

Curriculum vitae and list of publications

Erik Steen Jensen



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Born: 29 May 1955 in Korsør, Denmark

Address: Department of Biosystems and Technology
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Marital status: Married to clinical psychologist Annegrethe Severinsen

Languages: Danish, English, Swedish, French and German

Academic degrees: 1997: D.Sc. (Dr.agro.) Royal Veterinary and Agricultural University
1986: Ph.D. (Lic.agro.) Royal Veterinary and Agricultural University
1980: M.Sc.(Cand.agro) Royal Veterinary and Agricultural University

Awards etc.: Ulrik and Marie Brincks Honourable Award (DTU, March 2000)
Bertebos Prize, 2003 (Royal Swedish Academy of Agriculture and Forestry)
Kraks Blå Bog since 2003 - Danish Biography of 8000 Danes.
Member of the Royal Swedish Academy of Agriculture and Forestry (2010)
Member of the Royal Physiographical Society in Lund, Sweden (2010)
Member of Academie Agriculture Francaise, France (2014)

Positions held:

2009-	Faculty professor, Department of Biosystems and Technology, SLU Alnarp
2009-2012	Head of Department of Agrosystem (50%), SLU Alnarp
2003-2009	Head of programme, Bioenergy and Biomass, Biosystems Department, Risø National Laboratory for Sustainable Energy, Technical University of Denmark.
1998-2003	Research Professor, (Plant production in organic farming systems), Department of Agricultural Sciences, Royal Veterinary and Agricultural University, Copenhagen
1992-1998	Senior scientist, Plant Biology and Biogeochemistry Department, Risø National Laboratory, Roskilde
1987-1992	Scientist, Agricultural Research Department, Environmental Science and Technology Department, Risø National Laboratory
1986-1987	Post-doc, Agricultural Research Department, Risø National Laboratory
1980-1986	Research assistant, Risø National Laboratory

Research areas: Agroecology, multifunctional and sustainable cropping systems for food and the bio-based economy, symbiotic N₂ fixation in legumes, climate smart agriculture, crop diversification, intercropping, resource use, competition, biogeochemical cycling of C and N in the soil-plant-atmosphere system and in farming systems, sustainable production of bioenergy carriers, stable isotope methodology (¹³C, ¹⁵N).

Courses:

1981	Health physics, Risø
1985	Movement of solutes in the soil-plant system and nutrient uptake by plants, SLU, Uppsala.
1985-86	Management Development Programme, Risø
1986	Pedagogic/psychological course for teachers and instructors, Risø
1987	Isotope training course, Finnigan MAT, Bremen
1988	Modelling the soil-plant-atmosphere system, DJVK
1993-94	Project-leader course, Risø
1998	Project leader course, Risø
1999	Isotope training course, Finnigan MAT, Bremen
2004	Situation-determined management, SLII Model, Course at Risø
2006	Arbejdsmiljøkursus 37 timer, DA
2006-07	Management Course – The New Leader. CFL, Copenhagen
2009	Pedagogic course 1, SLU
2010	Course in formulation of evaluation criteria of students

Grants as principal scientist since 1990:

DKK/SEK per year

1990-1994	EU, The Commission (INCO programme):	300.000
1990	Superfoss (Equipment grant)	15.000
1992	Kemira Danmark (Equipment grant)	18.000
1993	Norsk Hydro (Isotopes)	25.000
1992-1995	Ministry of Agriculture (Sustainable agriculture)	400.000
1993	Kemira Danmark (Equipment grant)	50.000
1993-1996	Strategic Environmental Research programme 1 (Rootzone Centre)	350.000
1994-1997	Ministry of Agriculture (Research in organic farming)	390.000
1995	Kemira Danmark (Equipment grant)	30.000
1997-1999	Strategic Environmental Research Programme SMP (Centre for Research in Organic farming, programme I)	670.000
2000	Research Centre in Organic Farming	300.000
1996-1997	SMP (organic micro pollutants in sludge)	150.000
1998-2000	Strategic Environmental Research Programme 1997-00.	600.000
1997-2002	National Research Councils (Isotope mass spectrometers)	300.000
1999	The Danish Agricultural and Veterinary research council: START-project: Intercropping for European organic farming	83.000
2001-2003	Danish Research Centre for Organic Farming	700.000
2000	Velux Foundation – equipment grant	550.000
2003-2005	EU Commission – Quality of Life programme 5FP	975.000
2004-2008	EU Commission – Grain Legumes 6FP	550.000
2007-2010	DARCOF III–Bioenergy in organic farming–BioConcens	2.000.000
2007-2009	Regional funding for Bioresource Technology Potential	500.000
2007-2008	The Danish Bioresource potential, Engetofte and Søholt	150.000
2010-2012	Multifunctionality of perennial legumes, Ekhaga Stiftelsen	333.000
2010-2013	Optimizing precrop selection for grain legumes, SLF	400.000
2010-2011	CC-Design, writing of EU project proposal, FORMAS	90.000
2011-2013	Multifunctional cover crops for organic stockless cropping System, EkoForsk, SLU	560.000

2012-2014	Integrated production of renewable energy and strategic nutrient management in stockless organic farming systems, FORMAS	1.200.000
2011-2014	EU project Perennial grasses for marginal soils	1.200.000
2012-2015	Effect of reduced soil tillage on mitigation of climate change and N use, FORMAS	1.300.000
2013-2018	SITES Lönnstorp (VR)	1.000.000/years in 5 years
2014-2017	EU project Legumes for an agriculture of tomorrow	650.000/year in four years
2015-2017	Climate Change Adaptability of cropping and Farming systems for Europe FACCE-ERA-NET+ Climate Smart Agriculture (Formas)	1.000.000
2015-2017	Focus on the role of intercropping of legumes and cereals in food systems FORMAS:	1.000.000/year in 3 year
2017-2021	Horizon2020 – ReMIX - Redesigning European cropping systems based On species MIXtures.	900.000 SEK/year in four years.
2017-2022	Horizon2020-DiverIMPACTS Diversification through Rotation, Intercropping, Multiple Cropping, Promoted by Actors and Value Chains towards Sustainability.	800.000 SEK/year in five years.
2017-2020	FACCE/ERAGAS/Formas ResidueGas	900.000/år
2018-2022	SITES Lönnstorp, Vetenskapsrådet (VR)	1.3 mill/år

Referee of research proposals:

1995-2000	Danish Agricultural and Veterinary Research Council (SJVF) (40-50 research proposals per year)
1997-1999	Council for funding R&D in relation to food processing and marketing (“Bevillingsnævnet” in Ministry of Food Agriculture and Fisheries)
1998-	The National Advisory Council for Pesticide Research
1998-	Norwegian Research Council
2000	Swedish Research Council for Forest and Agricultural Research (SJFR)
2001	The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning and FORMAS- National research programme on organic farming
2001	ACIAR- Australian Centre for International Agricultural Research
2004	The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning and FORMAS- National research programme on organic farming
2004	EKO-forsk program på Sveriges Lantbruksuniversitet.
2009-2018	Scientific committee of The Ekhaga Foundation
2018-	International Center for Research in Organic Farming Systems ICROFS
2018-	EUREKA expert

Referee/editorial work:

1989-2001: Plant and Soil, consulting editor, min. 12 manuscripts per year.
2000: Guest editor of special volume of Plant and Soil: 10th N Workshop.
Since 1993: Soil Biology and Biochemistry, 3-8 manuscripts p.a.
Olesen, J., Eltun, R., Gooding, M.J., Jensen, E.S. and Kopke, U. (eds.) 1999. Designing and Testing crop rotations for organic farming. DARCOF report no. 1. 349 p.
1998-2001 Editor-in-Chief: Grain Legume Magazine
Jensen, E.S., Vejre, H., Højbjerg Bugel, S. Emanuelsson, J. 2002 Eds:

Visioner for fremtidens jordbrug (Visions for future food production and land management), Gads Forlag, ISBN-87-12-03782-6

2012- Member of editorial board: Challenges in Sustainability
<http://librelloph.com/ojs/index.php/challengesinsustainability/index>

2013- Member of editorial board: Organic farming
<http://www.librelloph.com/ojs/index.php/organicfarming/index>

2018- Advisory board member the journal SCI, MDPI.com

2018- Associate editor “Agronomy for sustainable development”.

Ad hoc referee:

Soil Science Society American Journal

Nature

Canadian Journal of Soil Science

Biological Agriculture and Horticulture

Soil Use and Management

Grass and Forage Science

Field Crops Research

Acta Agriculturae Scandinavica

Physiologia Plantarum

Agriculture, ecosystem and environment

Plant and Soil

Nutrient cycling in Agroecosystems

Agricultural and Food Science in Finland

Swedish Journal of Agricultural Research

Agronomie: Agriculture and Environment

European Journal of Agronomy

Renewable Energy

Agriculture, Ecosystem and Environment

Journal of Agricultural Science, Cambridge

Land Use Policy

Various scientific reports, books and proceedings

Funded research project co-ordination:

- 1989 -94: Co-ordinator of EEC International Scientific Co-operation Project: Evaluating the role of legume cover crops in the nitrogen nutrition of rubber (participants RRIM, Malaysia and Risø)
- 1993-97: Co-ordinator of project: Nitrogen fixation and cycling in clover-grass mixtures in organic farming systems (participants: KVL, DIAS, Risø)
- 1996-99: Co-ordinator of project I.2: Nitrogen fixation, recycling and leaching in organic farming systems, Research Centre for Organic farming, FØJO (Participants: DIAS, KVL, Risø)
- 2001-03: Co-ordinator of project I.5: Grain legumes and cereals – new production methods for improved protein supply in organic farming systems (Participants: KVL, DIAS, Risø)
- 2003-06 Coordinator of: Intercropping of grain legumes and cereals for European organic farming systems. EU Commission, Research Programme “Quality of life and management of living resources”. Participants (DK, F, I, D, UK)
- 2004-2008 Grain Legumes. Integrated project under FP6 Food safety. A total of 65 partner institutions. ESJ: Co-ordinator work package 2.1: Lower input farming (STREP size). Module leader module 2: Economic and environmental assessment. Member of the scientific committee and the governing board and PI.
- 2007-2010 Main applicant and coordinator and PI: DARCOF III–Bioenergy in organic farming–BioConcens. Risø DTU, AU-DJF, AU-DMU, KU-Life
- 2014-2017 PI, Workpackage leader and member of executive committee of Workpackage FP7 research project: Legumes for an agriculture of tomorrow LEGATO.
- 2015-2018 PI, Workpackage leader, ERANET/Formas, member of executive committee, FACCE-ERA-NET+ Climate Smart Agriculture, Climate Café.
- 2017-2021 PI, Workpackage leader of WP2 member of executive committee: Horizon 2020 project ReMIX.
- 2017-2022 PI, Deputy workpackage leader WP3 and member of executive committee: Horizon 2020 project DiverImpacts.
- 2017-2020 PI, Workpackage leader WP3 and member of executive committee: ERAGas project/Formas: ResidueGas.

