



Winter Semester
2016-2017
Block Seminar



Trends in environmental properties and trace constituents during the Anthropocene

Welcome to the Anthropocene



Geology's new age

Date: February 8th, 2017

Venue: Institute of Environmental
Physics and Remote Sensing – IUP,
Room S1270, NW1 building,
Otto-Hahn-Allee 1, Bremen.





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AGENDA

10:00-16:20 Wednesday, February 8 th , 2017		
09:45-10:00	Welcome	Mihalis Vrekoussis
10:00-10:20	- Talk 1: Positive trends in <i>sea ice speed</i> in the Arctic from satellite observations in relation to atmospheric forcing.	Gunnar Spreen
10:20-10:40	- Talk 2: Decadal trends in <i>oceanic chemical tracers</i> in the Weddell region, Antarctica.	Mario Hoppema
10:40-11:00	- Talk 3: <i>Anthropogenic radionuclides'</i> records in sediments.	Dana Pittauer
11:00-11:20	- Talk 4: Investigating the role of <i>Southeast Asian rivers</i> in the global <i>carbon cycle</i> .	Denise Müller-Dum
11:20-11:40 Coffee Break		
11:40-12:00	- Talk 5: Satellite observations of column-averaged <i>carbon dioxide (CO₂)</i> and <i>methane (CH₄)</i> : Trends and stability.	Michael Buchwitz
12:00-12:20	- Talk 6: Trends of <i>nitrogen dioxide (NO₂)</i> over India.	Andreas Hilboll
12:20-12:40	- Talk 7: Trends in tropical <i>tropospheric ozone (O₃)</i> .	Elpida Leventidou
12:40-13:00	- Talk 8: Temporal evolution of <i>glyoxal (CHOCHO)</i> and <i>formaldehyde (HCHO)</i> over selected hot-spots.	Leonardo Alvarado
13:00-14:00 Lunch Break		
14:00-14:20	- Talk 9: Using solar FTIR spectrometry to investigate the sources and sinks of <i>carbonyl sulfide (OCS)</i> and its application to the <i>carbon cycle</i> .	Yuting Wang
14:20-14:40	- Talk 10: <i>Stratospheric Greenhouse Gas (CH₄, CO₂, H₂O)</i> . Profiles from SCIAMACHY Solar Occultation measurements.	Stefan Noel
14:40-15:00	- Talk 11: Interannual variability and trends of <i>stratospheric chlorine activation</i> as seen from space and from the ground.	Andreas Richter
15:00-15:20 Coffee Break		
15:20-15:40	- Talk 12: <i>Stratospheric ozone (O₃) trends</i> .	Mark Weber
15:40-16:00	- Talk 13: <i>Cloud trends</i> from multi-sensor passive observations in the oxygen A-band.	Luca Lelli
16:00-16:20	- Talk 14: Satellite-derived <i>particulate matter (PM)</i> , concentration trend during 2000 – 2014.	Linlu Mei
16:20	End of block seminar	