



Online Lecture Series:

1.5 °C global warming by 2030?

Consequences | risk reduction | adaption

Forecasts predict that the earth will warm by 1.5°C in the next 15 years compared to the pre-industrial age. The 1.5°C warming was already the climate target in Paris in 2015, which was to be achieved by 2100. However, the 1.5°C warming is also a temperature threshold at which processes are triggered that can no longer be reversed, so-called tipping points.

The open questions we have to face are:

What does accelerated global warming mean for us in the next ten years?

What changes will we face and how do we address them?

If we can't stop global warming, how do we adapt?

In order to respond adequately to the coming changes and to develop solutions for a life in a 1.5°C warmer world, we need a basic understanding of the major climate-related changes and their interrelationships.

To create an awareness for the upcoming challenges that we have to face, this open online lecture series is developed on a short term basis by The Beuth University (Berlin) and the Klaipeda University (Lithuania). In cooperation with the VDI – The Association of German Engineers and the EU-CONEXUS European University for Smart Urban Coastal Sustainability, high-ranking experts are invited to shed light on the various aspects of accelerated climate change.

This free and open lecture series aims to support engineers, researchers and students in gaining a basic understanding of the current situation of climate change in order to develop possible research and development approaches for our life in a 1.5°C warmer world.

To join the Online Lecture Series, you just need to open the provided link:

<http://player.bht-media.de/conf.html?channel=klima-ringvorlesung>



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Lecture 1: Tuesday | 25th May 2021 | 18:30 – 19:30 (CEST)

Introduction: Dieter Westerkamp, Technology and Society, VDI, Düsseldorf, Germany

Title: „*Accelerated global warming*“

Speaker: Volker Wittpahl,

Director of Institute for Innovation and Technology (iit), Berlin, Germany

Lecture 2: Tuesday | 1st June 2021 | 18:30 – 19:30 (CEST)

Introduction: Giedrius Jokubauskis, First secretary at the Embassy of the Republic of Lithuania to Germany, Berlin, Germany

Title: „*Six Degrees of Climate Emergency*“

Speaker: Mark Lynas,

Author of “Our final Warning: Six Degrees of Climate Emergency”, UK

Lecture 3: Tuesday | 15th June 2021 | 18:30 – 19:30 (CEST)

Introduction: Prof. Artūras Razbadauskas, Rector of Klaipeda University, Lithuania

Title: „*Global climate change and its impact on various sectors using Germany as an example*“

Speaker: Andreas Walter

Central Climate Office Unit, Deutscher Wetterdienst (DWD), Offenbach, Germany

Lecture 4: Tuesday | 22th June 2021 | 18:30 – 19:30 (CEST)

Introduction: Prof. Dr. Rima Mickevičienė, EU CONEXUS - Klaipeda University, Lithuania

Title: „*Risks of climate tipping points and consequences for Europe*“

Speaker: Jonathan F. Donges

Co-Leader PIK FutureLab on Earth Resilience in the Anthropocene, The Potsdam Institute for Climate Impact Research (PIK), Potsdam, Germany

Lecture 5: Tuesday | 29th June 2021 | 18:30 – 19:30 (CEST)

Introduction: Prof. Hermann Mohnkopf, Member of the Board and Chairman of VDI Berlin Brandenburg

Title: „*Global Weather Attribution*“

Speaker: Karin van der Wiel,

Researcher at The Royal Netherlands Meteorological Institute (KNMI), De Bilt, The Netherlands

Lecture 6: Tuesday | 13th July 2021 | 18:30 – 19:30 (CEST)

Introduction: Prof. Silke Köhler, Vice President, Beuth University of Applied Science, Berlin, Germany

Title: „*EU Strategy on Adaptation to Climate Change*“

Speaker: Elena Visnar Malinowska,

Head of Unit DG Climate Action, European Commission, Brussel, Belgium