

Curriculum vitae with track record (for researchers)

* **ROLE IN THE PROJECT** Project manager Work package leader Project partner

* PERSONAL INFORMATION

*Family name, First name:	Øygarden Lillian		
*Date of birth:	27.12.1959	*Sex:	Female
*Nationality:	Norwegian		
Researcher unique identifier(s) (ORCID, ResearcherID, etc.):	https://orcid.org/0000-0001-6178-2411 Researcher ID G-2454-2019 http://www.researcherid.com/rid/G-2454-2019		
URL for personal website:	https://www.nibio.no/ansatte/lillian-oygarden?locationfilter=true		

* EDUCATION

Year	Faculty/department - University/institution - Country
2000	PhD: Disputation date: 31.05.2000. Institute of Soil Science. Norwegian University of Life Sciences (earlier Norwegian Agricultural University (NLH) now NMBU). Norway
1984	Cand.agric. Institute of Hydrotechnique. Norwegian University of Life Sciences (earlier Norwegian Agricultural University (NLH), now NMBU). Norway

* POSITIONS - current and previous

Year	Job title – Employer - Country
Aug 2018-	Researcher (50 %) Department of Soil and Land Use, Division of Environment and Natural Resources, NIBIO. 50% Coordinator NIBIO Climate - Forum.
2017-2018	Acting Head of Department Water Resources and Hydrology, Division of Environment and Natural Resources, NIBIO. (August 2017 - August 2018)
2017-	Research Manager 50 % and 50 % position Coordinator NIBIO Climate- Forum (May 2017-)
2013- 2017	20 % position as Project leader Agropro (www.agropro.org) at Norwegian University of Life Sciences, Department of Plant and Environmental Sciences.
2015- 2017	Researcher, Department of Soil and Land Use, Division of Environment and Natural Resources, NIBIO. (June 2015- May 2017)
2008- 2015	Research Manager 50 % position and 50 % Coordinator Bioforsk Climate Research Forum
2006- 2008	Head of Department Watershed Management. Bioforsk Soil and Environment
2001- 2006	Head of Department Agricultural Water Management, Jordforsk
1994- 2000	Researcher, Jordforsk
1984- 1989	GEFO, Project employed: Action Plan against Agricultural Pollution
1984-1984	Adviser, Ministry of Agriculture (3months)

FELLOWSHIPS, AWARDS AND PRIZES

2012	Emerald LiteratiNetwork Awards for 2012. Highly Commended Award for the paper Deelstra et al. 2011: Climate change and runoff from agricultural catchments in Norway.
2013	Minister of Science and Higher education Polen. Diploma for scientific achievements: Banasik, K., Øygarden, L. and Hejduk, L.(eds). 2011 (reference see major collaborations)

PROJECT MANAGEMENT EXPERIENCE

Year	Project owner - Project - Role - Funder
2017-	Coordinating NIBIO- Climate Forum. Internal NIBIO group acting as focal point and coordination of climate related activities, research, consultancy, information and dissemination. Coordinator of Bioforsk Climate Forum 2008- 2015.
2013-2017	Project leader Interdisciplinary Research project: AGROPRO- Agronomy for increased food production- challenges and possibilities. Funded by Norwegian Research Council. Seven national and four international partners. www.agropro.org
2012- 2017	Coordinating Norwegian consortium with NIBIO (Bioforsk, NILF) and NMBU participation in MACSUR; Modelling European Agriculture with Climate Change for Food Security. Modelling networks; Crops, Livestock, Trade. www.macsur.eu
1997- 2011	Coordinating Strategic Institute Programmes: Sustainable Agriculture (1997-2002), Transport and retention of pollution in catchments- effects of hydrological processes (2002- 2006), Climate- Adaptation to extreme weather in municipalities what, how and why, led by Cicero (2006- 2011). Coordination Jordforsk activities in Interreg project NOLIMP (2003- 2007).
2000- 2005	Project leader, NFR funded projects: Seasonal frozen soils (2000- 2003), Transport pathways in catchments- water- particles- pesticides (2002- 2005), Integrated risk management for transport of particles, phosphorus, nitrogen and pesticides (2004 - 2005).

