

**CV – Brian H. Jacobsen**, *Department of Food and Resource Economics, University of Copenhagen.*

<b>Name</b>	Brian H. Jacobsen
<b>Date of Birth</b>	09/04-1962
<b>Education</b>	1994: Ph.d. Agr. Economics (KVL, now SCIENCE, University of Copenhagen) 1989: M. Sc. In Agr. Management (Reading University, UK) 1987: M. Sc. In Agr. Science (economics), KVL.
<b>Work Address</b>	Rolighedsvej 25, 1958 Frederiksberg, Denmark



**Employment Record**

Year	Organisation	Position
1995	Institute of Food and Resource Economics, KVL	Associated Professor
1990	Institute of Food Economics, KVL	Ph.D. Student (scholarship)
1987	Danish Institute of Agricultural Economics	Research Assistant

**Key Personal Assignments and Experiences**

Have been WP and project leader on several DK projects and one EU project (INEMAD)

**Latest research projects**

Mapfield	1,1 mio. Innovation fund Denmark	2018-21
Natura2000	2,0 mio. The Danish Agricultural Agency and the Ministry of Environment and Food	2017-18
LEAP	3,0 mio. WaterWorks2015 (JPI) via Innovation fund Denmark	2016-20
rOPen	0,8 mio. Innovation fund Denmark	2016-19
DNMARK	2,0 mio. Danish Research Council research alliance on Nitrogen in Agriculture	2012-17
INEMAD	2,5 mio. FP-7 EU project on the reallocation of manure and production of biogas	2012-16

**Key competencies**

1) Economic assessment of costs of reducing nitrogen, ammonia, phosphorus and CO<sub>2</sub> emissions from agriculture. 2) Economic assessment of cost of national nitrogen policies (ex-ante and ex post). 3) EU regulation on water quality and the Water framework Directive (WFD) 4) Implementation of measures on farms. Education: Supervised 2 Ph.D. students and 6 M.Sc. students and teach the following topics : WFD and economics; climate solutions.

**Selected research publications (h-index = 11 for ISI journals)**

Publications include more than 50 reports and more than 300 memos and papers as well as more than 20 white papers.

- Jacobsen, B.H.; Latacz-Lohmann, U.; Luesink, H. ; Michaels, R. and Ståhl, L. (2018). Costs of regulating ammonia emission from livestock farms near Natura 2000 areas - Experiences from Germany, Netherlands and Denmark. *Jour. Of Env. Management*, 246, 897-908
- Juan; T., Bonnicksen, O, Stijn Speelman, Verspecht, Ann; Carpentier, L.; DeBruyne, L.; Marchand, F.; Jacobsen, B.H; and Jeroen Buysse (2018). Farmers' reasons to accept bio-based fertilizers: A choice experiment in 7 different European countries. **Journal of cleaner production**, 197, 406-416
- Jensen, A.K.; [Uggeldahl, K.](#); [Jacobsen, B.H.](#) ; [Hasler, B.](#) and [Jensen, J.D.](#) (2019). Including aesthetic and recreational values in cost-effectiveness analyses of Nitrogen measures. **Jour. of Env. Man.**, 240, 384-393.
- Jacobsen, B, H.; Tegner, H. and Baaner, L. (2017) Implementing the water framework directive in Denmark - Lessons on agricultural measures from a legal and regulatory perspective. **Land Use Policy**, 67 (2017) 98–106 [doi:/10.1016/j.landusepol.2017.05.021](https://doi.org/10.1016/j.landusepol.2017.05.021)
- Jacobsen B.H and Hansen, A.L. (2016). Economic gains from targeted measures in agriculture based on detailed nitrate reduction maps. **Science of the Total Environment**. 556, 264-275. <http://dx.doi.org/10.1016/j.scitotenv.2016.01.103>
- Dalgaard, T., [B. Hansen](#), [B. Hasler](#), [O. Hertel](#), [N. J Hutchings](#), B.H. Jacobsen, et al (2014). Policies for Agricultural nitrogen management - trends, challenges and prospects for improved efficiency in Denmark. **Jour. Environmental Research Letters**. Environ. Res. Lett. 9 (2014) 115002 (16pp) [doi:10.1088/1748-9326/9/11/115002](https://doi.org/10.1088/1748-9326/9/11/115002)
- Jensen, C.L.; Dubgaard, A.; Jacobsen, B.H.; Olsen, S.B. and Hasler, B. (2013). A practical CBA based screening procedure for identification of river basins where the costs of fulfilling the WFD requirements may disproportionate – applied to the case of Denmark. **Journal of Environmental Economics and Policy**. Vol. 2, No. 2, 164–200.
- Grinsven, H.J.M., Holland, M., Jacobsen, B.H., Klimont, Z., Sutton, M.A. and Williams, W. J. (2013). Costs and benefits of nitrogen for Europe and implications for mitigation. **Env. Science and Technology**. Vol. 47, pp. 3571-3579.
- H.J.M. van Grinsven<sup>1</sup>, H.F.M. ten Berge<sup>2</sup>, T. Dalgaard<sup>3</sup>, B. Fraters<sup>4</sup>, P. Durand<sup>5</sup>, A. Hart<sup>6</sup>, G. Hofman<sup>7</sup>, B.H. Jacobsen<sup>8</sup>, S.T.J. Lalor<sup>9</sup>, J.P. Lesschen<sup>10</sup>, B. Osterburg<sup>11</sup>, K.G. Richards<sup>9</sup>, A.-K. Techen<sup>11</sup>, F. Vertès<sup>5</sup>, J. Webb<sup>12</sup>, W.J. Willems<sup>1</sup> (2012). Management, regulation and environmental impacts of nitrogen fertilization in northwest Europe under Nitrates Directive, a benchmark study. **Journal of Biogeoscience**, 9, 5143-5160.

**Refereed book chapters**

Brink, C. ; Grinsven, H.V.; Jacobsen, B.H.; Rabi, A.; Gren, I., Holland, M., Klimont, Z., Hicks, K., Brouwer, R., Dickens, R., Willems, J., Termansen, M., Velthof, G., Alkemade, R., Oorschot, M.V. and Webb, J. (2011). Costs and Benefits of nitrogen in the environment. Chapter 22. In *Environment Nitrogen Assessment for Europe*. Cambridge University Press. pp. 513-540.