

# Curriculum Vitae

**Anders Tærø Nielsen**

**Title:** PhD, Forest Biomass for Climate Change Mitigation

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**Date of birth:** March 8<sup>th</sup>, 1983

**Civil status:** Married to Tina Rauff Hansen, four kids



## Vocational experience

- **2022-:** Forest and investment director and co-owner of Remixed Nature APS
- **2021-:** Founder and co-owner of two forestry companies, Falslev Plantage I/S and JA Skovinvest I/S
- **2018 -:** Self-employed at Taeroe Forest Consult and Tørrehøj Savværk I/S.
- **2019-2022:** Assistant professor: Modeling of carbon footprint the Danish Energy sectors conversion from coal to biomass, Department of Geoscience and Natural Resource Management, University of Copenhagen.
- **2016-2017:** Post doc position: Forest restoration after wind throw, Department of Geoscience and Natural Resource Management, University of Copenhagen.
- **2012-2016:** Industrial-Ph.D. student at HedeDanmark A/S and Department of Geoscience and Natural Resource Management, University of Copenhagen.
- **July/August 2011:** Scientific assistant in East Greenland, Department of Geology, University of Aarhus.
  - Tasks: Data collection, logistics, captain of the research Zodiac and bear watch.
- **Marts 2011:** Freelance R&D consultant at Jiffy, Canada.
  - Tasks: *Elaboration of results from Master Thesis.*
- **2009-2016:** Self-employed arborist at Tærø Træpleje.
  - Tasks: *Pruning and cutting of trees.*
- **2005-2009:** CFO in the catering company, Vinods.dk APS,
  - Tasks: *Accounting and economic optimization of business.*
- **2005-2007:** Salesman at servicestation, Q8.
- **2003-2004:** Factory worker.

## Scientific achievements

### Publications

- **Taeroe, A.,** Thomas Nord-Larsen, Niclas Scott Bentsen. CO<sub>2</sub> emission mitigation through fuel transition on Danish CHP and district heating plants, GCB Bioenergy, 2021, Vol 13. 1162-1178
- Nielsen UB, Madsen P, Hansen JK, Nord-Larsen T, **Taeroe A.** Production potential of 36 poplar clones grown at medium length rotation in Denmark. Biomass & Bioenergy 2014; Vol 64: pp. 99-109.
- Nord-Larsen, T., **Taeroe, A.** Biomass, stem basic density and expansion factor functions for five exotic conifers grown in Denmark, Scandinavian Journal of Forest Research. 2015. Vol. 30, No. 2, pp. 135–153.
- **Taeroe, A.,** Nord-Larsen, T., Stupak, I., and Raulund-Rasmussen, K.: Allometric Biomass, Biomass Expansion Factor and Wood Density Models for the OP42 Hybrid Poplar in Southern Scandinavia Bioenergy Research. 2015 Vol. 8, pp. 1332 – 1343.
- **Taeroe, A.,** Stupak, I., Mustapha, W., and Raulund-Rasmussen, K.: Do forests best mitigate CO<sub>2</sub> emissions to the atmosphere by setting them aside for maximization of carbon storage or by management for fossil fuel substitution? Journal of Environmental Management. Vol. 197, pp 117–129
- Georgiadis, P, **Taeroe, A.,** Stupak, I., Kepfer Rojas, S., Zhang, W., Pinheiro Bastos, R., Raulund-Rasmussen, K.: Fertilization effects on biomass production, nutrient leaching and budgets in four stand development stages of short rotation forest poplar. Forest Ecology and Management 2017, Vol. 397, pp. 18-26.
- **Taeroe, A.,** de Koning, J. H. C., Löf, M., Tolvanen, A., Heiðarsson, L., Raulund-Rasmussen, K.: Recovery of temperate and boreal forests after windthrow and the impacts of salvage logging. A quantitative review, Forest Ecology and Management Volume 446, 15 August 2019, Pages 304-316

## Education

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- **2012-2016:** Industrial-Ph.D. student at HedeDanmark A/S and Department of Geoscience and Natural Resource Management, University of Copenhagen.
- **2008-2011:** MSc, Forest and Natural Resource Management (*Cand. Silv*), Department of Geoscience and Natural Resource Management, University of Copenhagen. Master Thesis: *"A comparison of root architecture and tree stability in bare root- and Jiffy-trees (Picea abies), eight meter tall"*
- **2007-2008:** Subsidiary subjects within Biology (25 ects): Environmental and Nature Administration, 10 ects; Population ecology, 5 ects; System Ecology, 5 ects; Evolution and Diversity, 5 ects.
- **2004-2008:** BA, Economics, (*BA. oecon.*), University of Aarhus.

## Voluntary work abroad

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- **April-July 2011:** Founding and coordination of the project Masanga Agroforestry Project (MAP) in Sierra Leone. Four month of voluntary fieldwork in central Sierra Leone.
  - *Tasks: Establishment of agriculture on depleted soils, agroforestry, afforestation and capacity building of employees.*