Professional assignments, evaluations and committees

- 1988-89: Danish delegate in EEC-Research project/evaluation group under the Commission Programme: International Scientific Co-operation, Biological nitrogen fixation. Evaluations: South East Asia (Bangkok 1988), South America (Mexico City, 1989).
- 1989: External examiner in microbiology and opponent at Ph.D thesis: Tor Arvid Breland, Department of Microbiology, University of Agricultural Science in Aas, Norway.
- 1989-90: Representative in Section II of the National Crop Research Centre.

- 1991: IAEA Expert Mission. Consultant on the use of ¹⁵N in nitrogen fixation research, Enugu State University, Nigeria
- 1991-99: Danish delegate in board of Section I: Soil and Fertilization, Nordic Society of Agricultural Scientists, NJF.
- 1991: Member of evaluation committee for Ph.D.degree at Aalborg University Centre: S. O. Petersen: Decomposition of liquid organic wastes in soil.
- 1993-98: Appointed censor in Plant Nutrition and Crop Physiology at The Royal Veterinary and Agricultural University, Copenhagen.
- 1993: External member of evaluation committee for senior scientist position in Plant Nutrition, Danish Institute of Agricultural Sciences.
- 1994: Member of FAO project evaluation committee: "Development and demonstration of biofertilizers", New Delhi, India, 4-20 January 1994
- 1994: Opponent at Ph.D disputation at The Agricultural University of Sweden, Uppsala. Thesis: Erick Zagal, Dept. of Soil Sciences, SLU
- 1994-96: Project consultant IFS project on N₂ fixation in Pachyrhizus, Celaya, Mexico
- 1994-97: Project consultant on CONACYT project on nitrate leaching in Mexico
- 1994-97: Participant EU Concerted Action: The long-term reduction of nitrate leaching by cover crops.
- 1994: Opponent at Ph.D. thesis at Soil Fertility and Plant Nutrition, The Royal Veterinary and Agricultural University, Lars Stoumann Jensen.
- 1994: After application, declared qualified for position as Head of Research Department for Cereals, Seeds and Industrial Crops, Danish Institute of Plant and Soil Science.
- 1995: Opponent at Ph.D. thesis at RVAU: Soil Fertility and Plant Nutrition, Kristian Thorup-Kristensen
- 1995: Chairman and referee at International Symposium: Driven By Nature - Litter quality and decomposition, Wye, UK, September 1995.
- 1995-00 Appointed member of The Danish Agricultural and Veterinary Research Council (SJVF)
- 1995-00 Member of scientific board for The National Pesticide Research Programme
- 1995-00 National delegate in OECD-programme: Biological resource management for sustainable agricultural systems: Safe exploitation of microorganisms in plant/soil systems.
- 1996: Member of evaluation committee for position as research associate at Plant Nutrition, Department of Agricultural Science, RVAU

- 1996: Teacher at post-graduate course on nitrogen in the soil-plant-system at with special emphasis on nitrate, Umeå 15-19 April, 1996
- 1996: Appointed member of committee evaluating the Centre for Ecology and Environment at the Royal Veterinary and Agricultural University of Copenhagen
- 1996: Chairman at IFOAM Symposia: Nitrogen dynamics
- 1996: Appointed member of national committee to evaluate research needs at the Faeroe Islands
- 1996- Research consultant for projects on organic farming on Iceland
- 1996: Member of evaluation committee to appoint senior scientist at the Danish Institute of Plant and Soil Science, Foulum
- 1997: Evaluation of seven applicants for post-doc position at the Department of Soil Sciences, Agricultural University of Sweden/Uppsala
- 1997-01 Member of committee for Plant Growth Factors under The National Advisory Service and Danish Institute of Plant and Soil Science
- 1997-99 Appointed member of committee in The Ministry of Food, Agriculture and Fisheries for funding of developments and research in the food industry and agriculture, horticulture and forestry
- 1997: Opponent at Ph.D. thesis - Maria Wivstad , SLU, Uppsala.
- 1997: Chairman of evaluation-committee for senior scientist position in Research Centre Årslev, Danish Institute of Agricultural Sciences
- 1997-01 Appointed member of the Board of Danish Institute of Agricultural Sciences
- 1997: IAEA consultant regarding development of new methodology for indirect determination of N release from organic materials, Seibersdorf, June 1997.
- 1997-99 Member of NKJ (Nordic Contact board in Agricultural Research) group to review the research needs in relation to soil biology in sustainable land use.
- 1997-99 Member of NKJ (Nordic Contact in Agricultural Research) group to review the needs for Research in Circumpolar Agriculture and Forestry
- 1998-00 Member of the Advisory committee for Pesticide Research (Miljøstyrelsens Rådgivende Pesticidforskningsudvalg)
- 1998- Scientific board of the European Association for Grain Legume Research (AEP)
- 1999- Opponent Ph.D thesis: Annabelle Lhuillier-Soundele. INA-PG, Paris-Grignon, France
- 1999 Opponent Ph.D thesis: Isabelle Trinsoutrot. Universite Claude Bernard Lyon, France

- 1999-00 Member of advisory board for the EU 5 framework programme Action: Environment
- 1999-01 President for The European Association on Grain Legume Research
(www.grainlegumes.com)
- 1998 Member of Concerted Action 1998-2001 and Managing Committee for Legume Interactive Network: LINK
- 1999 Chairman of Centre for Ecology and Environment (CENVIR) at KVL. Center was closed 31.12.01.
- 1999 Member of evaluation committee for Ph.D project at The Laboratory of Plant Nutrition and Soil Fertility
- 1999 Member of evaluation committee for associate and assistant professor in Section of horticulture, Department of Agricultural Sciences, KVL
- 1999 Member of evaluation committee for senior advisor position in Department of Plant Biology, Danish Institute of Agricultural Sciences
- 1999 Member of evaluation committee for research professorship in soil fertility of organic farming systems, Department of Plant and Soil Science, Danish Institute of Agricultural Sciences.
- 1999 Member of evaluation committee for professorship in organic farming at Høgskolen i Hedmark in Norway.
- 1999 Member of expert group on knowledge synthesis: Nitrate leakage from organic and conventional cropping systems.
- 1999 Member of description committee for professorship in Agroecology at Department of Agricultural Sciences, KVL.
- 1999 Member of evaluation committee for post-graduate (Ph.D-grant) position at research Centre Flakkebjerg, Danish Institute of Agricultural Sciences.
- 2000 Member of expert panel for assessment of candidate for appointment as professor in Soil Fertility at Swedish University of Agricultural Sciences, Uppsala.
- 2000 Opponent and rapporteur at D.Sc. defence: Prof. Yves Crozat, ESA, University of Angers, France.
- 2000 External examiner for Ph.d. thesis: Dil Fayaz Khan, University of Melbourne, Australia
- 2000 Member of evaluation committee for senior scientist position in technology foresight at Risø National Laboratory, Roskilde, Denmark.
- 2000 Referee of Swedish Research Programme on Organic Farming launched by the Research Council (SJFR).

- 2000 Member of evaluation committee for Ph.D examination on: Biogas production in organic farming in Denmark (Kristian B. Salomonsen, DTU).
- 2000 Chairman for evaluation committee for Ph.D. Examination in agroecology: Common bunt in wheat – a challenge for the principles of ecological protection (Anders Borgen, KVL)
- 2001 Chairman for evaluation committee for Ph.D examination in plant nutrition/soil fertility: Improvements of maize based cropping systems in semi-arid Tanzania by the use of cowpea, water conservation and phosphorus application (Jens Vesteraager, KVL)
- 2001 Member of evaluation committee for position as associate professor in agroecology at Department of Agricultural Sciences, KVL.
- 2001 Chairman for evaluation committee for Ph.D examination in agroecology: (Lars Kristensen, KVL)
- 2001-03 Appointed member of the board (deputy chairman) of Danish Research Centre for Organic farming (DARCOF)
- 2001- Referee of Swedish Research Programme on Organic Farming (2002-2004) launched by the Swedish Research Council (FORMAS)
- 2001 Member of assessment committee for professorship in Agroecology at Helsinki University
- 2001-03 Member of the scientific advisory board for the Research School for Organic farming and food systems at KVL.
- 2001- Appointed external examiner at Aarhus University
- 2001- Referee for ACIAR projects
- 2001-03 Past-president European Association of Grain Legume Research (AEP)
- 2002 Member of the international expert committee for The Royal Green Food Award
- 2002-03 Member of the Board – Department of Agricultural Sciences, KVL
- 2002 Opponent for PhD thesis Anne-Sophie Voisin, Universite de Bourgogne/INRA, France.
- 2002 Appointed (Ministry of Science and Technology) member of expert group of research in organic agriculture in EU.
- 2002 Chairman of evaluation committee for Ph.D examination in soil fertility: Jesper Luxhøi, KVL)
- 2002 Opponent of D.Sc. thesis Dr. Christophe Salon, University of Bourgogne, Dijon, France.
- 2003 Member of evaluation committee for Centre of Sustainable Agriculture (CUL) at Swedish Agricultural University, Ultuna, Uppsala.

- 2003 Member of evaluation committee for ph.d. thesis Jochen Mayer, Witzenhausen, Kassel,
- 2003 Evaluator for senior professorship CSIRO, Plant Industry, Australia.
- 2003 Evaluator of research section URLEG at INRA Dijon, France.
- 2003 Member of two evaluation committees for Ph.d. scholarships at SOAR research school at KVL.
- 2003 Member of evaluation committee for scientist position at Research Centre Flakkebjerg, DIAS.
- 2003 Evaluation of research proposal for The Norwegian Research Council.
- 2003-4 Member of evaluation committee for professorship in crop production science at SLU, Sweden.
- 2003 Opponent at Ph.d. examination Goran Bergquist, SLU, Sverige
- 2003 Expert witness on organic farming, Stockholm Courthouse.
- 2003 Evaluator of applicants for position as head of Danish Research Centre for Organic farming.
- 2004 Research project reviewer FORMAS Sverige: Forskningsprogram: Ekologisk Landbrug.
- 2004 Research project reviewer: EKOforsk ved SLU, Sverige
- 2004- Appointed censor KVL.
- 2005 Opponent at Ph.D. examination for Dorte Bodin Dresbøll. Optimisation of growing media for organic greenhouse production. KVL, December 2004.
- 2005 Expert witness in the Stockholm marketing court regarding organic food production and nitrate leaching.
- 2005 Evaluation of research scientist level 8.3 (head of School or dean) CSIRO Plant Industry, New South Wales, Australia.
- 2005-08 Appointed member of the board of Danish Research Centre for Organic farming (DARCOF)
- 2005 Coordinator of description of an "Innovation accelerating research platform" regarding Biorefinery.
- 2005 Chairman of coordination group for Bioenergy at research center Risø.
- 2005 Member of Elsam-Risø working group for implementation strategy for the VEnzin vision.
- 2005 Opponent for ph.d. thesis: Guanelle Corre-Hellou, Angers, France
- 2005- Management member of the collaboration committee for Risø National Laboratorium

