

Torben R. Christensen Publications since 2010

Total number of publications: 171; Citations: 15983; h-index: 70 (Research Gate Nov. 2020)

- Abbott, B.W., Jones, J.B., Schuur, E.A.G., Chapin, F.S., Bowden, W.B., Bret-Harte, M.S. *et al.* & **Christensen, T.R.** (2016). Biomass offsets little or none of permafrost carbon release from soils, streams, and wildfire: an expert assessment. *Environmental Research Letters*, 11.
- Backstrand, K., Crill, P.M., Jackowicz-Korczynski, M., Mastepanov, M., **Christensen, T.R.** & Bastviken, D. (2010). Annual carbon gas budget for a subarctic peatland, Northern Sweden. *Biogeosciences*, 7, 95-108.
- Bosio, J., Johansson, M., Callaghan, T.V., Johansen, B. & **Christensen, T.R.** (2012). Future vegetation changes in thawing subarctic mires and implications for greenhouse gas exchange-a regional assessment. *Climatic Change*, 115, 379-398.
- Bosio, J., Stiegler, C., Johansson, M., Mbufong, H.N. & **Christensen, T.R.** (2014). Increased photosynthesis compensates for shorter growing season in subarctic tundra-8 years of snow accumulation manipulations. *Climatic Change*, 127, 321-334.
- Callaghan, T.V., Bergholm, F., **Christensen, T.R.**, Jonasson, C., Kokfelt, U. & Johansson, M. (2010). A new climate era in the sub-Arctic: Accelerating climate changes and multiple impacts. *Geophysical Research Letters*, 37.
- Callaghan, T.V., **Christensen, T.R.** & Jantze, E.J. (2011a). Plant and Vegetation Dynamics on Disko Island, West Greenland: Snapshots Separated by Over 40 Years. *Ambio*, 40, 624-637.
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- Callaghan, T.V., Tweedie, C.E., Akerman, J., Andrews, C., Bergstedt, J., Butler, M.G. *et al.* & **Christensen, T.R.** (2011c). Multi-Decadal Changes in Tundra Environments and Ecosystems: Synthesis of the International Polar Year-Back to the Future Project (IPY-BTF). *Ambio*, 40, 705-716.
- Cannone, N., Ponti, S., Christiansen, H.H., **Christensen, T.R.**, Pirk, N. & Guglielmin, M. (2019). Effects of active layer seasonal dynamics and plant phenology on CO₂ land-atmosphere fluxes at polygonal tundra in the High Arctic, Svalbard. *CATENA*, 174, 142-153.
- Christensen, T.R.** (2014). Climate science: Understand Arctic methane variability. *Nature*, 509, 279-281.
- Christensen, T.R.** (2016). It's a gas. *Nature Geoscience*, 9, 647-648.
- Christensen, T.R.**, Arora, V.K., Gauss, M., Hoglund-Isaksson, L. & Parmentier, F.J.W. (2019). Tracing the climate signal: mitigation of anthropogenic methane emissions can outweigh a large Arctic natural emission increase. *Scientific Reports*, 9.
- Christensen, T.R.**, Jackowicz-Korczynski, M., Aurela, M., Crill, P., Heliasz, M., Mastepanov, M. *et al.* (2012a). Monitoring the Multi-Year Carbon Balance of a Subarctic Palsa Mire with Micrometeorological Techniques. *Ambio*, 41, 207-217.
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- Christensen, T.R.**, Lund, M., Skov, K., Abermann, J., Lopez-Blanco, E., Scheller, J. *et al.* (2020). Multiple Ecosystem Effects of Extreme Weather Events in the Arctic. *Ecosystems*.
- Christensen, T.R.**, Topp-Jorgensen, E., Sejr, M.K. & Schmidt, N.M. (2017a). Foreword: Synthesis of the Greenland Ecosystem Monitoring program. *Ambio*, 46, S1-S2.
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- Jonasson, C., Sonesson, M., **Christensen, T.R.** & Callaghan, T.V. (2012). Environmental Monitoring and Research in the Abisko Area-An Overview. *Ambio*, 41, 178-186.
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