

Climate outlook Adlershof

wista.de

Base

The liveability in residential and work environments is determined, among other things, by the surrounding climate conditions. Thus, it becomes increasingly necessary to take climate conditions and the future change of the local climate into account when planning cities and neighbourhoods. Climate changes such as increasing heat, the accumulation of heavy rainfall events and droughts are events that require targeted adaptation measures to improve or maintain the quality of life, especially in densely populated areas such as city centres or commercial areas. To develop targeted adaptation measures and assess their effectiveness, the climatic conditions must be known and quantified.

Objectives

- Assessment of the current climate status quo in the Science and Technology Park Adlershof, based on measurements and findings from relevant studies
- Evaluation of climate scenarios for Adlershof
- Deduction of local climate impacts

Implementation

The climate status quo for the Science and Technology Park Adlershof was characterized by evaluating long-term climatological mean values. For this purpose, a 30-year period from 1994 to 2023 was considered. In addition, the development of meteorological variables and parameters over the specified time period was presented to provide insights into current climate change and dynamics.

Several relevant studies analyzing climate impacts for Berlin under different emission scenarios were evaluated, to derive local climate impact.

Impact

1. Overview of historical and expectable climate changes
2. Quantification of future climate conditions
3. Assessment of local climate impacts

Project period

2024:

Concept phase

2025:

Evaluation and report

2025 to 2027:

Deduction of measures

Project partner



Contact

Dr. Stefan Bschorer

Team Innovation

bschorer@wista.de

wista.de

A project by:

