

## **Curriculum vitae**

Name: Hans Martin Hanslin  
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Born: 19.08.1970  
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## **Education**

1999. Dr. scient (Ph. D). Department of Botany, Norwegian University of Science and Technology, Trondheim, Norway  
1994. Cand. scient. (M. Sc). Department of Botany, University of Trondheim, Norway  
1992. Cand. mag. University of Trondheim, Norway

## **Employment**

2000 - Research position at Norwegian institute of bioeconomy research (Nibio) (former Bioforsk and Norwegian Crop Research Institute, Sæheim Research Centre). Main research topics: urban greening, climate effects, phytoremediation, invasive species and ecosystem restoration. Current appointment: Environment and climate division, Section for urban greening and environmental engineering.

## **Other activities**

Participant in WG 1 of COST Action 859 '*Phytotechnologies to promote sustainable land use management and improve food safety*' and MC of COST Action 870 '*From production to application of arbuscular mycorrhizal fungi in agricultural systems: a multidisciplinary approach*'. MC member of FA0901 "*Putting Halophytes to Work: From Genes to Ecosystems*".

## **Recent supervision and committees.**

- 2020-2023 Maria Korkou. PhD candidate, Dept. of Safety, Economics and Planning, University of Stavanger. "*Green infrastructures for liveable and sustainable cities*" Co-supervisor  
2019-2020. Turid Neby Berge, MSc student plant ecology, MINA NMBU  
2018-2021 Marina Bahktina, PhD candidate, Faculty of Landscape and Society, NMBU  
"Multifunctionality of vegetated infiltration systems" Co-supervisor  
2016-2018 Christel Vidaller, Université d'Avignon. "Which factors limit the establishment of *Brachypodium retusum* – a key species in ecological restoration of Mediterranean steppes?" PhD committee.  
2016. Camilla Lindberg, Master of Ecology (60p). Faculty of Biosciences, NMBU. "Evolution of growth rates in Pooidae". Co-supervisor  
2013. Laurene Pillot, Master 1 thesis. Agrocampus Ouest, Angers. "Multiple stresses in grasses". Supervisor  
2013-2019. Ursula Brandes, PhD candidate, Faculty of Biosciences, NMBU. "Genetics and ecology of *Cytisus scoparius*". Co-supervisor

## **Commissions of trust**

2018. Evaluation of proposals for Natural Environment Research Council, UK

2015 Evaluation of proposals for FP7 ExpeER call

2000 – present. Reviewer for about 20 scientific journals in ecology and environmental research

## **Major collaborations**

Prof. Johannes Kollmann, restoration ecology, urban ecology, Technische Universität München.

Prof. Armin Bischoff, restoration ecology, Mediterranean Institute for marine and terrestrial Biodiversity and Ecology, Avignon University

Dr. Arkadiusz Przybysz, plant stress physiology, Warsaw University of Life Sciences - SGGW

Prof. Francois Rineau, soil biota and functionality, Centre for Environmental Sciences, Hasselt Univ.

Dr. Knut A. Hovstad, biodiversity and functional ecology, Dept. of Landscape and Biodiversity, NIBIO

Dr Chunyang Zhu, urban ecology and remote sensing, College of Horticulture and Forestry, Huazhong Agricultural University China

Dr. Birgitte Johannessen, urban hydrology, Dept. of Civil and Environmental Engineering, NTNU

## **Project experience and management**

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|-------------|--|
| 2019-       | Project leader. Evaluating the need for local adjustment of blue-green factors for urban planning (Local municipalities)                                     |
| 2019-       | Project leader. Designing substrates for green biotope roofs (Industry)  |
| 2018-2020   | Project leader. Epicroads, Ecology in Practice: Improving infrastructure habitats along roads. (European road authorities)                                   |
| 2017 - 2020 | Project leader. "From dense swards to biodiverse roughs" (STERF)   |
| 2016 - 2019 | Project participant "Intensify production, transform biomass to energy and novel goods and protect soils in Europe (INTENSE)" (FACCE SURPLUS)                |
| 2015 - 2019 | Project leader strategic institute programme "Multifunctional urban greening for pollution and stormwater management" (RCN)                                  |
| 2014 - 2017 | Project participant. "Robuste og bærekraftige lokalsamfunn: ROBÆR» (RFF Vestlandet)  |
| 2015 – 2015 | Project leader "Metoder for revegetering langs veg i landbruksområder» (National Road Authorities)   |
| 2015 - 2018 | Project leader "Oppfølging grønne tak i 7 norske byer» (Norwegian Environment Agency)  |
| 2015 – 2015 | Project leader. "Trekplater for bier i leplantinger og på grønne tak» (VRI Rogaland)   |
| 2013 - 2014 | Coordinator of metagenomics project "Description of soil legacies caused by invasive species" (Bioforsk strategic project)                                   |
| 2012 - 2015 | Project leader "Ecological effects of expanding nitrogen-fixing species in vulnerable ecosystems", (RCN)   |
| 2011 - 2014 | WP leader of ECONADA: Ecologically sustainable implementation of the 'Nature Diversity Act' for restoration of disturbed landscapes in Norway (RCN)          |
| 2010 - 2013 | Project participant "Green Infrastructure to Decrease Human Exposure to Pollutants" (EEA Grants)   |
| 2010 - 2013 | Project participant «Understanding the genetics and physiological basis for adaption of Norwegian perennial forage crops to future climates – VARCLIM" (RCN) |
| 2009 – 2010 | Project leader «Effects of road desalting chemicals on vegetation" (National road authorities)   |
| 2006 – 2008 | Project leader «Organic waste and resources in Rogaland» (Regional auth.)  |

- 2006 - 2007 Project participant «Heavy metal uptake and translocation in grasses» (National food authorities)
- 2006 – 2007 Project participant «Micronutrient provision of *Abies* for Christmas tree production» (RCN)
- 2005 – 2006 Project leader «Uptake of brominated flame retardants in plants» (National food authorities)
- 2004 - 2009 Project participant «Climate change effects on winter survival of perennial forage crops and winter wheat and on plant diseases and weed growth and control at high latitudes – WINSUR» (RCN)
- 2004 – 2008 Management of Research group on Urban greening in Bioforsk
- 2004 – 2012 Project leader «Heathland management» (Regional authorities)
- 2000 - 2005 Project participant “Restoration of heathlands after construction of the Åsgard pipeline (Statoil)

### **Manuscripts in review**

Lindberg et al. NPH-MS-2019-31538 - Increased above ground resource allocation is a likely precursor for independent evolutionary origins of annuality in the Pooideae grass subfamily. New Phytologist

Przybysz et al. Wind drives drought responses of green roof vegetation in two substrates. Env Exp Bot Persson T, Szulc W, Rutkowska B, Höglind M, Hanslin HM, Sæbø A. Impacts of organic soil amendments on forage grass production under different soil conditions. Grass and Forage Science Hanslin HM, Fløistad IS, Hovstad KA, Sæbø A. Field establishment of contrasting *Abies* stocktypes. Scandinavian Journal of Forest Research

### **Publications**

- Hanslin HM, Bischoff A, Hovstad KA. 2019. Root growth plasticity to drought in alpine grass seedlings. Plant and Soil 440: 551-568.
- Ji P, Sæbø A, Stovin V, Hanslin HM. 2018. *Sedum* root foraging in layered green roof substrates. Plant and Soil 430: 1-14.
- Vidaller C, Dutoit T, Ibrahim Y, Hanslin HM, Bischoff A. 2018. Adaptive differentiation among populations of the Mediterranean dry grassland species *Brachypodium retusum* - the role of soil conditions, grazing and humidity. Am J Bot 105: 1-10.
- Lang M, Hanslin HM, Kollmann J, Wagner T. 2017. Suppression of an invasive legume by a native grass – high impact of priority effects. Basic and Applied Ecology 22: 20-27.
- Hanslin HM, Mæhlum T, Sæbø A. 2017. The response of *Phragmites* to fluctuating subsurface water levels in constructed stormwater management systems. Ecological Engineering 106:385-391.
- Johannessen BG, Hanslin HM, Muthanna TM. 2017. Green roof performance potential in cold and wet regions. Ecological Engineering 106: 436–447.
- Hanslin HM, Przybysz A, Slimestad R, Sæbø A. 2017. Stress acclimation and particulate matter accumulation in *Pinus sylvestris* saplings affected by moderate combinations of urban stressors. Science of the Total Environment 593–594: 581–591.
- Sæbø A, Gawronski S, Hanslin HM, Janhäll S. 2017. Urban forestry and pollution mitigation. In: F Ferrini, CC Konijnendijk van den Bosch, A Fini (eds) *Routledge Handbook on Urban Forestry* pp..
- Hanslin HM, Kollmann J. 2016. Positive responses of coastal dune plants to soil conditioning by the invasive *Lupinus nootkatensis*. Acta Oecologica 77: 1–9

