

## CURRICULUM VITAE

Jens Erik Ørum, Senior Adviser

<b>Profile</b>	<p>Jens Erik Ørum, born 15 August 1955, has been working within environmental and production economics in relation to crop production (in particular crop protection, crop response to nitrogen, nitrogen leaching, nitrogen regulation, irrigation, precision agriculture, decision support systems and farm management). He is - in close cooperation with Aarhus University - maintaining the departments farm-level behavioural-models on pesticide use and nitrogen regulation used for public consultancy. His took part in the design of a new pesticide load indicator and a new pesticide tax based on this load. He is editor on the national pesticide statistics and responsible for the economic evaluation of the actual Danish pesticide action plan.</p>			
<b>Education</b>	1995	MSc in Agriculture from The Royal Agricultural- and Veterinary University)		
<b>Employment</b>	2007-	Senior advisor, Department of Food and resource Economics (IFRO), University of Copenhagen		
	2005-2007	Senior advisor, Unit of Environmental and Natural Resource Economics, The Royal Agricultural- and Veterinary University		
	1995-2005	Research fellow, Farm Management Division, Jordbrugsøkonomisk Institut (SJFI)		
	1992-1994	Senior system engineer, LCS International		
	1983-1992	Chief consultant, Lindhard Computer Systems A/S		
<b>Professional activities</b>	2010-	Member of National FADN Committee for agricultural statistics		
	2004-	Member of several advisory boards and scientific sparring groups for pesticide research projects in relation to agriculture, environment, groundwater and pesticide use in general. Most resent member of Følgegruppe Jordbrug – Danish EPA Pesticide Research Program.		
	2007-2010	Member of expert panel, ENDURE Foresight study, EU 6 framework programme		
<b>Teaching activities</b>	<b>Period</b>	<b>Course name</b>	<b>BSc/MSc/PhD, ECTS</b>	<b>Responsible (Y/N)</b>
<b>Within the last 5 years</b>	2016-	Dyr, mennesker og samfund (5440-B1-2E16)	BS 15 ECTS	N
	2014-	Råvarekvalitet (5520-B3-3F17)	BS 7,5 ECTS	N
	2014-	Main supervisor for 2 MSc in econ.agro, 1 MSc in scient. agro. and 1 MSc in agro.	MSc	Y

## **PUBLICATIONS AND GRANTS**

### **Selected publications (maximum of 10 publications)**

Camilo Franco, Søren Marcus Pedersen, Haris Papaharalampos, Jens Erik Ørum (2017). The value of precision for image-based decision support in weed management. *Precision Agric* (2017)2017 pp 1–17.

Ørum JE, Holtze MS (Eds.) (2017). Bekæmpelsesmiddelstatistik 2015. Behandlingshyppighed og pesticidbelastning, baseret på salgsstatistik og sprøjtejournaldata. Orientering fra Miljøstyrelsen nr. 17. januar 2017.

Bligaard J, Jørgensen LN, Axelsen J, Hansen JG, Ørum JE, Baby S, Nielsen GC (2017). Udvikling af nye risikomodeller for Septoria (*Zymoseptoria tritici*) i vinterhvede. Bekæmpelsesmiddelforskning (BEKF) nr. 168. Februar 2017. Miljøstyrelsen.

Jensen CR, Ørum JE, Pedersen SM, Andersen MN, Plauborg F, Liu F, Jacobsen S-E (2014). A Short Overview of Measures for Securing Water Resources for Irrigated Crop Production. *J Agro Crop Sci* (2014).

Jensen JD, Ørum JE (2014). Economic incentives and alternative nitrogen regulation schemes: a spatial sector economic modelling approach. *Agricultural cooperative management and policy: new robust, reliable and coherent modelling tools*. red. / Constantin Zopounidis; Nikos Kalogeras; Konstadinos Mattas; Gert van Dijk; George Baourakis. Springer Science+Business Media B.V., 2014. s. 267-280 (Comparative Management, Vol. 2014).

Jørgensen LN, Ørum JE (2013). Ranking of fungicides according to risk assessments for health and environment. 2013 Reinhardtbrunn-Symposium proceedings volume/ Modern Fungicides and Antifungal.

Ørum JE, Boesen MV, Jovanovic Z, Pedersen SM.(2010). Farmers' incentives to save water with new irrigation systems and water taxation: a case study of Serbian potato production. *Agricultural Water Management*. 2010;98 (3):465-471.

Jacobsen BH, Ørum JE (2009). Farm economic and environmental effects of reduced tillage. *Food Economics - Acta Agriculturae Scandinavica, Section C, Volume 6, Issue 2, June 2009*, 134-142.

Riberholdt L, Larsen K, Ørum JE (2009). Water for Irrigation in Denmark - Pilot Study for Estimating the Volume of Water. EUROSTAT report.

Jørgensen LN, Egon N, Nielsen GC, Jensen JE, Ørum JE, Pinnschmidt HO (2008). Problems with disseminating information on disease control in wheat and barley to farmers. *Eur J Plant Pathol* (2008) 121:303–312.

### **Grants (maximum of 5 grants)**

SpotIT - C-IPM / GUDP

IMBICONT – Strategic Research Council

OPTIPLANT - GUDP

SEPTORIA – Bekæmpelsesmiddelforskning, Danish EPA

FORURENS – Det Norske Forskningsråd

Climate adaptation in Ghana (Supervision of PhD students) - DANIDA

### **Quantitative performance indices in Scopus**

Scientific peer-reviewed papers: 8

H-index: 5