(ASU)

- 2006-09 Chairman of coordination group for bioenergy at Risø national Laboratory (scientist from four departments)
- 2006-10 Appointed examiner engineer educations, DK. Ministry of Science, Technology, and Innovation.
- 2006 Evaluator of docent at Swedish University of Agricultural Science, Umeå.
- 2005-6 Steering group member for national strategy on non-food and feed.
- 2005-6 Chairman of working group “Bioenergy” in national strategy on non-food and feed
- 2006 Member of evaluation committee for Ph.d.-project Aurelie Vocanson, INA-PG France.
- 2006 Member of evaluation committee for Ph.D.-project Ahmed Hamdy Aly El-Naggar, KU-Life.
- 2007-08 Member of coordination group for fuel cells and hydrogen at Risø National Laboratory
- 2008 Chairman National Conference on biomass and local energy production – Risø DTU 30 April 2008.
- 2008-09 Member of board Innovation Centre for Bioenergy and Environmental Technology (CBMI)
- 2008-09 Member of coordination group for innovation at Risø DTU
- 2008 Opponent at PhD Thesis Francisco Salmeron Miranda, SLU, Sweden.
- 2009-18 Member of the scientific committee of the Ekhaga foundation
- 2009 Opponent PhD thesis Laurent Bedoussac, University of Toulouse, France
- 2009 Opponent PhD thesis Christophe Naudin, University of Angers, France.
- 2010-2014 Member of the Steering committee for Future Agriculture, A strategic programme for Interdisciplinary Future Agricultural Research at SLU.
- 2011-> Member of the board of Fältforsk, SLU organization for field experimentation
- 2011 International accreditation committee for the Lithuanian BSc and MSc educations in agronomy.
- 2012 Reviewer Qatar National Research Council.
- 2012 Invited guest professor by Ecole Nationale Superior Agriculture de Toulouse (ENSAT) and Institute Nationale Recherche Agronomie (INRA) in Toulouse for the month of June
- 2012 Evaluation of INRA Division “Science for Action and Development” (SAD), Paris 21-22

May 2012

- 2012 Evaluator of applicants for position as university lecturer in Agroecology, Örebro Universitet
- 2012-14 Alternate member of the board Rappe- von Schmitterlöwska Stiftelsen
- 2013 Member of evaluation committee for professorship in nutrient cycling at Århus University, Denmark
- 2013> Member of the Researchers Council (FOR) at SLU
- 2013> Member of the Department Board in Biosystems and Technology Department
- 2013 Member of accreditation/evaluation committee (ACE Denmark) for two educations at Århus University, Denmark: MSc in Agrobiological and MSc Agri-environmental management
- 2013> Member of KSLA committee to evaluate international Wallenberg Guest professorships
- 2013 Evaluation of professor at University of California, Davis for high level advancement
- 2013 Coordinating response to the Swedish Agricultural Council on SLU response for development plans for organic farming in Sweden
- 2014-2017 Member of the board of Swedish University of Agricultural Sciences elected representative by researchers and teachers.
- 2014 Member of SLU committee to propose new MSc programme in Sustainable Soil and Water Management
- 2014 Member of PhD evaluation committee, Linnea Asplund, VPE, SLU
- 2014 Member of the SLU committee: Research platform cropping systems science
- 2014 Member of PhD evaluation committee, Kristina Belfrage, Stad och Land, SLU
- 2014 Opponent (rapporteur) and member of evaluation committee for PhD Helene Tribouillois, Université de Toulouse, France, 4 December 2014.
- 2015 Opponent of PhD thesis Xiaoxi Li, Århus University, Foulum 18-08-2015
- 2015 Member of SLU group for formulating SLU strategy for food
- 2015-2016 President scientific and technical committee on The first francophone meeting on legumes (RFL1), France.
- 2016 Opponent of PhD thesis Randi Berland Førseth, NMBU, Ås Norway.
- 2016 Opponent of PhD thesis by Yang You, Wageningen UR, The Netherlands

- 2016 Member of PhD evaluation Committee, SOL, Tadesse Amera, November 2016
- 2017-> Station manager and PI SITES Lönnstorp
- 2018-> External examiner Roskilde University, Denmark
- 2018-> External examiner Copenhagen University, Denmark

Organisation of international scientific conferences and workshops:

- 1988: Member of organising committee, referee and chairman at ISWA and DAKOFA specialised seminar: Nitrogen in organic wastes applied to soils, Ålborg, Denmark.
- 1992: Chairman of organizing committee of NJF seminar on: The role of biological nitrogen fixation in agro-ecosystems, Risø, Roskilde, 1994.
- 1994: Member of organising committee and chairman at NJF-seminar 245 on: The use of catch and cover crops to reduce leaching and erosion, Knivsta, Sweden, 3-4 October
- 1998 Member of NKJ (Nordic Contact-Committee in Agricultural Research) organising committee and chairman in workshop on: Soil biology in relation to sustainable land use
- 1998-99: Member of the scientific committee of Workshop on Designing and Testing Crop Rotations for Organic farming, Research Centre for organic farming, Borris 1999.
- 1998-99: Member of the organising and scientific committee of the 10th Nitrogen Workshop to be held in Copenhagen, August 1999
- 1999-01: Member of the organising committee for the 5th AEP Conference to be held in Poland 2001
- 2000-01: Member of the scientific committee of the 11th Nitrogen Workshop to be held in Reims, France, 2001.
- 2002 Co-organiser of Workshop: Towards European expertise on management of cropping systems including legumes, AEP-LINK, Strasbourg 27-28 September 2002.
- 2003 Organising committee The Bertebo Conference 2003: Ecosystem services in European agriculture. Theory and practice. September 2003.
- 2003 Workshop facilitator –DARCOF workshop – Integrity in organic farming and research – workshop – Nutrients, soil and fertilizers.
- 2004 Workshop co-organiser on: Intercropping and cropping systems research. Conference of European Society of Agronomy, July 2004.
- 2004 Organiser of thematic workshop on: Novel uses of grain legumes – incl. rawmaterials for biofuel. % AEP conference on Grain legumes, Dijon, June 2004.

- 2004 Member of organizing committee for meeting i the Agricultural Council: Value-generation from biomass, Axelborg May 2004.
- 2005 Member of the organizing committee and chairman of session at the Risø International Energy Conference 2005.
- 2005 Member of the organizing committee for international conference on Organic farming in 2006 in Denmark.
- 2005 Organizer of roundtable on energy in organic agriculture at the Ifoam Conference in Adelaide, Australia.
- 2006 Organizer and chairman of workshop: Perspectives for intercropping in organic farming in Europe. 31 May 2006. Odense 30-31 May 2006, European Conference on research in Organic farming.
- 2006 Co-organizer of ISOFAR Workshop Self-reliance on energy in organic farming - is it feasible? Odense 1. September 2006
- 2006 Moderator of workshop within intercropping and agroforestry at the IX ESA Conference in WARSAW, September 2006.
- 2007 Grain Legumes Integrated Project – Organizer Module 1 and 2 meeting, Freising, Germany, April 2007
- 2007 Member of the organizing committee for the Risø International Energy Conference 2007.
- 2007 Member of the scientific committee for the Conference: Integrated legume biology for sustainable agriculture. Lisbon, November 2007.
- 2007 Member of the scientific committee for the Biofuel Assessment Conference and Workshop, Copenhagen June 4-5 2007.
- 2007 Organizer and moderator of workshops on: 1) Legumes for sustainable biofuel production and 2) Intercropping. Integrated legume biology for sustainable agriculture. Lisbon, November 2007.
- 2009 Member of local committee and chairman at Risø DTU Workshop Renewable Energy : How ambitious can we be in contributing to the worlds needs with wind, solar and bioenergy? Copenhagen 14-15 January 2009.
- 2011 Organizer of workshop on a platform for cropping systems research at SLU, 12. January 2011, SLU Alnarp, Sweden
- 2011 Co-organizer of workshop for a legume research network at SLU – LegSA, 18. January 2011, Arlanda, Sweden
- 2011 Co-organizer on Future Agriculture Workshop on Reducing the environmental impacts

and mitigating climate change due to agriculture, SLU Ultuna, 21. January 2011.

- 2011 Co-organizer workshop on Cropping systems research for the future, SLU Alnarp, 27. April 2011.
- 2013 Co-organizer and moderator of symposium on the interactions between the city of Roskilde, Denmark, the business sector and Roskilde University, Roskilde Universitet, 6 June 2013.
- 2014 Co-organizer and moderator of international workshop on the Swedish Agroecological Field Experimental Platform (SAFE) as a future Swedish ecological research infrastructure in SITES). Rosenberg Hotel, Stockholm, January 29-31, 2014.
- 2014 Co-organizer of international SITES workshop on: Research questions, and required SITES infrastructure, for research on functional biodiversity of ecosystems future Swedish ecological research infrastructure in SITES. KSLA, Stockholm December 2012.
- 2015 Co-Organizer and moderator of SLU workshop on cropping and forestry systems at Krusenberg, 19-21 January 2015
- 2016 President for the Scientific Committee of the First Francophone Conference on Pulses, Dijon, France, 31 May – 1 June 2016.
- 2017 Member of organizing and scientific committee, LEGATO-EUROLEGUME International Conference, 27-28 September, Novi Sad, Serbia.
- 2017 Member of the organizing committee of the Third Swedish Agroforestry Conference, Alnarp, November 16-17. <https://tcs.video.slu.se/tcs/?id=FD9C6F1C-1A93-4F8F-B219-28C20F9C60B6>
- 2017 Workshop moderator Agroecology Europe First Forum, ISARA 25-27 October, Lyon, France.
- 2018 Organizing committee Bertebo 2018 Conference in Falkenberg, Sweden

Teaching and supervision

B.Sc.projects:

- 2000 Anette Mørkeberg. Effects from intercropping of pea and barley on the contents of proteins and bioactive molecules in the seed
- 2002 Lisbeth Dahlmann-Hansen, Faba bean in ridges (co-supervised by F. Vinther, DIAS)
- 2002 Sophie Tehard, Angers, France, Root dynamics in lentil –barley intercrops.
- 2010 Nilsson, Carina Odling af trindsäd for human ernäring i Sverige, Examensarbete Trädgårdsingenjörprogrammet
- 2010 Öman, Amanda. Hur minimeras kväveutlackning I gröntsaksodlingar. Examensarbete Trädgårdsingenjörprogrammet
- 2012 Norén, Kajsa, Samodling som redskap i odlingssystem, Examens arbete på Trädgårdsingenjörprogrammet.