- Sæbø A, Hanslin HM, Torp T, Lierhagen S, Gawronska H, Dzierzanowski K, Gawronski S. 2015. Chemical composition of vegetation along urbanisation gradients in two European cities. *Environmental Pollution* 198: 116-125.
- Mori J, Sæbø A, Hanslin HM, Teani A, Ferrini F, Fini A. 2015. Deposition of traffic related air pollutants on leaves of six evergreen shrub species during a Mediterranean summer season. *Urban forestry and urban greening* 14:264-273.
- Mori J, Hanslin HM, Burchi G, Sæbø A. 2015. Particulate matter and element accumulation on coniferous trees at different distances from a highway. *Urban forestry and urban greening*, 14: 170–177.
- Przybysz A, Sæbø A, Hanslin HM, Gawronski SW. 2014. Accumulation of particulate matter and trace elements on vegetation as affected by pollution level, rainfall and the passage of time. *Science of the Total Environment* 481:360-369.
- Sæbø A, Hanslin HM, Baraldi R, Rapparini F, Gawronska H, Gawronski SW, 2013. Characterization of urban trees and shrubs for particulate deposition, carbon sequestration and BVOC emissions. Proc IIInd IS on Woody Ornamentals of the Temperate Zone. Ed J Van Hylenbroeck. *Acta Hort.* 990, ISHS. P 509-516.
- Sæbø A, Popek R, Nawrot B, Hanslin HM, Gawronska H, Gawronski SW. 2012. Plant species differences in particulate matter accumulation on leaf surfaces. *Science of the Total Environment* 427–428: 347–354.
- Sæbø A, Hanslin HM. 2011. <sup>15</sup>N-uptake in *Abies lasiocarpa* and *Abies nordmanniana* at low root temperatures. *Scandinavian Journal of Forest Research*. 26:399-403.
- Höglind M, Hanslin HM, Mortensen LM. 2011. Photosynthesis and growth of *Lolium perenne* L. at low temperatures under low irradiances. *Environmental and Experimental Botany* 70: 297-304.
- Hanslin HM. 2011. Short-term effects of alternative de-icing chemicals on tree sapling performance. *Urban Forestry & Urban Greening* 10: 53-59
- Hanslin HM, Mortensen LM. 2010. Autumn growth and cold hardening of winter wheat under simulated climate change. *Acta Agriculturae Scandinavica, Section B - Soil & Plant Science* 60: 437-449.
- Aamlid TS, Hanslin HM. 2009. Evaluation of organic fertilizers and biostimulants on sand-based golf greens and football pitches under Scandinavian climate conditions. *International Turfgrass Society Research Journal* 11: 919-931.
- Hanslin HM, Höglind M. 2009. Differences in winter-hardening between phenotypes of *Lolium perenne* with contrasting water-soluble carbohydrate concentrations. *Grass and Forage Science*, 64: 187–195.
- Hanslin HM, Sæbø A. 2008. Balancing the interplay of grass and heather vegetation using adjusted fertilization in restoration of heathland vegetation. Proceedings 6th European Conference on Ecological Restoration, Ghent, Belgium, 8-12/09/2008.
- Hanslin HM, Sæbø A, Bergersen O. 2005. Estimation of oxygen concentration in the soil gas phase beneath compost mulch by means of a simple method. *Urban Forestry & Urban Greening* 4: 37-40.
- van Oijen M, Höglind M, Hanslin HM, Caldwell N. 2005. Process-based Modelling of Timothy Regrowth. *Agronomy Journal* 97: 1295-1303.
- Hanslin HM, Eggen T. 2005. Salinity tolerance during germination of seashore halophytes and salt-tolerant grass cultivars. *Seed Science Research* 15: 43-50.

