

Media Information – Short Version

Wind energy changes the climate?

The book “*Wind mania*” raises a fundamental question:

Wind turbines extract kinetic energy from the atmosphere. But what impact does this intervention have on the climate system?

The book “*Wind Mania – The Wind Mania and Its Climatic Consequences*” by Manfred Brugger examines this question from a physical perspective. The focus is on wind circulation, the global water cycle, and the transport of heat and moisture in the atmosphere.

Wind is a central driver of the climate system. It distributes energy, transports water vapor over long distances, and influences precipitation. The large-scale expansion of wind energy continuously removes kinetic energy from this system. As a result, flow patterns could be altered and feedback mechanisms within the climate system may be triggered.

The book explains the physical fundamentals of the atmosphere, wind, and the water cycle in an accessible way and raises the question of whether wind energy has not only a technical, but also a climatic dimension.

Book details

Title: *Wind Mania – The Wind Mania and Its Climatic Consequences*

Author: Manfred Brugger

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For media

Interviews, background discussions, and guest contributions are available.

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