M.Sc.projects:

- 1983-84: M. Lundbye and N.E.v.Freisleben. The pea-*Rhizobium* symbiosis as a ecotoxiological test. Laboratory of Ecology and Environmental Science, The Danish Technical University
- 1985-86: Kristian Thorup Kristensen. Influence of pea cultivar in mixed cropping of pea and barley. Department of Plant Production, The Royal Veterinary and Agricultural University, Copenhagen.
- 1988-89: Anette Eckholdt. The pea leaf weevil as a pest in peas. Zoological Institute, The Royal Veterinary and Agricultural University.
- 1989-90: Søren Kjær. Biological nitrogen fixation by *Pachyrhizus* spp. Department of Plant Nutrition, The Royal Veterinary and Agricultural University
- 1992-93: Henning Høgh Jensen. Measurement of nitrogen fixation in clover-grass mixtures using natural ¹⁵N abundance and enrichment methods. Department of Plant Nutrition (RVAU)
- 1993: Birgitte Kudahl Jensen. Decomposition of ¹⁵N-labelled ryegrass in soils from a long-term field experiment with different manure strategies. Department of Plant Nutrition (RVAU)
- 1993-94: Jan Pedersen. Feeding Ecology of Geese at Risø. Institute of Ecological Botany, University of Copenhagen
- 1993-94: Susanne Østerby og Jens M Vesterager. Department of Plant Nutrition, RVAU. Biological nitrogen fixation and turnover of plant residues during cultivation of the legume cover crop *Pueraria phaseoloides*.
- 1996 Lars Kelstrup: Nitrogen fixation in peas, lupins and lentils, Dept. of Soil. Science, Agricultural University of Copenhagen (RVAU)
- 1998 Florent Germon: Rhizodeposition of N by pea as affected by drought stress. Ecole Superior Agriculture, Angers, France
- 2000 Morten Jensen, IRRI Philippines: Integrated nutrient management in Nepal (RVAU)
- 2000 Eva Tine Nissen, Effect of joint grazing of heifers and sows on white clover, DJF
- 2001 Natalia Bellostas Muguerza (University of Pamplona, Spain). Allelopathy and interspecific competition in intercrops during early growth stages (RVAU).
- 2001 Marie Trydeman Knudsen, Intercropping spring barley and grain legumes in organic farming systems (RVAU)
- 2001 Mikel Sarasua Larranaga, Intercropping fababean with pea, barley and rape (RVAU)
- 2003 Heidi Ravnborg, Intercropping of grain legume species (RVAU)
- 2003 Jakob Nikolajsen, Effects of intercropping on protein production and weed management in intercrops of pea, lupine and barley.(RVAU)
- 2003 Bhim Bahadur Ghaley, Dynamics of pea-wheat intercropping (RVAU)
- 2005 Lars Holdensen, Markvariation i symbiotisk kvælstoffiksering.(RVAU)
- 2012 Md. Rafique Ahasan Chawdhery, Project: "The effects of nitrogen fertilizer rates on dry matter and nitrogen accumulation in an oil radish (*Raphanus sativus* L.) cover crop in a long-term reduced tillage cropping system, MSc Agroecology, SLU
- 2013 Esmaeil Echreshavi, Project: "Comparison of soil carbon stocks in two cropping systems as affected by nitrogen application levels", MSc in Agroecology, Swedish University of Agricultural Sciences.
- 2013 Sameer Younes Potentials of Cropping Systems' Diversification in North-East Syria, for Enhanced Sustainability in Farming Systems, MSc thesis in Agroecology, SLU
- 2015 Stephanie Uzamukunda. Improving the existing farming systems towards a climate smart agriculture in Musanze district of Rwanda. Agroecology, SLU

- 2016 Johannes Ernstberger
- 2016 Mohammed Raseduzzeman.

Ph.D. projects

- 1988-91: Finn Berthelsen. The effects of different plant species on denitrification in agricultural soils. University of Copenhagen and Risø.
- 1990-93: Peter Sørensen. Turnover organic N from farmyard manure in soil. The Royal Veterinary and Agricultural University and Risø.
- 1989-92: Anders Johansen. Role of VAM in N uptake by plants (co-supervisor)
- 1990-93: Birgitte Kjær. Genetic variation in nutrient accumulation in spring barley lines (co-supervisor)
- 1993-96: Henning Høgh-Jensen. Department of Plant Nutrition, RVAU. Symbiotic nitrogen fixation in ecological cultivated clover grass fields (co-supervisor)
- 1994-96 Finn B.V Jørgensen. Section of Plant Nutrition. Symbiotic nitrogen fixation in ecological cultivated clover-grass fields
- 1998-2000 Henrik Hauggaard-Nielsen. Competition and resource use by multispecies mixtures of annual crops
- 1998-2000 Christian Bugge Henriksen. Soil tillage in organic farming systems, Agroecology, KVL (cosupervisor)
- 1998-2001 Jochen Mayer, University of Kassel, Witzenhausen, Role of root and above-ground crop residues in carbon and nitrogen cycling of soils (co-supervisor)
- 2000-2003 Rene Gislum, Precision supply of fertilizer N in grass for seed production, DIAS (co-supervisor)
- 1999-2002 Anne-Sophie Voisin, INRA, Dijon, France, Nitrogen fixation in pea and the partitioning of total N during the growth of the plant (co-supervisor).
- 2000-2004 Kamma Westergaard, Nature aspects of organic farming, Agroecology, KVL
- 2000-2005 Mette Klindt Andersen, Crop diversity in organic farming systems
- 2004-2007 Jim Jul Rasmussen Omsætningsprocesser i flerårige kløvergræsmarker (co-supervisor)
- 2004-2008 Stephanie Mahieu, ESA Angers, Rhizodeposition of N (co-supervisor)
- 2005-2009 Carina Lomborg, Ålborg University, NIR methods for process control (co-supervisor)
- 2010-2013 Joakim Ekelöf, Phosphor use efficiency in potato production, SLU
- 2011-2017 Tora Råberg, Integrating biogas production and strategic nutrient management in organic farming, SLU
- 2013-2017 Sofia Hydbom Lunds Universitet, (Co-supervisor)
- 2016-2020 Carolina Rodriques

Teaching at basic courses:

Teaching at several courses at various levels, including courses for post-graduate students.

- 1988- 2000 External lecturer at KVL in courses: Plant Biochemistry, Alternative agricultural methods, Advances in Plant Nutrition.
- 2000-2003 Lectures in Crop Science, Introduction to Organic farming, Ecological agriculture, Organic farming, and Crop Science, RVAU
- SLU
- 2010-> Main teacher/examiner: Ecology of production systems, Master programme in Agroecology, SLU Alnarp, Introductory lectures in Agroecology.
- 2010-> Lecturer and examiner (since 2017) in: Växtodling 1, Lectures in: Dynamic vegetation designs,

- Lectures in: Cropping systems in horticultural companies
- 2012-> Examiner/lecturer course in: Sustainable soil management in agroecosystems
Examiner/lecturer course in: Sustainable production systems in a global perspective
- 2012-> Lecturer in: Organic production in horticultural and horticultural systems.
- 2013-> Lecturer and examiner in: Sustainable production systems in an international perspective.
- 2017-> Course responsible for MSc thesis course in Agroecology
- 2017 Training course LEGATO-Eurolegume, Zaragoza November 2017

Teaching and organizing PhD courses after 2009:

Legumes: Plant-soil interactions and agricultural applications, SLU Umeå. 12-16 October 2009 – 3 lectures.

Organic Food and Farming Systems: possible roles in mitigating and adapting to climate change, NOVA, Ishøj 5-10 June 2011. Organization and main teacher.

Sustainability assessment in food and farming systems – conventional, organic and beyond. NOVA, Ishøj 10-14 September 2012. Organization and main teacher

Preliminary Course Schedule: Understanding, assessing and improving Ecosystem Services in Global North and South – focus on agro-ecological farming system development. NOVA PhD course Ishøj 2-7 June 2013. Organization and main teacher.

July 2013 International summerschool in agroecology (ISSAE), Toulouse, France, July 8-12, 2013. Invited teacher.

November 2013. Future challenges in applied ecology. Invited lecturer and teacher.

July 2014 International summerschool in agroecology (ISSAE), Toulouse, France, July 9-13, 2014. Invited teacher.

June 2016. International summerschool in Agroecology (ISSAE), Alnarp, Co-organizer, lecturer and teacher.

Teachers exchange

Warsaw University, May 9-10 2013. Teaching on sustainable and organic agriculture and ecosystems services for food and environmental science students.

ENSAT Toulouse, July 2013, July 2014. Teaching in ISSAE Summerschool 2013 and 2014

Training or visiting scientists:

Training of IAEA fellows and visiting scientists in the use and analysis of stable isotopes.

1987: Dr. Pichit Pongsakul, Banghen, Bangkok.

1989: Dr. Mohd Noor Sudin, RRIM, Kuala Lumpur, Malaysia

1991-92 Dr. A. Ikram, RRIM, Kuala Lumpur, Malaysia

1993: Dr. Juan Jose Pena Cabriales, Irapuato, Mexico

1999: Dr. Anne Aveline, ESA, Angers, France

2017-18: Prof. Nianyuan Jiao, Henan China

Exhibitions:

Jensen, E. S. and Jakobsen, O.S. 1989-90. Nitrate leaching from agricultural soils as influenced by soil type and cultivation. Experimentarium, Copenhagen.

Haugaard-Nielsen, H. and Jensen, E.S. 2007. Bioenergi til transportsektorten. Forsknings Døgn, Roskilde 27-28 april 2007.