- Höglind M, Hanslin HM, van Oijen M. 2005. Timothy regrowth, tillering and leaf area dynamics following spring harvest at two growth stages. *Field Crops Research* 93: 51-63
- Pedersen B, Hanslin HM, Bakken S. 2001. Testing for positive density-dependent performance in four bryophyte species. *Ecology* 82: 70-88.
- Hanslin HM, Bakken S, Pedersen B. 2001. The impact of watering regime and ambient relative humidity on the responses to density in two boreal forest mosses, *Dicranum majus* and *Rhytidadelphus loreus*. *Journal of Bryology* 23: 43-54.
- Hanslin HM. 1999. *The impact of environmental conditions on density dependent performance in the boreal forest bryophytes Dicranum majus, Hylocomium splendens, Plagiochila asplenoides, Ptilium crista-castrensis and Rhytidadelphus loreus*. Dr. scient thesis. Norwegian University of Science and Technology, Trondheim, Norway.
- Hanslin HM. 1999. Seasonal dynamics of biomass increase and shoot elongation in five co-occurring boreal forest bryophytes. *Journal of Bryology* 21: 5-15.
- Hanslin HM, Fjellvikås A, Bakken S. 1999. Design, technical specification, and operation of growth chambers with a computer-controlled system for regulating relative humidity suitable for ecophysiological experiments with bryophytes. *Journal of Bryology* 21: 279-287.
- Hanslin HM, Karlsson PS. 1996. Nitrogen uptake from prey and substrate as affected by prey capture level and plant reproductive status in four carnivorous plant species. *Oecologia* 106: 370-375.
- Karlsson PS, Thorén M, Hanslin HM. 1994. Prey capture by three *Pinguicula* species in a subarctic environment. *Oecologia* 99: 188-93.

## Reports etc.

- Hanslin HM, Kollmann J, Kroeger SB, Uhe L, Behrendt S, Wissman J, Lennartsson T, Habel JC, D'Amico M, Hovstad KA. 2019. Ecological effects of roads – a review of the literature, Report CEDR Transnational Road Research Programme
- Hanslin HM, Svalheim EJ. 2019. Restaurering av kalkeng på Bjerkås. NIBIO Rapport 5/168/2019
- Hanslin HM, Talgø V, Sæbø A. 2019. Strategier for utvikling av Vålandskogen, Stavanger kommune. NIBIO Rapport 5/74/2019
- Krzeminska D, Blankenberg AGB, French HK, Aamlid TS, Hanslin HM. 2019. Spørreundersøkelse om stabilisering og redusert erosjon i skråninger. Kartlegging av erfaring i etatene (NVE, Statens Vegvesen, Bane NOR). NIBIO Rapport 5/96/2019
- Hovstad KA, Thorvaldsen P, Hassel K, Hanslin HM, Saure HI. 2019. Restaurering av verneområde med sitkagran: Effektar av hogstavfall på vegetasjonsutvikling og risiko for nytablering av sitkagran. NIBIO Rapport
- Hanslin HM, Johannessen BG. 2018. Grønne tak som LOD- og miljøtiltak. NIBIO Rapport 4/172/2018, Miljødirektoratet M1153-2018
- Hanslin HM, Schmidt I, Mæhlum T, Borch H, Haraldsen TK, Aamlid TS. 2018. Kunnskapsstatus: Plen som tiltak for lokal overvannsdisponering (LOD). NIBIO Rapport 4/160/2018.
- Daugstad K, Thorvaldsen P, Bele B, Bær A, Fløistad IS, Hanslin HM. 2018. Fremmede skadelige karplanter i kulturlandskapet og områdebasert prioritering av tiltak. Sammenstilling av kunnskap. NIBIO Rapport 4/9/2018.
- Hanslin HM, Johannessen BG. 2017. Vegetasjon på grønne tak etablert i Fremtidens byer prosjektet, 2014-2017. Delrapport 3. Nibio Rapport 3/134/2017.
- Hanslin HM, Johannessen BG. 2016. Oppfølging grønne tak fra *Fremtidens byer*, 2016. Nibio Rapport 2/140/2016.