SUPERVISION OF STUDENTS

2009 - 2011	1	Postdoc	CESAM, University Aveiro. Portugal. Postdoc Nelson Abrantes
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TEACHING ACTIVITIES (if applicable)

2006 -	Lecturer Topic Soil Erosion- Course Water Pollution (Vann300). Norwegian University of Life Sciences, NMBU.
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ORGANISATION OF MEETINGS

2001	Organising "The international Symposium Snowmelt Runoff and related problems" Oslo. Cooperation with Cost 613, ESSC, IGU. 65 participants.
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INSTITUTIONAL RESPONSIBILITIES

2002- 2017	Member of committee PhD dissertations: Swedish University of Agricultural Sciences. Ingrid Wesstrøm (2002). Agricultural University of Norway. Ahmad Hammad Yousef Abu Hammad (2004). University of Copenhagen, Department of Geography. Anja Gadgård Boye (2005)
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	Opponent Doctoral dissertation, University of Eastern Finland, Jaana Uusi-Kamppa (2010) Preliminary examiner (one of two) for Doctoral dissertations. Aalto University. School of engineering. Department of Built Environment. Water and Environmental Engineering. Mika Turunen (2017).
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COMMISSIONS OF TRUST IN ACADEMIC, PUBLIC OR PRIVATE ORGANISATIONS

2018- 2019	Member of expert panel for evaluation of SLU: Quality and impact 2018. Research evaluation. KON 2018. https://internet.slu.se/Organisation-och-styrning/KoN2018_sv/ Evaluation of research field: Soil and Environmental Sciences. 2019: Member of Expert Panel for career grants for researcher at SLU, Sweden. Evaluation of 7 junior and senior grant applications.
2000 -	Referee 3- 6 papers /annually International journals.

MEMBERSHIPS OF ACADEMIES / SCIENTIFIC SOCIETIES / NETWORKS

1998-	2018 - IUSS-International Union of Soil Science. Division 3. Soil Use and management. Chair of Commission 3.2. Soil and Water Conservation. www.iuss.com 2015 - TempAg- Temperate Agriculture. International research collaboration network for agricultural production in temperate regions. Member of governing board www.tempag.net 2011- European Society for Soil Conservation (ESSC) executive committee. Member since 2000. http://www.soilconservation.eu/ 2010 - Global Research Alliance for Reduction of Agricultural Greenhouse Gases-GRA. (Crop) 1998 - 2003 Management Committee COST 623 and 2003- 2008 for COST 634. Soil erosion networks. 2012 - 2014 COST- ES1106. Euro- AgriWat. 1998 - Nordic Association of Agricultural Scientists (NJF) www.njf.nu Head of the Norwegian department (1999- 2003).
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MAJOR COLLABORATIONS

2013- 2017	National cooperation: NMBU, Ruralis and stakeholders in Agropro- agronomy for increased food production www.agroporo.org .
2006- 2011	National cooperation with Cicero, NIVA, NINA- Strategic Institute programme Extreme weather- Municipalities addressing climate change. Evaluation reports: Measures to reduce greenhouse gas emissions from Agriculture –
2018- 2020	cooperation with Norwegian Environment Agency, Norwegian Agriculture Agency and farmers organisations.
2008- 2011	EEA -grants Norway-Polen (2008 - 2011). Contact Professor Kazimierz Banasik. Dep. of Hydraulic Engineering, Warsaw University of Life Science. Banasik, K., Øygarden, L. and Hejduk, L.(eds).
2015- 2017	2011. Prediction and reduction of diffuse pollution, solid emission and extreme flows from rural areas- a case study from small agricultural catchments. Warsaw Univ. of Life Sciences press. 246p. ISBN 978- 83-7583-330-0 (reviewed monograph).
2015- 2018	EEA -grants- Norway- Czech Republic. (2015 - 2017). Adapta-N: Complex planning, monitoring, information and educational tools for adaptation to the impacts of climate change, with the main emphasis on agriculture and forestry management in the landscape. Contact Miroslav Dumbrovsky. Brno University of Technology. http://www.adaptan.net/vystupy-projektu

2015-2020	EU- Project Recare http://recare-project.eu/ Review report: Stolte, J., Tesfai, M., Øygarden, L., Kværnø, S., Keizer, J., Verheijen, F., Panagos, P., Ballabio & Hessel, R. 2016. Soil threats in Europe. Status, methods, drivers and effects on ecosystem services. JRC Technical Reports. EUR 27607 EN; doi: 10.2788/82874742 online
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Track record 25 Publications in Journals. 4 Chapter in Books. 197 reports, posters, abstract, proceedings.

Selected publications.

Bechmann, M., Deelstra, J., Stålnacke, P., Eggestad, H.O., Øygarden, L., Pengerud, A. 2008. Monitoring catchment scale agricultural pollution in Norway: policy instruments, implementation of mitigation methods and trends in nutrient and sediment losses. *Environmental Science & Policy*. 11 (2008) 102- 114. Elsevier. 12 citations in Scopus.