Interviews radio and published in magazines/journals:

- 8.57/30/03/2000 Danmarks Erhvervsradio (www.krak.dk): Forskningsprofessor Erik Steen Jensen: Økologi i luften i fremtidens økologiske landbrug.
- Successen afhænger af den økologiske forskning. Teknologi Debat 1, 16'-17, 1999
- Økologi i luften: Frederiksborg Amts avis, 23 marts 2000.
- Marker med indbygget madfabrik. Miljøforskning 48, 18-20. 2001
- Sådan dyrkes markerne om 25 år. Dagbladet Roskilde Tidende, 13 august 2002.
- Selv professoren er tidsbegrænset ansat. AC debat, august 2002.
- Ugens aktuelle gæst i Roskilde Lokalradio. Sa7 julimtale om økologisk jordbrug og Berteboprisen 2003. 30 min. Februar 2003.
- Visioner for fremtidens jordbrug. Interview i programmet. Læst og påskrevet. Danmark Radio P1, 30 min. 12 marts 2003.
- Jordbrukets produktion måske minskes – for miljøens skull. Hallands Nyheter 16/9. 2003. Interview.
- Bilerne skal køre på Biosprit, Interview Roskilde Tidende, Berlingske Tidende, MetroExpress, Urban, mfl.
- Viden Om: Biosprit til transportsektoren. Gæst i TV-studiet hos Anja Philip, DR2. 8. marts 2005.
- Øko-forsker i svensk retssal. Interview til avisen Økologisk Jordbrug vedr. retssag i Sverige, april 2005
- Danmarks for indklages for EU-domstol for manglende opfyldelse af EU mål om 2% biobrændstof i transportsektoren. 5 min Interview i P1 Morgen d. 7 juli 2005.
- Interview I Radioavisen P3, 19. april 2006 kl. 12. Bioethanol i Danmark.
- Bioethanol –Interview til Erhvervsbladet, august 2006.
- Interview Køge radio kl. 7.30. d. 20.april 2006. Bioethanol produktion i Danmark.
- Interview Dagbladet Roskilde Tidende og Frederiksborg Amtsavis, d. 21.april 2006. Bioraffinaderier i Danmark til biobrændstoffer mm. <http://www.skoleduel.dk/Videncentret/Film/Erik%20Steen%20Jensen.aspx>. Film om Bioenergi
- OK- magasinet – Bioenergi. November 2006.
- TV2-News Indslag-interview i nyhederne 11. januar om bioethanol og flexifuel biler.
- DR Nyhederne 12. januar m bioethanol og flexifuel biler.
- DTL Magazine, Interview Biobrændstof – vidundermiddel eller? Maj 2007-05-24
- FOCUS, The Danish Export council: Interview Biofuel production, Spring 2007.
- Høring Biomassens veje og vildveje:
- Interview med portugisisk TV om bælgplanternes rolle i europæisk jordbrug. 17. november 2007
- Interview i Radio Næstved – 2. Generations bioethanol – Risø DTU og Dong samarbejdet. 6. januar 2008.
- Interview i Sydsvenska Dagbladet 13 Maj. 2009, Ny professor på SLU Alnarp
- Interview Skånskan Dagbladet, 15 maj 2009. Ny professor på SLU
- Interview Råd Rön. 2009. Ekomat – klimatbov eller miljöräddare?. No 9, 45- 47.
- Miljöaktuellt. 2009.
- Krav 2010
- 27 Juni 2010 – Sydsvenskan – Hållbart eller osmart med ekomat? Interview
- 28 marts 2016 Radioprogrammet DR Natursyn: <http://www.dr.dk/p1/natursyn/natursyn-laenge-lev-landbruget> 45 mins interview om fremtidens landbrug.
- SVR Malmö 2017
- Landbrugsnytt Video 2017

Other appointments:

1986-1987 Co-ordinator for the Plant Nutrition Research group at Risø.

1989-98 Representative for members of The Society for Danish Agricultural Masters employed at Risø.
1987-2002 member of the board of The Society for Ph.D.'s from the Royal Veterinary and Agricultural University.

Visits and study tours:

1980: Department of Microbiology, University of Wageningen, Holland.
1980: John Innes Institute, Norwich, England.
1980: Rothamsted Experimental Station, Harpenden, England.
1980: ARC Unit of Nitrogen fixation Research, Sussex, England.
1980: Long Ashton Experimental Station, Bristol, England.
1983: Institute of Biochemistry and Plant Physiology, INRA, Montpellier, France.
1985: Department of Range Science, Davis, California, USA.
1985: Soil-Plant Nitrogen Research Unit, Fort Collins, Colorado, USA.
1985: Department of Agronomy and Plant Genetics, St. Paul, Minnesota, USA.
1985: Nitragin Company Inc., Milwaukee, Wisconsin, USA.
1985: Department of Agronomy, Urbana, Illinois, USA.
1987: Finnigan MAT, Bremen, Germany.
1988: Department of Microbiology, University of Chaing Mai, Thailand.
1988: Department of Agriculture, Soil Science, Division, Bangkok, Thailand.
1989: Department of Biotechnology, Irapuato, Mexico.
1990: The Rubber Research Institute of Malaysia, Kuala Lumpur, Malaysia.
1990: Department of Soil Science, Ultuna, Uppsala, Sweden.
1991: Department of Soil Science, Anambra State University of Technology, Enugu, Nigeria
1993: The Rubber Research Institute of Malaysia, Kuala Lumpur, Malaysia
1994: Department of Soil Microbiology and BNF, CINVESTAV and Campo Bajio Experimental Station, Celaya, Mexico.
1996: Station D'agronomie, INRA, Laon, France
1998: Ecole Supérieure Agriculture, Angers, France
1998: Station D'agronomie, INRA, Laon, France
1999: Wageningen Agricultural University and AB-DLO, Holland
2000: SAC and The Roslin Institute, Scotland, UK
2001: Witzenhausen, University of Kassel, Germany
2002: University of Western Australia Perth, Department of Soil Science and CLIMA
2002: New South Wales Agriculture, Wagga Wagga, Orange, and Tamworth
2002: CSIRO Plant Industry, Canberra, Australia
2012: INRA-Toulouse/ENSAT, VASCO team, the month of June 2012, Invited guest professor
2013: Warsaw University of Life Sciences – Erasmus teacher exchange 9-10 May

Participation in congresses and symposia:

First International Symposium on Genetic Aspect on Plant Mineral Nutrition, Beograd, October 1982
EEC-workshop on Measurement of Symbiotic Nitrogen Fixation in the Field, Risø, November 1982
EEC-workshop on Legumes in Tillage Systems, Toulouse, June 1983
OECD-workshop on Interaction between Carbon dioxide and Nitrogen assimilation in Higher Plants, Zürich, September 1983
40th Easter School in Agricultural Science, The Pea Crop, A Basis for Improvement, Nottingham, April 1984.
NJF-seminar om Ærterdyrkning, Uppsala, April 1984
6th International Symposium on Nitrogen Fixation, Oregon, August 1985
EEC-workshop on *Vicia faba* Cultivation, Breeding and Nitrogen Fixation, Göttingen, July 1986
Ecology of Arable Land - The role of micro-organisms in nitrogen cycling. Perspectives and challenges.

International Symposium at The Swedish University of Agricultural Sciences, Uppsala, 9-12 June 1987.

Third Meeting of The NW-European Study Group on Assessment of N-fertilizer requirement held at Tüne, 23-26 June 1987.

ASEAN-EEC-workshop on Biological N₂ fixation research, Bangkok, 22-26 May 1988.

ISWA and DAKOFA specialised seminar: Nitrogen in organic waste applied to soils. Ålborg, October 1988.

Latin American-EEC-workshop on Biological N₂ fixation research, Guanajuato, Mexico, 23-26 January 1989.

NJF-seminar on Soil Organic Matter and Decomposition, Tüne, 11-13 June 1989.

International symposium on the use of stable isotopes in plant nutrition, soil fertility, and environmental studies. IAEA/FAO, Vienna, 1-5 October 1990.

NJF-seminar Trindsædsodling. Uppsala, 15-17 October 1990.

NJF 19. Congress 17-20 June 1991, Uppsala.

COST 810 workshop on: The use of ¹⁵N methodology in studies on the role of VA mycorrhizas in N cycling, Risø 5-6 December 1991.

7th Soil Nitrogen Workshop, Edinburgh, June 1992.

Workshop on Nitrogen Leaching in Ecological Agriculture, RVAU, October 1993.

NJF-seminar: Biological Nitrogen Fixation in Scandinavian Agriculture, Risø, Roskilde 26-28 May 1994

15th International Soil Science Society Conference, Acapulco, Mexico, 10-16 July, 1994.

NJF symposium: The use of catch or cover crops to reduce leaching and erosion. Knivsta, Sweden, 3-4 October 1994.

EC-workshop: Soil Nitrogen Immobilisation, Aberdeen 2-3 November 1994.

NJF-Congress: XX Nordiskt lantbruk i det nya Europa 26-29 juni 1995, Reykjavik.

X Nordic meeting on Biological Nitrogen fixation 30 June-1 July 1995, Reykjavik.

Driven by Nature - Litter Quality and Decomposition, International Symposium, Wye, England 17-20 September 1995.

9th Soil Nitrogen Workshop, Braunschweig, Germany 1996

Long-term effects of catch crops on nitrate leaching, Gumpenstein, Austria, November 1996.

11th World Fertilizer Congress 7-13 September, 1997, Gent, Belgium

Third meeting in the EU-Concerted Action: The Long-term effects of catch crops on nitrate leaching, Southwell, UK, October 1997

NKJ-Workshop: Soil Biology in Relation to Sustainable Land Use, Uppsala 15-16 January 1998,

OECD- Workshop Global Scale Issues, Mega Science Forum, Stockholm, March 1998

16th ISSS World Congress on Soil Science, Montpellier 20-26 August 1998

3th Conference of the European Assoc. of Grain Legume Research (AEP), Valladolid Nov. 98, Spain

The Royal Swedish Agricultural Academy, Nitrogen in the Environment, Stockholm April, 1999

The 10th N Workshop, Copenhagen, August, 1999

Workshop on Organic Crop Rotations, DARCOF, Borris, Denmark. June 1999

Feed Workshop in the LINK Concerted Action, Bruxelles, January 2000

LINK Second General Meeting, Paris, March 2000

International Symposium on Nuclear Techniques in Integrated Plant Nutrient, Water and Soil Management, IAEA, Vienna 16-20 October 2000.

Økologisk Landbruk – Innovasjon 2000, Høgskolan i Hedmark, Hamar 25. oktober, 2000

FAO Technical Expert meeting on Increasing the Use of Biological nitrogen fixation (BNF) in agriculture, 13-15 march, Rome

LINK Third General Meeting, Bologna, April 2001

4th Conference of the European Assoc. of Grain Legume Research (AEP), Krakow, July 2001, Poland

11th Workshop on Soil Nitrogen, Reims France, September 2001

LINK Press Conference Grain Legumes and Human Health, Madrid April, 2002.

Organic farming in Europe. Seminar in EU Commission DG Research, 24-25 October 2002.

Grain legumes for a sustainable European agriculture. LINK-AEP Dissemination event, Strasbourg, September 2002.

3rd Australian Organic Agricultural Symposium, Perth, Western Australia, 12 October 2002.

NJF's 22nd Congress. Nordic Agriculture in Global perspective, July 1-4, 2003, Turku, Finland.

Bertebo Conference. Ecosystem Services in European Agriculture: Theory and practise. Falkenberg, Sweden, September 2003.

Integrity in organic farming – and in research, DARCOF Workshop December 2003, Foulum

Grain Legumes – Kick of meeting, 10-14 February 2004, Alicante

5th European Conference on Grain Legumes, Dijon June 2004.

VIII European Society of Agronomy Congress, Copenhagen July 2004.

SUSVAR Cost 860, Focus finding Workshop, Witzenhausen, Germany , 11-13 October 2004.

Risø International Energy Conference, 23-25 May 2005, Risø

1. International Workshop for Biorefinery 21-22 July 2005, Washington USA.

First Scientific Conference of the International Society of Organic Agricultural Research (ISO FAR), 21-23 Sept. 2005. Adelaide, Australien.