- Hanslin HM, Johannessen BG. 2015. Erfaringer med grønne tak i 7 norske byer i perioden 2014-2015. Nibio rapport 40/2015.
- Hanslin HM, Slimestad R, Sæbø A. 2015. Trekkplanter for bier - En forstudie på Jæren. Nibio Rapport 1/73/2015.
- Hanslin HM, Hovstad KA, Haraldsen TK, Pedersen PA, Kallioniemi E, Aamlid TS. 2015. Metoder for revegetering langs veg i landbruksområder. Nibio rapport 1:41
- Verheul M, Hanslin HM. 2014. Økologiske dyrkingsmedia til veksthuskulturer. Ås: Bioforsk (ISBN 978-82-17-01376-1), Volum 9.8 s. Bioforsk TEMA(32)
- Aamlid T, Fjellheim S, Elameen A, Klemsdal S, Daugstad K, Hanslin HM, Hovstad KA, Hagen D, Rydgren K, Rosef L. 2014. ECONADA: Økologisk og økonomisk bærekraftig implementering av Naturmangfoldloven ved restaurering etter naturinngrep. Rapport fra tredje prosjektår 2013 og status pr. 1. april 2014. Ås: Bioforsk 2014 (ISBN 978-82-17-01276-4); Volum 9. Bioforsk Rapport(74)
- Aamlid T, Fjellheim S, Elameen A, Klemsdal S, Daugstad K, Hanslin HM, Hovstad KA, Hagen D, Rydgren K, Rosef L. 2012. ECONADA: ECOlogically sustainable implementation of the 'NAture Diversity Act' (Naturmangfoldloven) for restoration of disturbed landscapes in Norway Report from the first project year 2011. Ås: Bioforsk 2012 (ISBN 978-82-17-00881-1); Volum 7.25 s. Bioforsk Rapport(4)
- Fløistad IS, Hanslin HM 2008. Establishment routines for *Abies nordmanniana* and *Abies lasiocarpa*. Forest & Landscape Working Papers 26. 145 pp
- Hanslin HM, Berland H, Prante PC. 2008. Sluttrapport for Regionalt utviklingsprosjekt "Organisk avfall i Rogaland". Bioforsk Rapport 61.
- Hanslin HM, Eggen T. 2007. Akkumulering av tungmetaller i planter – en litteraturstudie. Bioforsk Rapport 138.
- Hanslin HM, Eggen T, Gawronski S. 2007. Heavy metal uptake and translocation in grasses. Bioforsk rapport 139.
- Aamlid TS, Hanslin HM, Molteberg B, Susort Å, Steensohn AA, Enger F & Haaland P. 2007. Evaluation of organic fertilizers and biostimulants on sand-based golf greens and football fields. Report from the second experimental year 2006 and conclusions from the two year project period. Bioforsk Rapport Vol. 2 Nr. 61. 53 pp.
- Mortensen L, Hanslin HM. 2007. Effekter av klimaendringer på høsttilvekst og overvintring: Hvete. Bioforsk FOKUS 2(1): 28-29.
- Eggen T, Hanslin HM, Sæbø A. 2006. Tiltaksmetoder for nedbryting av DDT i forurensede sedimenter. Bioforsk Rapport 1(19), 27 pp.
- Hanslin HM. 2006. Kompost til sandjord. Resultater fra feltforsøk 2006. Bioforsk Rapport Vol. 1 Nr. 193. 10 pp.
- Hanslin HM. 2006. Ugras i hageavfallskompost fra Sele gjenvinningsstasjon. Bioforsk Rapport Vol 1. Nr 191. 7 pp.
- Hanslin HM, Eggen T. 2006. Opptak av bromerte flammehemmere i planter. Bioforsk Rapport Vol. 1 Nr 83-B. 16 pp.
- Hanslin HM, Sæbø A, Kvivær A. 2006. Evaluering av revegetering av kystlynghei i traseen til Åsgard gassrørledning (1999 – 2005). Bioforsk Rapport Vol. 1 Nr. 12. 32 pp.
- Aamlid TS, Hanslin HM, Molteberg B, Andersen O, Stubhaug E, Susort Å, Steensohn AA, Enger F. 2005. Evaluation of fertilizers and biostimulants on sand-based golf greens and football fields. Report from the first experimental year 2005. Report to Kirke- og kulturdepartementet, Norges Fotballforbund og Norges Golfforbund 48 pp

Eggen T, Hanslin HM, Stuanes A, Engen G. 2005. Opptak av DDT i planter. Jordforsk Rapport 72 (2005):15pp

Hanslin HM. 2005. Kompost til sandjord – resultater 2005. Bioforsk Rapport Vol 1 Nr. 21.

Hanslin HM, Grimstad SO. 2005. Dyrkingsegenskaper for skjellkompost. Delrapport Rogaland Fylkeskommune, FMLA Rogaland og Mattilsynet. 14 pp.

Sæbø A, Asdal Å, Fløistad I, Hanslin HM, Haraldsen TK, Netland J, Sjursen H, Pedersen P. 2005. Sluttrapport for ORIO-prosjekt "Slam og kompost til grøntanlegg". Rapport 26 pp .