Bechmann, M., Stålnacke, P., Kværnø, S., Eggestad, H.O., Øygarden, L. 2009. Integrated tool for risk assessment in agricultural management of soil erosion and losses of phosphorus and nitrogen. *Science of the total environment* 407 (2009): 749-759. 72 citations in Scopus.

Deelstra J., Øygarden, L., Blankenberg, A.G.B. and Eggestad, H.O. 2012. Climate change and runoff from Agricultural catchments in Norway. *International Journal of Climate Change Strategies and Management*. Vol 3 no 4 pp 345- 360. ISSN 1756-8612. 28 citations in Scopus.

Deelstra, J., Wei, D., Chen, X., Zhou, B., Wang, Y., Jin, L., Øygarden, L. 2014. Monitoring of agricultural dominated catchments in Norway and Heilongjiang province, China: similarities and challenges. *Acta Agriculturae Scandinavica, Section B- Soil and Plant Science*, 2014. Vol 63, No. Supplement 2, 109- 116, Taylor and Francis. <http://dx.doi.org/10.1080/09064710.2014.885562> .

Hamidov, A., Helming, K., Bellocchi, G., Bojar, W., Dalgaard, T., Ghaley, B.B., Hoffmann, C., Holman, I., Holzkämper, A., Krzeminska, D., Kværnø, S.H., Lehtonen, H., Niedrist, G., Øygarden, L., Reidsma, P., Roggero, P.P., Rusu, T., Santos, C., Seddaiu, G., Skarbøvik, E., Ventrella, D., Żarski, J., Schönhart, M. 2018. Impacts of climate change adaptation options on soil functions: A review of European case-studies. *Land Degradation and Development* 2018.1-12. <https://onlinelibrary.wiley.com/doi/abs/10.1002/ldr.3006>. 10 citations Scopus.

Mittenzwei, K., & Øygarden, L. (2020). The Increasing Impact of Environmental Policies on Agriculture: Perspectives From Norway. *Journal of Applied Business and Economics (JABE)*, 22(6), 72-81. doi:<http://dx.doi.org/10.33423/jabe.v22i6>

Mitter, H., Sinabell, F., Kok, K., Priess, J.A., Schmid, E., Bodirsky, J.L., Holman, I., Lehtonen, K., Leip, A., Mouël, C.L., Mathijs, E., Mehdi, B., Michetti, M., Mittenzwei, K., Mora, O., Øygarden, L., Schönhart, M. 2019. A protocol to develop Shared Socio-economic Pathways for European agriculture. *Journal of Environmental management*. Volume 252, 109701. 12pp

Mitter, H., Techen, A.-K., Sinabell, F., Helming, K., Schmid, E., Bodirsky, B. L., Holman, I., Kok, K., Lehtonen, H., Leip, A., Le Mouel, C., Mathijs, E., Mehdi, B., Mittenzwei, K., Mora, O., Øistad, K., Øygarden, L., Priess, J. A., Reidsma, P., Schaldach, R., & Schönhart, M. (2020). Shared Socio-economic Pathways for European agriculture and food systems: The Eur-Agri-SSPs. *Global Environmental Change*, 65. doi:<http://dx.doi.org/10.1016/j.gloenvcha.2020.102159>

Ulén, B., Bechmann, M., **Øygarden, L** & Kyllmar, K. 2012. Soil erosion in Nordic countries- future challenges and research needs. Acta Agricultura Scandinavica, Section B- Soil & Plant Sciences. Vol 62, 2012- Issue sup2: Soil erosion in the Nordic countries, p 176- 184. DOI: 10.1111/j.1475-2743.2010.00266. 68 citations Research Gate.

Ulén, B., Aronsson, H., Bechmann, M., Krogstad, T., **Øygarden, L** & Stenberg, M. 2010. Soil tillage methods to control phosphorus loss and potential side-effects: a Scandinavian review. Soil Use and Management 26: 94-107. 68 citations Scopus.

Øygarden, L., Deelstra, J., and Blankenberg, A.-G.B. 2011. "Runoff and mitigation measures in agricultural catchments under climate change in Norway". *Municipalities Addressing Climate Change: A Case Study of Norway*. Nova Publishers, Hauppauge, New York, U.S.A., edited by Ilan Kelman, Chapter 3, pp. 25-47. ISBN: 978-1-61324-810-2(ebook) and 978-1-61324-716-7 (hardcover). 8 citations.

Øygarden, L. 2013. Future challenges of agricultural monitoring. In: Bechmann and Deelstra (eds.) *Agriculture and Environment - Long-term monitoring in Norway*. Akademika Publishing, p 363- 381. Trondheim. ISBN: 978-82-321-0014-9.