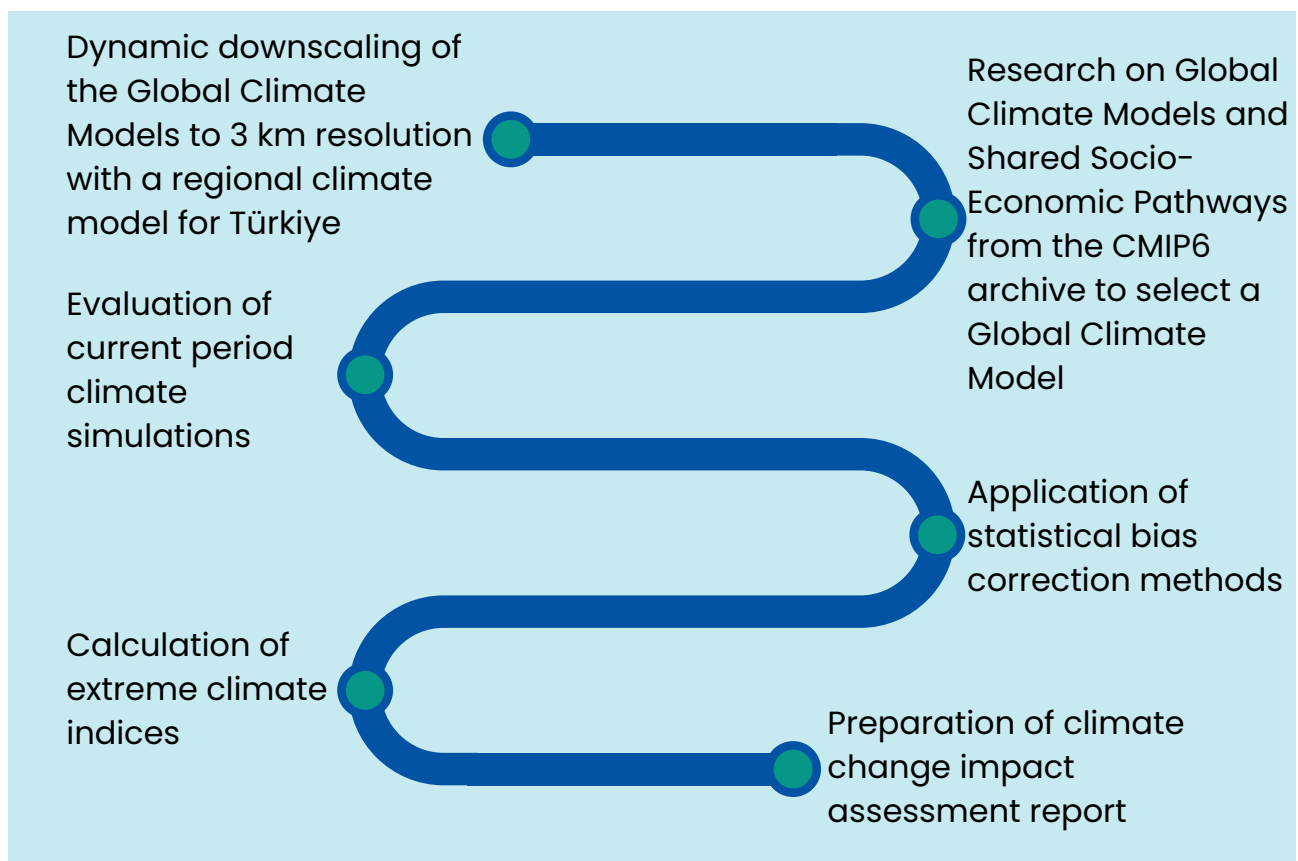
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WHAT ARE THE OBJECTIVES OF CLIMATE PROJECTION STUDIES?

Under the EU Partnership for Local Climate Action in Türkiye Project, vulnerability and risk assessment studies will be conducted at the local, regional and national levels based on updated and improved climate projections.

