

Climate Thursdays 2024

Date	Symposium	Speaker
05-09-2024 08.00 - 08.10 08.10 - 08.40 08.40 – 09.10	Introduction, climate status and future perspectives <ul style="list-style-type: none"> • Introduction to the symposium series and plan • Present state of the climate and expected future development • Status on the hydrological challenges in a climate adaptation perspective 	Sebastian Mernild, Henrik Wenzel, SDU Sebastian Mernild, Professor, SDU Sara Egemose, Associate Professor, SDU
12-09-2024 08.00 – 08.30 08.30 – 09.00 09.00 – 09.30	Impacts on the planet <ul style="list-style-type: none"> • Arctic land ice, global sea level changes and storm surges • Nature-based solutions to climate change • How far have we come in exceeding our planetary boundaries? 	Jason Box, Professor, GEUS Carsten Rahbek, Professor, KU/GLOBE Katherine Richardson, Professor, KU
19-09-2024 08.00 – 08.30 08.30 – 09.00	Impacts on society/humans <ul style="list-style-type: none"> • Health with focus on aspects of temperature variation • Eco-distress 	Steffen Loft, Professor, KU Solveig Roepstorff, Psychologist and author
26-09-2024 08.00 – 08.30 08.30 – 09.00 09.00 – 09.30	Solutions to climate change: Agriculture and aquaculture <ul style="list-style-type: none"> • Agriculture, food production, supply and challenges/dilemmas • Cattle & climate • Aquaculture 	Jørgen E. Olesen, Professor, AU Peter Lund, Professor, AU Robin Ørnrsrud, Head of Research, Institute of Marine Research, Norway
03-10-2024 08.00 – 08.20 08.20 – 08.40 08.40 – 09.00 09.00 – 09.30	Solutions to climate change: The energy system transition <ul style="list-style-type: none"> • Status and perspectives of nuclear power as part of the future Danish energy system? • Energy system transition and PtX/CCU vs CCS • Full scale PtX plant – CO₂ to methanol • Panel debate: The pros and cons of wind and solar versus nuclear power in the future energy system 	Bent Lauritzen, Senior Researcher, Center leader, DTU Brian Vad Mathiesen, Professor, AAU Søren Knudsen Kær, Head of Technology (PtX), European Energy Bent, Brian, Søren
10-10-2024 08.00 – 08.30 08.30 – 09.00 09.00 – 09.30	Solutions to climate change: Carbon capture <ul style="list-style-type: none"> • DOC, Direct Ocean Capture of CO₂ – potential technical, economic and climate implications • DAC, Direct Air Capture of CO₂ – techniques and economy • Point source capture – status, costs and expected timeline of full-scale implementation 	Harry Atwater, Professor, Caltech, USA Thomas Helmer Pedersen, Associate professor, AAU Philip Loldrup Fosbøl, Associate professor, DTU
	Autumn holiday	

Date	Symposium	Speaker
24-10-2024 08.00 – 08.30 08.30 – 09.00 09.00 – 09.30	Solutions to climate change: Transport systems <ul style="list-style-type: none"> • Road transport – update on status and future expectations • E-SAF – sustainable aviation fuel made from CO2 and hydrogen – update on progress of the first production facility • Deep Sea shipping – new promising propulsion technique & carbon capture onboard the ship 	Niels Buus Kristensen, Senior Researcher, Institute for Transport Economics, Oslo Martin Nielsen, Plant Manager, Arcadia eFuels Mads Friis Jensen, CCO and co-founder Blue World Technologies
31-10-2024 08.00 – 08.30 08.30 – 09.00 09.00 – 09.30	Solutions to climate change: Circular economy and waste management <ul style="list-style-type: none"> • The challenge of the clothing sector and fast fashion • Circular economy: The challenges and possibilities of closing the system • E-plastic: Update on perspectives and plans of e-plastic production from methanol 	Else Skjold, Associate professor, The Royal Danish Academy Henrik Wenzel, Professor, SDU Søren Kristiansen, Senior Technology Director Materials, the LEGO Group
07-11-2024 08.00 – 08.30 08.30 – 09.00	Barriers, drivers and implications: Economy <ul style="list-style-type: none"> • What is the overall economic implication of the green transition to a climate neutral society and what is the optimal incentive structure? • How do we create the economic incentives for the transition of agriculture? 	Jette Bredahl Jacobsen, Professor, KU Michael Svarer, Professor, AU
14-11-2024 08.00 – 08.30 08.30 – 09.00	Barriers, drivers and implications: Politics <ul style="list-style-type: none"> • Our use of area for the green transition – Klondike or planning? • Not in my backyard – how do we compensate the affected part of our population? 	TBD Bertel Maigaard, CEO, BioCirc
21-11-2024 13.00 – 15.00	Panel debate <ul style="list-style-type: none"> • Are we on schedule? • Dilemmas of the 2025 and 2030 milestones • Dilemmas of the national accounting principle 	Peter Møllgaard Chair of the Danish Council of Climate Change, Dean at CBS More panel members will be added