Hanslin HM. 2004. Veileder for etablering, beplantning og skjøtsel av renseparker. Report FMLA Rogaland, 16pp.

Hanslin HM. 2003. Evaluering av biologisk mangfold i renseparker. Report FMLA Rogaland. 33 pp.

Hanslin HM, Andersen O, Grimstad SO. 2003. Bruk av kunstig lys til gras i idrettsanlegg. Storskala utprøving av belysningsstrategi til fotballgras. Report to project owner. 17 pp.

Hanslin HM, Andersen O, Grimstad SO. 2002. Bruk av kunstig lys til gras i idrettsanlegg. Report to project owner. 11pp.

Andersen O, Hanslin HM. 2001. Bruk av kunstig lys til gras i idrettsanlegg. Valg av belysningsstrategi. Report to project owner. 12pp.

## Posters

French, H., Krzeminska, D., Hanslin, H.M., Aamlid, T.S. & Blankenberg, A.B. 2019. Measures for stabilization and reduced erosion on slopes along roads and railways in Norway: Stakeholder experience and research needs (Poster). EGU Geneal Assembly 2019, Vienna, Austria.

Hanslin HM, Kallioniemi E, Kollmann J, Bär AK, Johansen L, Wissman J, Lennartsson T, Habel JC, D'Amico M, Lacorte S, Hovstad KA. 2018. Ecology in Practice: Improving infrastructure habitats along roads (EPIC ROADS) - a new CEDR project. IENE conference Crossing borders for a greener and sustainable transport infrastructure. Eindhoven 11-14.9 2018

Mench M, Marie Lise Benot, Bastien Castagneyrol, Lilian Marchand, Arne Sæbø, Hans Martin Hanslin, Mats Høglind, Marte Lund Edvardsen, Tomas Persson, Hanne Sørlie, Peter Schröder, Michael Obermeier, Wiesław Szulc, 'Beata Rutkowska, Jaco Vangronsveld, Nele Witters, Silvie Daniels, François Rineau, Nele Weyens, Rocio Millán, Thomas Schmid, Christoph Poschenrieder, Nelson Marmiroli, Elena Maestri Marta Marmiroli, Francis Douay 2016. INTENSE; Intensify production, transform biomass to energy and novel goods and protect soils in Europe. FACCE SURPLUS Kick off meeting at Foulum 12 – 15 September.

Fløistad IS, Hanslin HM. 2007. Establishment routines for *Abies nordmanniana* and *Abies lasiocarpa*. 8th International Christmas Tree Research & Extension Conference, 12-18 August 2007, Bogense Denmark

Hanslin HM, Overgaard H, Eggen T. 2006. Uptake and accumulation of DDT and its metabolites in plants and forage. 4th European Conference on Pesticides and related organic micropollutants in the environment. p 290

Hanslin HM, Eggen T, Engen GK. 2005. DDT uptake in food and forage plants. Phytotechnologies to promote sustainable land use and improve food safety. COST action 859, 14-16 June 2005, Pisa, Italy.

## Popular

Aamlid TS, Hanslin HM, Svalheim EJ, Kallioniemi E, Kvalbein A, Sandell B. 2018. Tynn røff er letttere å spille fra og åpner for større biologisk mangfold. Gressforum 2018 (1) s. 20-23

Hanslin HM, Aamlid TS, Kollmann J, Lennartsson T, Svalheim EJ, Kallioniemi E. 2017. From dense swards to biodiverse roughs. STERF research and development yearbook 2017: Sterf 2018 2 s.

- Sæbø A, Hanslin HM, 2012. Busker og trærs evne til å samle svevestøv. Park & Anlegg nr 5: 60-62.
- Sæbø A, Hanslin HM, Fløistad IS, 2011. Etableringen av fjelledelgran (*Abies lasiocarpa*) fremmes selv ved relativt sterk gjødsling. Nåledrys 78: 32-33
- Fløistad IS, Hanslin HM, Sæbø A., 2011. Rotvekstkapasitet som indikasjon på plantekvalitet og etableringsevne. Nåledrys76: 28-29.
- Sæbø A., Hanslin HM, Pundsnes T. 2009. Rapport fra en pilotstudie med gjødsling til Nobeledelgran. Nåledrys 68/09; 28-29
- Skrindo A, Hanslin HM. 2009. Etablering av mosehage på Nye Ahus. Park & anlegg 2:13-15
- Mortensen L, Hanslin HM. 2007. Effekter av klimaendringer på høsttilvekst og overvintring: Hvete. Bioforsk FOKUS 2(1): 28-29
- Norderhaug A, Hanslin HM, Nilsen LS. 2007. Revegetering og restaurering i kulturlandskapet. Bioforsk FOKUS 2(20): 23-25
- Aamlid TS, Hanslin HM. 2006. Salttoleranse hos gras i etableringsfasen. Park & anlegg 5 (6): 15-17
- Hanslin HM. 2003. Rensemarker bidrar til biologisk mangfold. Bondevennen 36: 12-13
- Harbo O, Hanslin HM. 2002. Kompaktgjødsel med 14 % vassløyseleg svovel. Bondevennen 8/9: 23