European Conference on Organic Farming. 30-31 May 2006 Odense, Denmark.

IX European Agronomic Society Congress, 4-6 September 2006, Warsaw, Poland

Fuelling the Future, German Presidency Conference, Nuremberg 5-6 March 2007.

EUROCROP workshop: Grain Legumes, Paris 15-16. March 2007.

Standing Committee on Organic farming in Europe, Bruxelles 12. March 2007.

Risø International Energy Conference, 22-24 May 2007, Risø Denmark

Biofuel assessment – Conference and Workshop – Modelling global land and social implications in the sustainability assessment of biofuels, Copenhagen 4-5 June, 2007.

6th European Conference on grain Legumes: Integrated legume biology for sustainable agriculture. Lisbon, November 2007.

Sustainable cropping systems. Seminar The Royal Agricultural and Forestry Academy, Sweden, Stockholm 22. April 2008.

AgSAP conference on integrated assessment of cropping systems and sustainable development. Edmond an der See, 10-12 March 2009, The Netherlands.

NOC 2009 - 1st Nordic Conference on organic food systems, 18-20 May 2009, Gothenburg, Sweden

The 5th International Food Legumes Research Conference (IFLRC V) and 7th European Conference on Grain Legumes (AEP VII), 26-30 April 2010 Antalya, Turkey.

Luomuseminaarissa edustettuna koko luomukenttä, “Update your knowledge on organic food and farming”, Seminar arranged by Helsinki University and MTT, 28 July 2010, Mikkeli, Finland.

Capacity building and sustainability. International Conference, Addis Ababa, August 2012.

ENOAT 2012 (Network of Teachers in Organic Agriculture), Lyon 2012.

Global Science Conference on Climate-Smart Agriculture, UC Davis 20-22 March 2013

<http://climatesmart.ucdavis.edu/program/Presentations/Jensen%20Presentation.pdf>

<http://climatesmart.ucdavis.edu/videos.html> - Parallel session on research gaps Theme 1.3

The future of Food. Security, safety and quality. Global Challenge University Alliance. 2nd International Workshop, SLU Uppsala, May 22-24 2013.

Innovations in Organic Food Systems for Sustainable Production and Enhanced Ecosystem Services, International Conference, 1-2 November 2014, Long Beach, California, USA

Perennial biomass crops for a resource-constrained world – University of Hohenheim, Stuttgart, Germany, 7-10 September 2015

First Francophone Conference on Pulses (1^{ères} Rencontres Francophones sur les Légumineuses RFL1), 31/5- 1/6 2016 Dijon, France

5th International EcoSummit 2016, Ecological Sustainability – Engineering change, Montpellier 29

August- 1 September 2016.

Second International Legume Society Conference (ILS2), Troia, Portugal, 11-14 October 2016.

LEGATO-EUROLEGUME International Conference, Advances in grain legume breeding, cultivation and uses for a more competitive value-chain, Novi Sad, Serbia, 27-28 November 2017.

FRDK Annual meeting. Organization of reduced tillage farmers in Denmark. Vissenbjerg, Denmark, 27 February, 2018.

Advances in Legume Science and Practice, Association of Applied Biologists, 21-22 March 2018, Glasgow, UK.

2nd GRAB-IT INTERNATIONAL WORKSHOP, Organic farming and agroecology as a response to global challenges. Capri, Italy 27-29 June 2018.

Bibliometric Analysis (ISI Science citation report assessed 2018-03-27)

Total peer reviewed articles hits (ISI): 120 - Total citations: 3698 (without self-citations)

H-index: 4?, Google h-index 56.

List of publications

- 130 Råberg, T., Carlsson, G. and Jensen, E.S. 2018. Nitrogen balance in a stockless organic cropping system with different strategies for internal N cycling via residual biomass. *Nutrient Cycling in Agroecosystems*. <https://doi.org/10.1007/s10705-018-9935-5>
- 129 Raseduzzaman, MD and Jensen, ES. 2017. Does intercropping enhance yield stability in arable crop production? A meta-analysis. *European Journal of Agronomy* 91, 25-33. <https://doi.org/10.1016/j.apsoil.2017.08.011>
- 128 Pelzer E, Bourlet C, Carlsson G , Lopez-Bellido RJ, Jensen ES, Jeuffroy M-H 2017 Design, assessment and feasibility of legume-based cropping systems in three European regions. *Crop and Pasture Science*. doi.org/10.1071/CP17064
- 127 Bargaz Adnane, Noyce Genevieve L., Fulthorpe Roberta, Carlsson Georg, Furze Jessie R. , Jensen Erik S, Isaac Marney E. 2017. Species interactions enhance root allocation, microbial diversity and P acquisition in intercropped wheat and soybean under P deficiency. *Applied Soil Ecology* 120C, 179-188. doi.org/10.1016/j.apsoil.2017.08.011.
- 126 Hydbom S, Ernfors M, Birgander J, Hollander J, Jensen E S , Olsson P A. 2017. Reduced tillage stimulated symbiotic fungi and microbial saprotrophs, but did not lead to a shift in the saprotrophic microorganism community structure. *Applied Soil Ecology* 119, 104-114.
- 125 Kørup K, Lærke PE, Baadsgaard H, Andersen MN, Kristensen K, Munnich C, Didion T, Jensen ES, Mårtensson L-M and Jørgensen, U. 2017. Biomass production and water use efficiency in perennial grasses during and after drought stress. *Global Change Biology Bioenergy* DOI:10.1111/gcbb.12464
- 124 Råberg, T.M., Carlsson, G. and Jensen, E.S. 2017. Productivity in an arable and stockless organic cropping system may be enhanced by strategic recycling of biomass. *Renewable Agriculture and Food Systems*, doi:10.1017/S1742170517000242
- 123 Mårtensson, L.-M., Carlsson G., Prade T., Kørup K., Lærke, P.E., and Jensen E.S. 2017. Water use efficiency and shoot biomass production under water limitation is negatively correlated to the discrimination against ¹³C in the C3 grasses *Dactylis glomerata*, *Festuca arundinacea* and *Phalaris arundinacea*. *Plant Physiology and Biochemistry*. Doi: 10.1016/j.plaphy.2017.01.021
- 122 Francis, C.A., Jensen, E.S., Lieblein, G. and Breland, T.A. 2017 Agroecologist Education for Sustainable Development of Farming and Food Systems. *Agronomy Journal* 109, 23-32. Doi:10.2134/agronj2016.05.0267.
- 121 Carlsson, G., Mårtensson, L.-M., Prade, T., Svensson S.-E., Jensen. E.S. 2017. Perennial species mixtures for multifunctional production of biomass on marginal land. *Global Change Biology (Bioenergy)*, 9, 191-201 Doi: 10.1111/gcbb.12373.
- 120 Bargaz, A., Isaac, M., Jensen, E.S., Carlsson, G. 2016. Nodulation and root growth increase in lower soil layers of water-limited faba bean intercropped with wheat. *Journal of Plant Nutrition and Soil Science*, 179, 537-546. Doi: 10.1002/jpln.201500533
- 119 Crews, T. E., Blesh, J., Culman, S.W. Hayes, R.C., Jensen, E.S. Mack, M.C., Peoples, M.B., Schipanski, M.E. 2016. Going where no grains have gone before: From early to mid-succession. *Agriculture, Ecosystem,*

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Book chapters

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48. Jensen, E.S. 2017. Bælgsæds kvælstofteftervirkning. Plantekongres – produktion, natur og miljø. 2017. Sammendrag side 74-75, 17-18 January 2017, Herning, Denmark .

Lectures

International workshops and congresses (invited in bold)

1. **Jensen, E.S.:** Measurement of symbiotic nitrogen fixation by ^{15}N -isotope dilution in pea grown in pure stand and mixtures with barley. - EEC-Workshop on Measurement of Symbiotic Nitrogen Fixation in the Field, Risø, 16-17 November 1982.
2. **Jensen, E.S.:** Residual value of dried pea cultivation. - EEC-Workshop on Legumes in Tillage Systems, Toulouse, 28-30 juni, 1983.
3. **Jensen, E.S.:** Kvælstofgødskning og podning med *Rhizobium* af ært. - NJF-Seminar om Ærte dyrkning, Uppsala, 11-12 april, 1984.
4. **Jensen, E.S.:** Intercropping of field bean and spring wheat. - EEC-workshop on *Vicia faba* cultivation, Breeding and nitrogen fixation, Göttingen, 16-19 juli, 1986.
5. **Jensen, E.S.** Does added nitrogen influence the amount of soil N taken up by plants? Third Meeting of the NW European Study Group on Assessment of nitrogen fertilizer requirement held at Tunc 23-26 June 1987.
6. **Jensen, E.S.** Biological N_2 fixation research at Risø National Laboratory. ASEAN-EEC-workshop on Biological N_2 fixation research, Bangkok, 22-26 May 1988.
7. **Jensen, E.S.** Biological N_2 fixation research at Risø National Laboratory. Latinamerica-EEC-workshop on Biological N_2 fixation research. Guanajuato, Mexico, 23-25 January, 1989.
8. **Jensen, E.S.** Mineralization, leaching, and plant uptake of nitrogen from ^{15}N -labelled catch crop residues decomposing in the field. NJF seminar, Soil organic matter and decomposition. Tunc, 11-13 June 1989.
9. **Jensen, E.S.** Kvælstofbinding hos markært og indflydelsen af ærte dyrkning på omsætningen i jorden. NJF-møde: Trindsådesodling, 16-17 oktober 1990, Uppsala, Sweden.
10. **Jensen, E.S.** Biologisk kvælstofbinding. Foredrag ved møde i NJF sektion 1. 19 NJF kongres. 17-20 juni 1991, Uppsala, Sverige.
11. **Jensen, E.S.** 1991. The coupling of elemental analysis and isotope ratio mass spectrometry - A powerful tool in ^{15}N tracer studies of plant-microbe-soil relationships. COST 810 workshop on: The use of ^{15}N methodology in studies on the role of VA mycorrhizas in N cycling, Risø 5-6 December 1991.
12. Ikram, A., **E.S. Jensen** and I. Jakobsen. 1991. Possible direct transfer of ^{15}N and ^{32}P from *Pueraria phaseoloides* to *Hevea brasiliensis* via mycorrhizal links. Ibid.
13. Johansen, A., I. Jakobsen and **E.S. Jensen**. 1991. Nitrogen transport and depletion of soil nitrogen by external hyphae of VA mycorrhizas. Ibid.
14. **Jensen, E.S.** 1992. Mineralization and fate of nitrogen from ^{15}N -labelled mature pea harvest residues decomposing in the field. 7th Soil Nitrogen Workshop, Edinburgh June 1992.
15. Sørensen, P. and **E.S. Jensen**. 1992. Mineralization of nitrogen from ^{15}N -labelled organic N in animal manure. Ibid.
16. **Jensen, E.S.** Influence of crop residue particle size and spatial distribution in soil on the mineralization-immobilization turnover, plant uptake and losses of nitrogen. Workshop on projects in the Danish Rootzone centre, Tunc (DK), 30-31 October 1992.
17. **Jensen, E.S.** 1993. Cycling of grain legume residue N. Workshop on Ecological Agriculture and Nitrogen Leaching, RVAU Copenhagen, 11-15 September 1993.
18. **Jensen, E.S.** and J.Z. Castellanos 1994. The role of grain legumes in nitrogen cycling of low input sustainable agro-ecosystems. 15th International Congress of Soil Science, Acapulco July 1994.
19. **Jensen, E.S.** 1994. Effects of barley straw particle size and distribution in soil on soil N dynamics and plant growth - preliminary results, EC-Workshop "Soil N Immobilization, Aberdeen 2-3 November, 1994.
20. **Jensen, E.S.** 1995. The role of crop residues in nitrogen cycling of agro-ecosystems. NJF-congress, Reykjavik, 1995
21. **Jensen, E.S.**, Høgh-Jensen, H., Jørgensen, F. B.V., Schjørring, J.K., Vinther, F.P. 1996. Biological nitrogen fixation in pastures. IFOAM-Congress, Symposia S11, Copenhagen 11-15 August, 1996.
22. **Jensen, E.S.** 1996. The role of grain legume cultivation in the nitrogen cycling of temperate soils. 9th Nitrogen Workshop, Braunschweig, September 1996.
23. Sørensen, P. and **Jensen, E.S.** 1996. ^{15}N -labelling of animal manure: problems, solutions and use, 9th

