Biogeochemistry and Atmospheric Science



Sponsored by the Department of Environmental Science and Analytical Chemistry (ACES), Geological Sciences (IGV) and the Bolin Centre for Climate Research

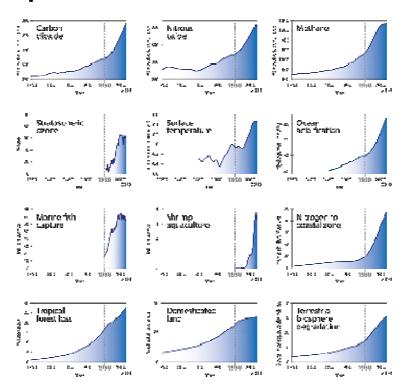
Wednesday 17 November 2015 at 13:00

Nordenskiöldsalen

WIII STEFFEN

Australian National University (ANU), Canberra, Australia & Stockholm Resilience Centre (SRC), Sweden

The Anthropocene: Where on Earth are we going?



The Anthropocene is a term now widely used within and outside research communities, and has been re-interpreted to mean many things to many people. But the core meaning is strongly grounded in Earth System science. The Anthropocene refers to a new geological epoch in Earth history, but one that is not due to the natural swings in Earth's environment but rather to an accelerating set of human pressures. The advent of the Anthropocene raises a profound dilemma for humanity. A business-as-usual socio-economic trajectory creates large risks that we may destabilize our own planetary life support system. In the 21st century are we really headed for a bright future of development, wealth creation, with plenty for everyone on the planet, or are we headed for global collapse?

Webcast: https://connect.sunet.se/bgcatm/

Lectures Archive: http://vimeo.com/bgcatm/videos/