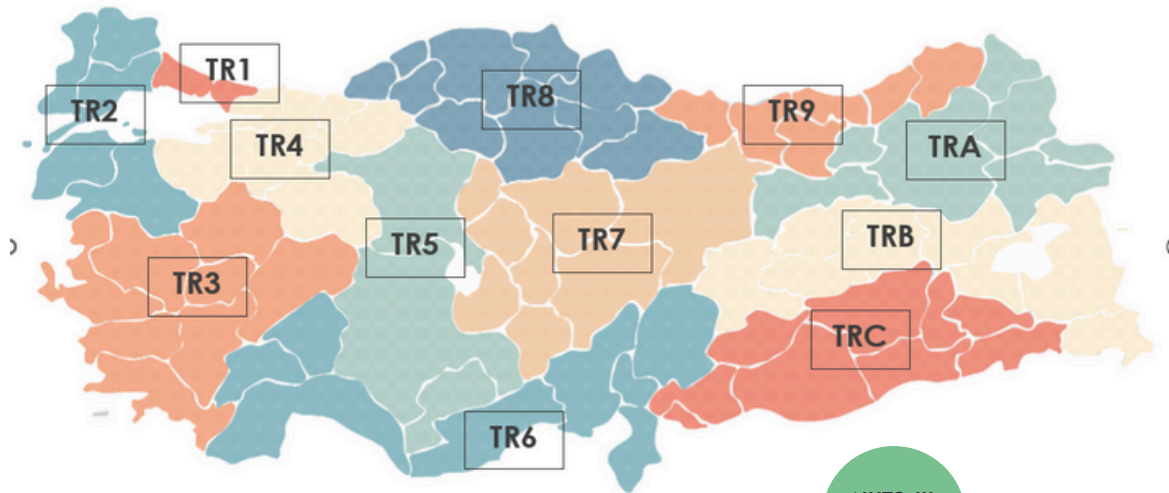
Under the “Enhancing Adaptation Action in Türkiye Project” funded by the EU and the Republic of Türkiye, implemented by UNDP Türkiye and the Directorate of Climate Change as the beneficiary, a comprehensive sectoral vulnerability and risk assessment was conducted across Türkiye. This previous analysis was based on the IPCC's 5th Assessment Report and 10 km resolution climate projections completed by the General Directorate of Water Management in 2016.

In the EU Partnership for Local Climate Action in Türkiye Project, higher resolution climate projections will be used to obtain more accurate results. In addition, the methodology will be updated in line with the 6th Assessment Report of the IPCC, and it is aimed to develop analyses with the most up-to-date data for exposure and vulnerability, which are components of risk.

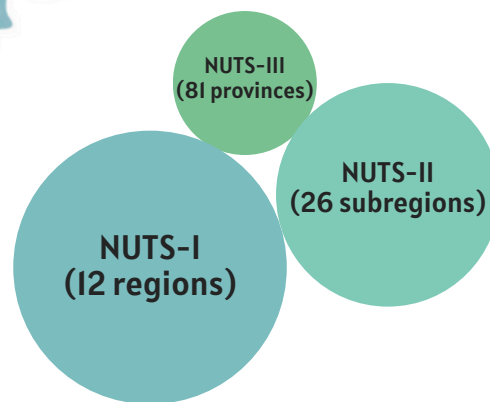




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The vulnerability and risk assessment will be conducted in all 12 NUTS-I regions, which are determined according to the EU regional classification methodology. The NUTS is a three-level methodology used in the EU to produce regional statistics according to a single spatial classification and has been used in Türkiye since 2002.



CAPACITY BUILDING ACTIVITIES WITHIN THE SCOPE OF THE PROJECT



- » The technical capacities of stakeholders will be enhanced through **training**.
- » **Workshops** will assess the existing capacities and needs of municipalities and other local stakeholders, and many new stakeholders will be included in the planning.
- » Through **conferences**, international developments in climate change at the local level will be evaluated, and new collaborations among relevant stakeholders will be developed.
- » High-level **events** on Climate Change and Türkiye-EU Cooperation for Local Climate Action and knowledge-sharing days for good practices will be organized.
- » Within the scope of the project, 31 **pilot provinces** will be identified. Capacity building will be disseminated by including neighboring provinces as much as possible in the activities to be carried out in the pilot provinces.
- » Approximately 12,500 **stakeholders** will be reached during the project through all these activities.



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STUDIES IN PROGRESS

The first steps were taken for the climate change projection and Local Climate Change Action Plan (LCCAP) studies to be carried out within the scope of the project. Initial meetings were held with Climate Modeling experts Prof. Dr. Tuğrul YILMAZ, Prof. Dr. İsmail YÜCEL and Assoc. Prof. Sertaç ORUÇ who will work on Scenario Analysis and Model Selection, as well as with Urban Climate Change expert Prof. Dr. Osman BALABAN and Regulatory Impact Assessment expert Dr. Rifat Ünal SAYMAN.



The CMIP6 models selected for the projection studies will be run under the relatively optimistic and pessimistic SSP scenarios given in the IPCC's 6th Assessment Report. The climate projections conducted with these scenarios will be used to project impacts of climate changes on selected climate variables under the higher and lower emission scenarios. Both scenarios will be analyzed for the historical reference period 1985–2014 and the projection period 2015–2100, providing valuable results for planning.

These projection results will be used both in LCCAP studies and in sectoral vulnerability and risk assessments at regional scale.

Within the scope of the project, studies will be carried out on the preparation of LCCAP legislation and Regulatory Impact Assessment for the legislation, the establishment of LCCAPs for 6 pilot provinces, e-LCCAP portal and determination of urban climate financing mechanisms.



