

KIT at the City Hall: Preserving our Natural Resources

The KIT Climate and Environment Center and its Research



*Our climate is changing. How we can adapt and preserve resources and habitats are among the questions that are raised at "KIT at the City Hall".
(Photo: Gabi Zachmann, KIT)*

How is the weather connected to the climate? How can life be sustained under extreme climatic conditions? And why is it important to understand the "Earth system"? Scientists from the KIT Climate and Environment Center will answer these questions on Wednesday, June 22, 2016 at 6:30 PM. At the Karlsruhe City Hall, they will hold popular-scientific talks, presenting exciting research on climate change, adjustment, and resource conservation.

The living conditions on Earth are subject to major upheavals which are caused by climate change, and demographic, economic, and technical developments. This has an effect on the availability and quality of water, air, and food, which means that climate and environmental research is facing huge challenges: It is no longer only about eliminating the causes of environmental problems, but also more and more about adjusting to changed natural environmental conditions and conditions that have been shaped by humans. The KIT Climate



*KIT Climate and Environment Center:
For an environment worth living in*

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and Environment Center explores basic knowledge about the processes involved and their interaction on a local, regional, and global level. Around 600 scientists from 33 institutes deal with the climatic, ecological, and economic consequences of these changes and, based on this, identify suitable adjustment strategies.

The “KIT at the City Hall” event series gives citizens the opportunity to get to know this exciting field of research, and have a conversation with scientists on the subject of “Preserving our natural resources – science for society and environment”. Everyone interested, particularly pupils, are invited to the event which will be organized by the ZAK | Center for Cultural and General Studies. The event is followed by a reception which provides an opportunity for discussions. From June 20 to 24, 2016, a thematic poster exhibition by the KIT Climate and Environment Center is running alongside the event in the upper city hall foyer. All presentations will be recorded and published at www.zak.kit.edu/kit_im_rathaus. Entry is free.

Program:

Welcome speeches

Klaus Stapf, Mayor of the City of Karlsruhe
Professor Oliver Kraft, Vice President Research at the Karlsruhe Institute of Technology (KIT)

The KIT Climate and Environment Center

Professor Frank Schilling, Scientific Spokesman of the KIT Climate and Environment Center, Holder of the Dr. Martin Herrenknecht Endowed Chair, Institute of Applied Geosciences

Habitat protection under extreme anthropogenic and climatic conditions in East Asia

Professor Franz Nestmann, Head of the Institute for Water and River Basin Management, Chair of Water Resources Management

From weather to climate: remote sensing of the atmosphere

Professor Johannes Orphal, Meteorology and Climate Research – Atmospheric Trace Gases and Remote Sensing

Geosciences for society and environment: today and tomorrow

Professor Philipp Blum, Head of Engineering Geology, Institute of Applied Geosciences

For more information, please visit: www.zak.kit.edu/kit_im_rathaus

More information on the KIT Climate and Environment Center:
<http://www.klima-umwelt.kit.edu>

Karlsruhe Institute of Technology (KIT) pools its three core tasks of research, higher education, and innovation in a mission. With about 9,300 employees and 25,000 students, KIT is one of the big institutions of research and higher education in natural sciences and engineering in Europe.

KIT – The Research University in the Helmholtz Association

Since 2010, the KIT has been certified as a family-friendly university.

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