- Nitrogen Workshop, Braunschweig, September 1996.
24. **Jensen, E.S. 1996 On the interaction between crop residue decomposition on cover cropping. Workshop in EU-Concerted Action: Long-term reduction of nitrate leaching by cover crops. Gumpenstein, Austria, November 1996.**
 25. **Jensen, E.S. 1997. Measuring the release of N from organic materials using indirect or direct ¹⁵N methods. IAEA, Seibersdorf laboratories. Meeting of IAEA Consultants, 16-17 June, 1997.**
 26. **Jensen, E.S. 1997. Nitrogen cycling in cropping systems with pea, UNIP meeting: La matrise de l'azote dans les rotations incluant du pois. 19 June 1997, Paris.**
 27. **Jensen, E.S. 1997. Rhizodeposition of N during the growth of pea. UNIP meeting: La matrise de l'azote dans les rotations incluant du pois. 19 June 1997, Paris.**
 28. **Jensen, E.S. 1997. Competition for and utilisation of nitrogen sources by intercrops of pea and barley. 11th World Fertilizer Congress, Gent, Belgium, 7-13 September.**
 29. **Jensen, E.S. and Ambus, P. 1998. Plant litter particle size- effects on decomposition and N-dynamics, 16th ISSS Congress, 20-26 August 1998, Montpellier**
 30. **Jensen, E.S. 1998, Soil N management and N₂ fixation in field pea (*Pisum sativum*), 4th AEP Conference, Valladolid November 1998, Spain**
 31. **Jensen, E.S. and Drevon, J. 1998. Thematic workshop: Nitrogen fixation and N effect in the cropping system. 4th AEP Conference, Valladolid November 1998, Spain**
 32. **Jensen, E.S. and Ambus, P. 1999. Crop residue management and N-cycling. Seminar at the Royal Swedish Agricultural Academy, Stockholm March 1999, Sweden.**
 33. **Jensen, E.S. 2000. Microbial assimilation of organic N from decomposing crop residues determined using ¹⁵N isotope dilution and mirror imaging. International Symposium on Nuclear Techniques in Integrated Plant Nutrient, Water and Soil Management, IAEA, Vienna 16-20 October 20.**
 34. **Haugaard-Nielsen, H., Ambus, P., Jensen, E.S. 2000 Using ³²P methodology to elucidate root distribution and competition for nutrients in intercropped plant communities. International Symposium on Nuclear Techniques in Integrated Plant Nutrient, Water and Soil Management, IAEA, Vienna 16-20 October 20.**
 35. **Ambus, P., Kure, L. K. and Jensen, E.S. 2000 A ¹⁵N pool-dilution approach to measure field gross N transformations following application of domestic sludge and compost onto soils. International Symposium on Nuclear Techniques in Integrated Plant Nutrient, Water and Soil Management, IAEA, Vienna 16-20 October 20.**
 36. **Jensen, E.S. 2000. Nitrogen fiksering i økologisk jordbrug – metoder til optimering. Økologisk Landbrug – Innovasjon 2000. Høgskolen i Hedmark, October 2000.**
 37. **Jensen, E.S. 2001. How can increased use of biological N₂ fixation in agriculture benefit the environment. Technical Expert Meeting on “ Increasing the use of Biological Nitrogen Fixation (BNF) in Agriculture, FAO, Rome 13-15 March, 2001.**
 38. **Jensen, E.S. 2001 Grain legumes in organic farming systems. LINK-AEP Third General Meeting, 9-10 April, Bologna, It.**
 39. **Fillery, IRP & E.S. Jensen. 2001 Inputs and turnover of C and N through root systems: how should these be quantified? Thematic working group, 11 N Workshop, September 2001, Reims France.**
 40. **Jensen, E.S. 2001. Intercropping grain legumes and cereals. Thematic working group, 4th AEP Conference, July 2001, Crakow, Poland.**
 41. **Jensen, E.S. 2002. The role of grain legumes in an European environment friendly and sustainable agriculture. AEP Press Conference: “Pulses and human health”, Madrid, 19 April 2002.**
 42. **Jensen, E.S. The contributions of grain legumes to an environmental-friendly and sustainable European Agriculture. LINK dissemination, Strasbourg, September 2002.**
 43. **Jensen, E.S. The application of ecological principle in organic crop production (Key-note) . 3rd Australian organic Agriculture Symposium, Perth, Western Australia, 12**

October 2002.

44. **Jensen, E.S., Haugaard-Nielsen, H. and Jørnsgaard, B. 2002. Grain legumes – their role in European agriculture. Workshop: Integration of grain legumes in the maize-based production system in semi-arid Sub-Saharan Africa, 18 November, 2002, KVL.**
45. **Jensen, E.S. 2003. Organic agriculture in the Nordic, European and global perspectives, NJF Conference, Turku, June 2003.**
46. **Jensen, E.S. 2003. Price lecture Nutrient Cycling in sustainable farming systems 2003. Bertebo Conference: Ecosystems services in Agriculture – Theory and practise, Falkenberg 13-15 September 2003.**
47. **Haugaard-Nielsen, H., Jensen, E.S., Aveline, A., Crozat, Y. 2004. Nitrate leaching after grain legumes – Significance and prevention. 5th AEP Conference, Dijon, June, 2004.**
48. **Jensen, E.S., Haugaard-Nielsen, H. Andersen M.K. 2004. Nitrogen cycling and management in legume-cereal intercropping with relevance to organic farming. VIII ESA Congress, Copenhagen, DK**
49. **Jensen, E.S. 2004. How to operationalize the sustainability issue in research on plant production ? Focus finding workshop in Cost action 860, SUSVAR, Witzenhausen, Germany.**
50. **Jensen, E.S. Grain legume function in rotations. Key-note at GL-PRO workshop, Zurich, November 2004.**
51. **Erik Steen Jensen. 2005. Biomass for energy and materials. Local technologies - in a global perspective. Nordic World Bank Seminar within renewable energy. Danish Ministry of Foreign affairs, 28 April 2005.**
52. **Jensen, E.S., Haugaard-Nielsen, H., Kinane, J., Andersen, M.K and Jørnsgaard, B. 2005. Intercropping – The practical application of diversity, competition, and facilitation in arable and organic cropping systems. The First Scientific Conference of the International Society of Organic Agricultural Research (ISO FAR). Adelaide, Australia 21-23 September 2005.**
53. **Jensen, E.S. 2005 Research on biomass for energy and materials at Risø National Laboratory, SUSCOMPNET seminar at Risø, 16. September 2005.**
54. **N. Bellostas*, H. Haugaard-Nielsen and E. S. Jensen, 2005. Grain legume and cereal intercropping - residue quality and nitrate leaching, Madrid, GLIP dissemination, 27. October 2005.**
55. **Jensen, E.S., Ambus, P., Bellostas N., Boisen, S. Brisson, N., Corre-Hellou, G., Crozat, Y., Dahlmann, C., Dibet, A., von Fragstein, P.; Gooding, M., Haugaard-Nielsen, H., Kasyanova, E., Launay, M., Monti, M. and Pristeri A. 2006. Intercropping of cereals and grain legumes for increased production, weed control, improved product quality and prevention of N –losses in European organic farm. In Organic farming and European rural development. Proceedings of the European joint organic congress. 30-31 May 2006, Odense, Denmark.**
56. **Haugaard-Nielsen, H., Ambus, P., Brisson, N., Crozat, Y., Dahlmann, C., Dibet, A., von Fragstein, P., Gooding, M., Kasyanova, E., Launay, M., Monti, M., Pristeri, A. and Jensen, E.S. 2006. Pea-barley intercrops use nitrogen sources 20-30% more efficiently than the sole crops. In Organic farming and European rural development. Proceedings of the European joint organic congress. 30-31 May 2006, Odense, Denmark.**
57. **Halberg, N. and Jensen, E.S. 2006. Self-reliance in energy in organic farming – is it feasible? ISO FAR workshop on energy in organic farming, 1. June 2006, Odense, Denmark.**
58. **Haugaard-Nielsen, H.¹, P. Ambus¹, N. Bellostas¹, S. Boisen², N. Brisson³, G. Corre-Hellou⁴, Y. Crozat⁴, C. Dahlmann⁵, A. Dibet⁴, P. von Fragstein⁵, M. Gooding⁶, E. Kasyanova⁶, M. Launay³, M. Monti⁷, A. Pristeri⁷ and E.S. Jensen. 2006. Intercropping of pea and barley for increased production, weed control, improved product quality and prevention of nitrogen–losses in European organic farming systems. Book of Proceedings Part III, Bibliotheca Fragmenta Agronomica Vol 11, 53-60. Warszawa, Poland. 3-5 September 2006.**
59. **Jensen, E.S. Intercropping in organic farming systems. 12. March 2007. Standing Committee for organic farming European Commission, Bruxelles,**

