



Multimedia Library Collection: Environmental Film Profiles (videos)

## “Grand Challenges for Climate Science and Climate Services”

Brasseur, Guy

Brasseur, Guy P. “Grand Challenges for Climate Science and Climate Services.” Presentation at the CCES, ETH Zurich, 10 February 2016, TIB AV-Portal, 24:05, <https://doi.org/10.5446/35016>. CC BY-NC-ND 2.5 CH.

This presentation by renowned meteorologist Guy Brasseur from the Max Planck Institute for Meteorology highlights the existing and upcoming challenges for climate science and climate services. He considers the grand challenges of understanding and predicting decadal scenarios arising from snow and ice melt, sea level rise, precipitation variability and water security, climate extremes, and clouds and circulation. He also discusses mitigation and adaptation responses to climate change, and climate engineering approaches.

The aim of the [Competence Center Environment and Sustainability \(CCES\)](#) conference “Grand Challenges in Environmental and Sustainability Science and Technology” was to give an account of the state-of-the art knowledge in the five research areas covered by CCES and how this knowledge can contribute to solving various pressing societal problems. (Source: [TIB AV-Portal](#) )

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Courtesy of the former Göttingen-based [Institut für den Wissenschaftlichen Film](#) (IWF, closed 2010), a large selection of environmental documentaries and educational films is available for on-site viewing at the [Rachel Carson Center for Environment and Society](#) in Munich. The IWF’s broad and diverse collection of scientific films is now searchable within the [TIB \(German National Library of Science and Technology\) AV-Portal](#) . The Rachel Carson Center’s Environment & Society Portal has made a selection of environmentally relevant films from the IWF with Creative Commons licenses discoverable within its [environmental film profiles collection](#) .

### Related links:

- CCES Conference 2016  
<https://av.tib.eu/series/394/cces+conference+2016>

### Websites linked in this text:

- <https://av.tib.eu/media/35016>
- <http://www.cces.ethz.ch/>
- <https://av.tib.eu/media/35016>
- [https://de.wikipedia.org/wiki/IWF\\_Wissen\\_und\\_Medien](https://de.wikipedia.org/wiki/IWF_Wissen_und_Medien)
- <https://www.carsoncenter.uni-muenchen.de/index.html>
- <https://av.tib.eu/>
- <https://www.environmentandsociety.org/mml/collection/16229>