# #lecturesforfuture | June 18, 2019

8:15 am – 11:30 am, Building 01 | EG | 110

## Innovative Solutions (EE_W.03)

Prof. Dr. Blitgen-Heinecke

Scenarios of self-accelerating processes in climate change

Students' presentations:

- Examples for the impacts of climate change
- Destruction of ecosystems and solutions
- Impact of meat production
- Combi power plant

8:15 am – 11:30 am, Building 02 | 1. OG | 535

## Data Procurement and Data Processing in Technical and Ecological Ecosystem Management (M-IE_EA.03)

Prof. Dr. Ute Hansen

Students' presentations:

- Paudel, B.: Economic losses due to climate change in Europe
- Acharya, B.: Global issue of $CO_2$ and global warming
- Atenkeng-Tedong, C.: Energy data for Kamerun
- Hegde, M.: Data procurement on ozone layer
- Jain, D.-K.: Glacier surveillance
- Hossain, S.: Monitoring and estimating tropical forest carbon stocks

12:15 pm – 3:30 pm, Building 01 | 2. OG | 130

## Applied Measurement and Control (EE_4.03)

Prof. Dr.-Ing. Rolf Becker

IoT in the Amazon rainforest, long distance data transmission, wireless sensor networks, LoRa-remote transmission

12:15 pm – 3:30 pm, Building 01 | EG | 105

## Fundamentals of Chemistry (EE_2.01)

Prof. Dr. Irmgard Buder

Chemistry and Global Climate Change - Producing steel at reduced $CO_2$-emissions and "Carbon to Chem"

4:00 pm – 5:30 pm, Building 01 | 1. OG | 105

## Water Cycle and Water Management (EE_4.01)

Prof. Dr. Ute Hansen

The Global Water Cycle – Anthropogenic impacts

4:00 pm – 7:15 pm, Building 02 | 1. OG | 535

## Fundamentals of Scientific Programming (EE_1.05)

Prof. Dr.-Ing. Rolf Becker

Logging, processing and communicating environmental data with relevance for global change

5:45 pm – 7:15 pm, Building 01 | 1. OG | 105

## Environmental Law and Regulations (EE_4.04)

Prof. Dr. Ute Hansen

European Emission Trading Legislation