

Prof. Günter Blöschl is Head of the Institute of Hydraulic Engineering and Water Resources Management at TU Wien, Director of the Vienna Centre for Water Resource Systems, and professor at the University of Bologna.

He is internationally recognised for linking climate warming to changing flood hazards, showing recent decades are among the most flood-prone in five centuries. By compiling a European flood database, he identified regional drivers such as increased rainfall in the northwest, reduced snow cover in the east, and soil moisture decline in the south. He also demonstrated that more intense short-duration rainfall has raised flood risks in small catchments, providing a foundation for risk prediction and management. His work has been published in leading journals such as *Nature* and *Science*.

Blöschl has led national adaptation strategies in Austria, authored design flood guidelines for large dams, developed critical forecasting systems, and directed national scale hazard mapping projects. He established the Hydrology Open Air Laboratory (HOAL), now a global model for catchment research.

Blöschl is an ERC Advanced Grant recipient, Horton Medalist, and member of the Austrian Academy of Sciences, the German National Academy of Science and Engineering, and the US National Academy of Engineering. He has presided over the European Geosciences Union and recently received the Stockholm Water Prize from the King of Sweden. He is the Austrian Representative for Euro-CASE, and in this capacity conference chair of the Annual Euro-CASE conference 2025.

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