## **Presentations**

- Hanslin HM. Biologi på taket. Direktoratet for byggkvalitet, 10/2 2020
- Hanslin HM. Naturbaserte løsninger og biomangfold i byen. Naturviterforum 2019, 7/11 2019
- Hanslin HM. Hvordan kan de ulike delene av grøntstrukturen bidra til økologisk integritet (og klimatilpasning) i byen? Fagmøte SWECO, 14/11 2019
- Hanslin HM. Hvordan kan de ulike delene av grøntstrukturen bidra til økologisk integritet.
- Frokostseminar om byøkologi, Naturvernforbundet Rogaland, Stavanger3/10 2019
- Hanslin HM, Johannessen BG. Grønne tak som LOD- og miljøtiltak. iFront Nettverksmøte – Miljødirektoratet, Oslo, 4/3 2019
- Hanslin HM. Lokal biologi på taket. Temasamling: Blågrønt tak R5, Klima 2050, Oslo, 26/4 2019
- Hanslin HM, Aamlid TS. 2018. Økologisk restaurering og biologisk mangfold i urbane områder- eller tiltak for å bedre leveransen av økosystemtjenester i by? Multifunksjonell urban grønnstruktur, Gardermoen 12. mars 2018
- Hanslin HM, Sæbø A, Vike K. Presentasjon ROBÆR-prosjektet, Fremtidens byer-takene og NIBIOS Instituttprogram. Nasjonalt klimatilpasningsnettverk (iFront), Stavanger 20/11 2017.
- Mench M, Benot ML, Castagnéryrol B, Marchand L, Oustrière N, Sæbø A, Hanslin HM, Persson T, Höglind M, Edvardsen ML, Sorlie H, Schröder P, Obermeier M, Chmelikova L, Szulc W, Rutkowska B, Vangronsveld J, Witters N, Rineau F, Breckers B, Weyens N, Daniels S, Millán R, Schmid T, Poschenrieder Ch, Marmiroli N, Maestri E, Malcevschi A, Douay F 2017 The INTENSE project: Intensify production, transform biomass to energy and novel goods and protect soils in Europe. Proc. 14<sup>th</sup> ICOBTE, Zurich, July 16-20, Switzerland. p. 213
- Hanslin HM, Sæbø A. 2016. Planter til kystklima. NGF fagseminar Gartner 2016, Lillestrøm 17-18.10 2016.
- Hanslin HM, Sæbø A. 2016. Resultater fra ROBÆR-prosjektet. Blågrønne løsninger for dagens og framtidens klima. Fagdag, Bryne Sept. 16 2016.
- Hanslin HM, Sæbø A. 2016. Research on green SUDS conducted at NIBIO Særheim. International research workshop on Sustainable Storm Water Management, Klepp. Sept 15. 2016
- Kovi MR, Höglind M, Hanslin HM Samy KAJ, Asp T Rognli OA. 2016. Festulolium transcriptome changes during cold acclimation and their comparison to festuca pratensis and lolium perenne genomes. NorPlantBio 2016; 2016-06-15 - 2016-06-17
- Kovi MR, Höglind M, Hanslin HM Samy KAJ, Asp T Rognli OA. 2016. Festulolium transcriptome changes during cold acclimation, deacclimation and reacclimation. VI. Festulolium Working Group Workshop 2016; 2016-04-05 - 2016-04-06

