

CURRICULUM VITAE

Søren Marcus Pedersen, Associate Professor

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| Profile | Søren Marcus Pedersen (SMP), born 31 August 1969. He works with production economics, innovation economics, adoption studies and technology assessment in the agri-food sector. His research areas include farm management information systems, irrigation systems, precision farming and GMO versus conventional crop production. | |
| Education | 2003 | PhD, Production and Technology, DTU, Technical University of Denmark |
| | 1995 | MSc Agricultural Economics, The Royal Veterinary and Agricultural University |
| | 1993 | MSc Agricultural Economics, University of London, Wye College. |
| Employment | 2012- | Associate professor, Department of Food and Resource Economics |
| | 2004-2012 | Senior Researcher, Institute of Food and Resource Economics, University of Copenhagen |
| | 1996-2004 | Visiting researcher at Silsoe Research Institute, UK (2001) |
| | 1995-1996 | Researcher, Danish Research Institute of Food Economics |
| | 1995-1996 | Agricultural Economist, Danish Agricultural Council |
| Professional activities | 2007-2011 | Board Member, NJF Nordic Association of agricultural scientist , economic section 2007-2011, |
| | 2006 - 2011- | Censor (external examiner) at Danish Technical University Censor (external examiner) at Aarhus University |
| | 2015- | External Expert (project evaluation), European Cooperation in Science and Technology, Evaluating, www.cost.eu |
| | 2015- | Advisory Board Member, ANTARES, EU H2020 - project. |
| | 2014- | Steering Committee member INNOSENSE (Reinforcement of BioSense Center (EU programme of scientific partners in EU) |
| | | Main Supervisor of 6 PhD students (2 ongoing and 4 has obtained the degree) Expert appraisal (Syn- og skønsmand) 30 assignments for different City Courts and High Courts (farm economics on Danish farms) from 2005 - Reviewer of several international journals |

| Teaching activities | Period | Course name | BSc/MSc/PhD, ECTS | Responsible (Y/N) |
|-------------------------|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|
| The last 5 years | 2014- | Introduktion til erhvervsøkonomi | 7,5 | Y |
| | 2014- | European Farm and Food System | 15 | N |
| | 2016- | PHD course - MIRACLE Project, Baltic Innovative Governance Approaches to Catchment Water Quality in a Changing Climate, Kristainstad , Sweden | 7,0 | N |
| | 2010-2014 | Technology Assessment | 7,5 | Y |
| | 2014-2016 | Animal Production Science | 15 | N |

PUBLICATIONS AND GRANTS

Selected publications (maximum of 10 publications)

SE Jacobsen, M Sørensen, SM Pedersen, J Weiner (2015): Using our agrobiodiversity: plant-based solutions to feed the world, *Agronomy for Sustainable Development* 35 (4), 1217-123

O Xhoxhi, SM Pedersen, KM Lind, A Yazar (2014): The Determinants of Intermediaries' Power over Farmers' Margin-Related Activities: Evidence from Adana, Turkey, *World Development* 64, 815-827

CR Jensen, JE Ørum, SM Pedersen, MN Andersen, F Plauborg, F Liu (2014): A short overview of measures for securing water resources for irrigated crop production, *Journal of Agronomy and Crop Science* 200 (5), 333-34

SE Jacobsen, M Sørensen, SM Pedersen, J Weiner (2013): Feeding the world: genetically modified crops versus agricultural biodiversity, *Agronomy for sustainable development* 33 (4), 651-662

Jensen H.G. Jacobsen L B Pedersen S.M, Tavella E. Socioeconomic impact of widespread adoption of precision farming and controlled traffic systems in Denmark, *Precision Agriculture: Volume 13, Issue 6 (2012)*, Page 661-677

Lawson LG , Pedersen SM , Sørensen CAG, Pesonen L, Fountas S, Werner A et al . A four nation survey of farm information management and advanced farming systems: a descriptive analysis of survey responses. *Computers and Electronics in Agriculture* 2011;77(1):7-20

C.G. Sørensen, L. Pesonen, S. Fountas, P Suomi, D. Bochtis, P Bildsøe, S.M. Pedersen, (2010): A user-centric approach for information modeling in arable farming , *Computers and Electronics in Agriculture* 73 (2010) 44-55

Ørum J.E, Boesen M.V, Jovanovic Z, Pedersen S.M (2010): Farmers' incentives to save water with new irrigation systems and water taxation – A case study of Serbian potato production, *Agricultural Water Management*, volume 98, 465-471.

Maton L, Psarras G, Kasapakis, G, Lorenzen J R, Andersen M, Boesen M, Nøhr Bak S, Chartzoulakis K, Pedersen S M, Kloppmann W, (2010): Assessing the net benefits of using wastewater treated with a membrane bioreactor for irrigating vegetables in Crete, *Agricultural Water Management*, volume 98, 458-464.

Pedersen S. M., Fountas S, Have H, Blackmore and (2006): Agricultural robots – system analysis and economic feasibility, *Precision Agriculture*, Springer 295-308 p.

Fountas S. Wulfsohn D., Blackmore S.M., Jacobsen H.L., Pedersen S.M. (2006): A model of information flows for information-intensive agriculture, *Agricultural systems* (87), Elsevier, p 192-210.

Pedersen S. M., Fountas S. Blackmore S. Gylling M. and Pedersen J. L. (2004): Adoption and perspectives of precision farming in Denmark, *Acta Agriculturae Scandinavica, Section B. Soil and Plant Science*, Volume 54, Number 1 / January 2004, pp 2-6.

Grants (maximum of 5 grants)

PAMCOBA (project leader) – economics of precision farming (ICT-AGRI - Eranet) 2016 – (DKK 0,9 mill.)

MIRACLE (WP-leader) – cost efficient measures to prevent flooding and eutrophication in the Baltic Sea BONUS-EU and (DKK 1,8 mill.)

ICT-AGRI – USER-PA (WP-leader) (2013-2016) EU/DK (DKK 1,1 mill.)

SWUP-MED (2008-2012) (WP-leader) – Sustainable Water Use Securing Food Production In Dry Areas Of The Mediterranean Region, EU-FP7 (DKK 1,4 mill.)

FUTURE FARM – (WP-leader) 2008-2010 www.futurefarm.eu, EU FP7 (DKK, 2 mio) and DKK 0,5 mill. from KU-premium (total DKK 2,5 mill.)

Quantitative performance indices in Scopus

Scientific peer-reviewed papers: 16

H-index: 10