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THE FIRST TECHNICAL ADVISORY COMMITTEE MEETING OF THE PROJECT WAS HELD

The first Technical Advisory Committee (TAC) meeting under the project was held on 22 May 2024. The meeting was organized during the afternoon session of the Climate Projections Awareness Raising Conference.

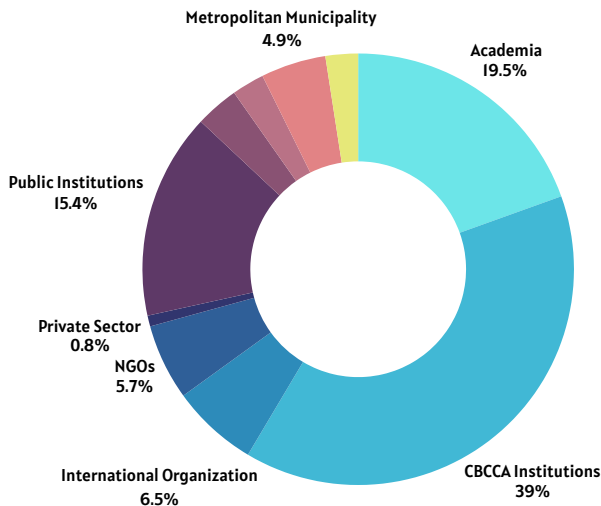
The event featured a panel discussion on climate projections moderated by Mr. Orhan SOLAK, Deputy Director of Climate Change. Speakers provided insights on various aspects of climate projections:



- Assoc. Prof. Şiir KILKIŞ discussed developments in climate change modeling and the IPCC 7th Assessment Cycle;
- Prof. Dr. Tuğrul YILMAZ presented on high-resolution climate projections and changing climate zones in Türkiye;
- Prof. Dr. İsmail YÜCEL covered CMIP6-based projections and current applications for Türkiye;
- Prof. Dr. İlkey DELLAL emphasized the importance of climate projections for the agriculture sector;
- Prof. Dr. Osman BALABAN focused on local-level applications of climate projection results.

The event concluded with an interactive Q&A session, moderated by Ms. Meral MÜNGAN ARDA, UNDP Türkiye Climate Change and Environment Portfolio Manager, engaging participants in discussing project outcomes and the practical implications of climate projections and local climate action.

Institutions of the Participants of the Technical Advisory Committee Meeting





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HIGHLIGHTS OF THE TECHNICAL ADVISORY COMMITTEE MEETING

During the Technical Advisory Committee Meeting, our stakeholders shared their opinions and expectations and participated in a mini survey. Information that will guide the implementation of the project and the planning of local administrations was obtained.

Which stakeholders should play an active role in scientific studies on climate change (projections, vulnerability and sectoral risk analyses, etc.)?



ACADEMIA
%26



PUBLIC
INSTITUTIONS
%24.3



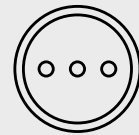
MUNICIPALITIES
%21.5



PRIVATE
SECTOR
%13.6



CIVIL SOCIETY
ORGANIZATIONS
%12.4



OTHER
%2.2

What do you think the climate projections will show us? Which climate change-related hazards will come to the fore when the results come out?



DROUGHT
%19.2



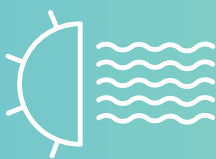
INCREASE IN AVERAGE
TEMPERATURE
%18.7



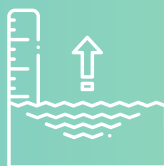
FOREST FIRE
%16.3



HEAVY RAIN
%14.8



HEAT WAVE
%14.3



SEA LEVEL CHANGE
%7.9



HIGH WINDS
%5.4



COLD WAVE
%3.4



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ABOUT PROJECT

EU Partnership for Local Climate Action in Türkiye Project, funded by the European Union under the Instrument for Pre-Accession Assistance-III (IPA III) Funds and implemented by United Nations Development Programme, launched on 1 May 2023. The End Recipient is the Ministry of Environment, Urbanization and Climate Change Directorate of Climate Change.

The project, which has a duration of 60 months, aims to support Türkiye in its efforts to combat climate change through increased implementation capacity at the local level and to sustainable, low-carbon, and climate-resilient development. Project's objectives are to:

- Improve climate risk assessment capacity at local, regional and national levels
- improve local climate action planning capacity
- Enhance local decision-making and implementation capacity for climate action
- Improve public awareness and local stakeholder capabilities and collaboration to implement climate actions
- Provide technical assistance to climate change grant programme

The target groups are the public institutions, municipalities, local administrations, regional and provincial directorates, development agencies, chambers, unions, universities, research institutes and civil society organizations. The target groups of the operation include all relevant local stakeholders and citizens.

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