

Sustainability Lecture November 23rd

# Arctic Resilience and Humanity's Future on Earth



The Arctic is changing more rapidly than any other biome, and moreover plays a key role in regulating the global climate system. Arctic resilience is therefore a key for world development.

Professor Johan Rockström will speak on how we become planetary stewards in order to safeguard local development, and the need for sustaining the stability and resilience of all critical biomes on Earth, particularly the Arctic.

Professor of geology Minik Rosing, who is leading the multidisciplinary research initiative Greenland Perspective, will respond to the lecture.



*Professor Johan Rockström is an internationally recognised scientist on global sustainability issues and the Executive Director of Stockholm Resilience Centre.*

**23<sup>rd</sup> of November 2015**  
**15:00 - 16:30**

**Ceremonial Hall**  
**Frue Plads 4**  
**1168 Copenhagen K**

Registration:  
[www.sustainability.ku.dk/sustainability-lectures/signup](http://www.sustainability.ku.dk/sustainability-lectures/signup)

Hosted by the  
Sustainability Science Centre  
University of Copenhagen  
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Further information:  
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Johan Rockström is an internationally leading scientist on resilience, global sustainability and sustainable development, and the Executive Director of Stockholm Resilience Centre. He has led the recent development of the new Planetary Boundaries framework for human development in the current era of rapid global change, and the transition team designing Future Earth

He has 20 years' experience in interdisciplinary research on global water resources, ecosystem services, agricultural development, social-ecological resilience and Earth system research, with over 150 research publications. He serves as advisor to international organisations, governments and the European Union. He is a member of the Swedish Government's Scientific council for Sustainable Development (2015-) and he has been voted Sweden's most influential person on environmental issues.

Minik Rosing is a professor of geology at the Natural History Museum of Denmark, University of Copenhagen. He is currently heading the multidisciplinary initiative Greenland Perspective, initiated by the University of Copenhagen in collaboration with the University of Greenland.

His research is based on fieldwork in Greenland where he studies the formation of Earth's continents and the interaction between early Archean life and Earth environments and climate – but he also has a focus on the use of raw materials and the consequences for the Greenlandic society today.



**COSI** is a network across the Sustainability Platform at CBS, the Sustainability Science Centre at UCPH, and the Global Decision Support Initiative at DTU.



Sustainability Lectures at UCPH aim to create attention and visibility of the challenges to sustainable development. The lectures are open to the public and help create a bridge between science and society. Watch previous lectures at [sustainability.ku.dk](http://sustainability.ku.dk).