60. **Jensen, E.S. 2007.** Grain legumes for biofuel production? EUROCROP workshop: Grain Legumes, Paris 15-16. March.
61. Hedegaard Thomsen, M., Hauggaard-Nielsen, H., Petersson A., Thomsen, A.B, **Jensen, E.S. 2007.** Sustainable bioethanol production combining biorefinery principles and intercropping strategies. Proceeding of the Risø International Energy Conference, 22-24 May 2007.
62. **Jensen, E.S. and Schneider, A. 2007. Which challenges for legume crops in the EU agriculture of 2015? 6th European Conference on grain Legumes: Integrated legume biology for sustainable agriculture. Lisbon, November 2007.**
63. Justes, E., Mundus, S., Hauggaard-Nielsen, H. and Jensen, E.S. 2007. 6th European Conference on grain Legumes: Integrated legume biology for sustainable agriculture. Lisbon, November 2007.
64. **Jensen, E.S. 2007 . Aetbart ell brinnbart bart. Hvad gør vi med åkermarken når olien tryter? Conference: Matt i er nyt klimatt. Norkøbing, 19-21 November 2003. Diskussionsopanel med intro indlæg.**
65. **Jensen, E.S. 2007. Design sustainable cropping systems for or an unpredictable future. Key-note at KSLA seminar on Sustainable cropping systems.**
66. **Jensen, E.S. 2008. BioConcens. German meeting., Göttingen, 11. December 2008**

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67. **Jensen E.S. 2009. The role of organic food systems in meeting future challenges in the Nordic region. Nordic Organic Conference 2009, Göteborg, 18 may 2009.**
68. **Jensen, E.S. H. Hauggaard-Nielsen, M. B. Peoples, P. M. Gresshoff and C. P. Vance. 2010. The Use of Legumes for Agro-Energy and Non-Food Purposes. The 5th International Food Legumes Research Conference (IFLRC V) and 7th European Conference on Grain Legumes (AEP VII), 26-30 April 2010 Antalya, Turkey.**
69. **Jensen, E.S. 2010. Sustainability in organic food and farming- what it is and how could we develop it? Luomuseminaarissa edustettuna koko luomukenttä, “Update your knowledge on organic food and farming” Conference arranged by Helsinki University and MTT, 28 July 2010, Mikkeli, Finland.**
70. **Jensen, E.S and Hauggard-Nielsen, H. 2013. Intercropping: crop management for reduced inputs of reactive nitrogen and related GHG emissions? - prospects for a sustainable and climate smart agriculture, 2nd Global Science Conference on Climate-Smart Agriculture, UC Davis, March 20-22, 2013.**
71. **Jensen, E.S. 2013 Prospects for a sustainable, multifunctional and climate-smart agriculture aiming at food security. The future of Food. Security, safety and quality. Global Challenge University Alliance. 2nd International Workshop, SLU Uppsala, May 22-24 2013.**
72. **Jensen, E.S, Carlsson, G., Bedoussac, L., Journet, E-P., Justes, Hauggaard-Nielsen, H. 2014. Enhanced yields in arable organic farming – a role for eco-functional intensification? Innovations in Organic Food Systems for Sustainable Production and Enhanced Ecosystem Services, International Conference, 1-2 November 2014, Long Beach, California, USA**
73. **Jensen, E.S. 2015. A sustainable model of farming – Is agroecology the way forward? EEB-BirdLife Conference at EXPO2015, Is EU on the right path towards long-term food security?, 14 Septemeber, 2015, EU-Pavillion, EXPO2015, Milano, Italy.**
74. **Jensen, E.S. 2016 5th International EcoSummit 2016, Ecological Sustainability – Engineering change, Montpellier 29 August- 1 Sepetember 2016.**
75. **Carlsson, G., Ernfors, M., Mårtensson , LM. And Jensen, E.S. 2016. Soil nitrogen fertility and nitrogen acquisition in fababean – long-term systems effects. Second International Legume Society Conference (ILS2), Troia, Portugal, 11-14 October 2016.**
76. **Jensen, E.S. 2018. Samdyrkning af enårige afgrøder – større udbytter med mindre input. FRDK Annual meeting. Organization of reduced tillage farmers in Denmark. Vissenbjerg, Denmark, 27 February, 2018.**
77. **Jensen, E.S. 2018. Global nitrogen inputs, grain legumes and intercropping. Advances in Legume Science and Practice, Association of Applied Biologists, 21-22 March 2018,**

Glasgow, UK.

- 78. Jensen, E.S. 2018. Long-term agroecological and organic field experiments - what does it mean and why/how to network? 2nd GRAB-IT INTERNATIONAL WORKSHOP, Organic farming and agro-ecology as a response to global challenges. Capri, Italy 27-29 June 2018.**

Others lectures and seminars

1. Jensen, E.S.: Analyse af konkurrence-blandingsforsøg med planter. - Institut for matematik og statistik, KVL, 9. september, 1982.
2. Jensen, E.S.: Statistisk analyse af et blandingsforsøg med byg. - Institut for matematik og statistik, KVL, 16. september, 1982.
3. Jensen, E.S.: Kvælstofgødskning og den symbiotiske N₂-binding hos bælgplanter dyrket i renbestand og i blanding med ikke-bælgplanter. - Planteforædlings- og plantedyrkningsmøde, Risø, 27. oktober, 1982.
4. Jensen, E.S.: Kvælstofforsyning ved biologisk N-binding. - Kursus i Planternes ernæring og gødskningsplanlægning, Kursusinstitutionen Tune Landboskole, 23. november, 1982.
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 172. Carlsson, G. och Jensen, E.S. Potential och begränsning hos olika trindsädesarter – ett kvävefiksering perspektiv. FältForsk, 2012-11-14.
 173. Jensen, E.S. 2013. Organic agriculture and agroecology as momenta for sustainable development of food systems, Krinova Science Park, Alnarp

174. Jensen, E.S. 2013. Hearing ekologiskt Lantbruk. Panel diskussion, Sveriges Naturvårdsförening, Stockholm, 28 januari 2013.
175. Jensen, E.S. 2013. Multifunctional biomass production for the bio-based economy- Multifunktionell prouktion av biomassa för den biobaserade samhällsekonomi, Seminar Fallgropar i kedjan från gräs till gas, SLU Alnarp, 11. Februari, 2013.
176. Jensen, E.S. 2013. Integrating sustainable development and teaching and research. Seminar at Department of Biosystems and Technology, March 2013.
177. Jensen, E.S. 2013. Organic agriculture and agroecology as momenta for sustainable development of food systems, WULS Warsaw, 9-10 May 2013
178. Jensen, E.S. 2013. Ecosystems services and health effects of legumes WULS Warsaw, 9-10 May 2013.
179. Jensen, E.S. 2013. Soil ecosystem services in an organic farming system perspective. NOVA PhD course, 2-7 May 2013, Ishøj, Denmark.
180. Jensen, E.S. 2013 Baljväxter en förutsättning för framtidens hållbara jordbruk. Husshållningsselskabet i Kalmar. 21 november 2013
181. Jensen, E.S. 2013. Intercropping- the practical application of diversity, competition and facilitation in agroecosystems. PhD Course Future challenges in applied ecology, SLU Uppsala, 22 november 2013.
182. Jensen, E. S. Framtidens hållbara lantbruk - Hur skapar vi win-win lösningar? Framtidens Lantbruk i Skåne, Alnarp d. 20. marts 2014.
183. Jensen, E.S. 2014. LEGATO – et nytt EU-projekt om baljväxter med EU deltagelse., LegSA möte d. 25 marts 2014, Umeå.
184. Jensen, E.S. 2014. Future sustainable cropping systems. Course in Sustainable urban design, Arkitektskolan, 24 marts 2014, Lund.
185. Jensen, E.S. 2014. Mångfunktionelle fånggrödor i ekologiska odlingssystem. FOU dagar ekologisk jordbruk, 10. april, Linköping
186. Jensen, E.S. 2014. Organic and conventional cereal production – challenges for sustainable development??. Lecture IIIIEE - International Institute for Industrial Environmental Economics at Lund University, 8. September 2014
187. Jensen, E.S. and Ernfors, M. 2014 Forskningsstationen SITES Lönnstorp, Fältforsk referensgrupp möte, Ultuna, 21. Oktober 2014.
188. Jensen, E.S. 2014. Framtidens hållbara växtodling – agroekologi och ekologisk odling som redskap. Jordbruk som håller i längden – ett kunskapsmöte om ett hållbart jordbruk och nya affärsmöjligheter. Föreningen: Vårt älskade bröd, SLU 19/11 2014.
189. Jensen, E.S. 2015. Ekologiskt och matbrist?, Lunds Kommune, 19. Marts 2015.
190. Jensen, E.S. 2015. L'intensification éco-fonctionnelle: Un moyen efficace pour augmenter les rendements en agriculture biologique. Introductory lecture in association with membership of Academie Agriculture de France, Paris 20 May, 2015.
191. Jensen, E.S. 2015. Enhancing yields in organic crop production by eco-functional intensification, Seminar, INRA Grignon, 21 May, 2015
192. Jensen, E.S. 2015 Agroecology - A sustainable model of farming – Is agroecology the way forward? Is EU on the right path towards long-term food security? EEB-Birdlife Conference on Food Security, EXPO15, Milano, Sept. 2015.
193. Jensen, E.S. 2015. Organic farming and agroecology as momenta for sustainable development of food systems. Climmar Conference 2015, October 16, 2015, Stockholm
194. Jensen, E.S. 2015. Agroecology - A sustainable model of farming – Is agroecology the way forward? Is EU on the right path towards long-term food security? EEB-Birdlife Conference on Food Security, EXPO15, Milano, Sept. 2015.
195. Jensen, E.S. 2015. Agroecology - A sustainable model of farming – Is agroecology the way forward? Is EU on the right path towards long-term food security? Department of Biosystems

- and Technology, Sept. 2015.
196. Jensen, E.S. 2015. Systems perspectives and principles for sustainable development. Research on organic farming, EPOK seminar, Stockholm 9. December 2015.
 197. Jensen, E.S. 2016. Hållbart jordbruk? Presentation möte Statens fastighets förvaltning och LTV, 2 maj 2016, Alnarp.
 198. Jensen, E.S. 2016 Welcome and Conference opening speech: The first francophone conference on legumes, Dijon 31 May – 1 June, 2016.
 199. Jensen, E.S. 2017. Bælgsæds kvælstofteftervirkning. Plantekongres 2017. 17-18 January 2017, Herning, Denmark.
 200. Jensen, E.S. 2017. Advances in legume agronomy. LEGATO training course, Zaragoza, Spain 17 October, 2017.
 201. Jensen, E.S. 2017. Opening speech The third Swedish Agroforestry Conference, Alnarp 16-17 November 2017.
 202. Jensen, E.S. 2018. Samodling i svensk jordbruk. Agrocenter Falkenberg, Växa, Falkenberg, 16 January, 2018.
 203. Jensen, E.S. 2018. Nitrogen dynamics in intercrops. ReMIX Workshop task WP2.1.1, Wageningen 5-6 February, 2018.
 204. Jensen, E.S. 2018. Samdyrkning af enårige afgrøder – større urdbytter med mindre input? Fagdag i foreningen for reduceret jordbearbejdning i Danmark, Vissenbjerg, 27. February 2018.