

Hans Frederik Engvej Hansen

PhD fellow

Geography 1

Geography 1

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Short presentation

I am working as a PhD-student at the Global Wetland Center (Global Wetland Center). My focus is the biogeochemistry of cultivated wetlands, more specifically, rice paddies and I am mainly working with emissions of greenhouse gases (CO₂, CH₄ and N₂O).

Qualifications

MSc. in Geography and Geoinformatics, University of Copenhagen

1 Sep 2021 → 14 Jul 2023

Award Date: 14 Jun 2023

Employment

PhD fellow

Geography 1

København K

15 Jan 2024 → nu

PhD fellow

Geography 1

København K

15 Jan 2024 → nu

Guest Researcher

Geography 1

København K

1 Nov 2023 → 12 Jan 2024

Research Assistant

Geography 1

København K

1 Oct 2023 → 31 Oct 2023

Instructor

Department of Mathematical Sciences

København Ø, Denmark

13 Nov 2017 → 12 Nov 2018

Instructor

Geography

København K, Denmark

15 Mar 2021 → 23 Apr 2021

Research outputs

High nitrous oxide emissions from temporary flooded depressions within croplands

Elberling, Bo, Kovács, Gyula Mate, Hansen, Hans Frederik Engvej, Fensholt, Rasmus, Ambus, Per Lennart, Tong, Xiaoye, Gominski, Dimitri Pierre Johannes, Mueller, Carsten W., Poultney, D. M. N. & Oehmcke, Stefan, 2023, In: *Communications Earth and Environment*. 4, 1, 9 p., 463.

Impact of Water Management on Methane Emission Dynamics in Sri Lankan Paddy Ecosystems

Lakshani, M. M. T., Deepagoda, T. K. K. C., Li, Y., Hansen, Hans Frederik Engvej, Elberling, Bo, Nissanka, S. P., Senanayake, D. M. J. B., Hamamoto, S., Babu, G. L. S., Chanakya, H. N., Parameswaran, T. G., Arunkumar, P. G., Sander, B. O., Clough, T. J. & Smits, K., 2023, In: *Water (Switzerland)*. 15, 21, 15 p., 3715.

Spatial Distribution of Bioavailable Inorganic Nitrogen From Thawing Permafrost

Hansen, Hans Frederik Engvej & Elberling, Bo, 2023, In: *Global Biogeochemical Cycles*. 37, 2, 12 p., e2022GB007589.