- Sæbø A, Hanslin HM. 2016. Plantematerialet til blågrønne løsninger for overvannshåndtering. Klimatilpasningsdagene 2016. Praktiske løsninger for overvannshåndtering. Sandnes, 25-26.8. 2016
- Hanslin HM. 2016. Trade-offs in multifunctionality of road verges and their delivery of ecosystem services. IENE International Conference «Integrating Transport Infrastructure with Living Landscapes», 30. Aug.-2. Sept, 2016, Lyon, France.
- Hanslin HM, Wissman J, Aamlid T. 2016. The potential to increase delivery of multiple ecosystem services of urban grasslands. 5th European Turfgrass Society conference 2016 "Turfgrass – Towards sustainability and perfection for aesthetic, recreational and sports" Albufeira, Portugal, June 5-8, 2016.
- Höglind M, Hanslin HM. 2015. Frost tolerance, deacclimation and reacclimation traits in perennial ryegrass. XXIII International Grasslands Congress «Sustainable use of Grassland Resources for Forage Production, Biodiversity and Environmental Protection», Nov 20-24, 2015, New Delhi.
- Hanslin HM, Sæbø A. 2015. Grønne tak i vest – erfaringer fra testanlegg i Rogaland. Fagtreff Norsk Vannforening. Grønn teknologi for urban overvannsbehandling. Sept. 14. 2015.
- Hanslin HM, Sæbø A, Gawronski SW. 2015. Urban vegetation and air quality – dead-end or a way ahead? 12th Urban Environment Symposium, Urban Futures for a Sustainable World, Oslo, Norway, June 1-3 2015
- Rosef L, Heegaard E, Fjellheim S, Brandes U, Kollmann J, Wagner T, Hanslin HM. 2015. Regional invasion of a nitrogen-fixing shrub – the case of *Cytisus scoparius* in SW Norway. Ecological change, changing ecology, 2nd Conference of the Norwegian Ecological Society. March 12 – 13th 2015, Bergen
- Hanslin HM, Sæbø A. 2014. Seed vitality of exotic species in their northern introduced range. Urban Tree diversity conference, Alnarp, Sweden, 16-18 June 2014.
- Kovi MR, Höglind M, Hanslin HM, Sablok G, Byrne S, Asp T, Rognli OA. 2014. An RNA seq approach to study the global transcriptome changes affected by vernalization and cold hardening in *Festulolium*. Norwegian PlantBio Conference 2014; 2014-11-03 - 2014-11-04
- Rosef L, Heegaard E, Fjellheim S, Furevik B, Brandes U, Hanslin HM. 2014. Gyvel – en trussel mot sjeldne naturtyper? Lyngheiseminar; 2014-06-23 - 2014-06-25
- Kovi MR, Höglind M, Hanslin HM, Ergon Å, Asp T, Rognli OA. 2013. Comparison of hardening/de-hardening conditions in *Lolium perenne* and *Festulolium*. International Plant & Animal Genome XXI
- Kovi MR, Höglind M, Hanslin HM, Ergon Å, Stephen B, Asp T, Rognli OA. 2013. An RNA seq approach to study the global transcriptome changes affected by vernalization and cold hardening in *Lolium perenne*. Plant Bio Conference 2013
- Kovi MR, Höglind M, Hanslin HM, Ergon Å, Stephen B, Asp T, Rognli OA. 2013. Global transcript profiling under hardening/de-hardening conditions in *Lolium perenne* by RNA sequencing. 30th EUCARPIA Fodder Crops and Amenity Grasses Section Meeting.
- Sæbø A, Hanslin HM, Gawronski SW. 2013. Green Infrastructure to Decrease Human Exposure to Pollutants. Urban Forestry in Transition; 2013-10-09 - 2013-10-11
- Hanslin HM & Sæbø A, 2012. Metoder og planevalg for etablering av lite skjøtselskrevende vegkanter. Bioforsk-konferansen 2012, Gardermoen 6 og 7. februar. Bioforsk fokus 7(2): 192-193.
- Hanslin HM, Sæbø A. 2012. Småplantekvalitet og etablering. Seminar: Kvalitet i juletreproduksjonen. Plantekvalitet, toppskuddregulering og forming i juletrær. Sola, 21. mars 2012.
- Sæbø A, Hanslin HM, Gawronska H, Gawronski SW. 2012. Vegetation in urban areas accumulates particulate matter and metals! EFUF Congress 2012, Leipzig, 8 – 12 May
- Sæbø A, Gawronski ,Hanslin HM. 2013. Green infrastructure to decrease human exposure to pollutants. CAreForUs II and GreenMan project conference, Tartu Estonia, 9-11 October 2013.
- Hanslin HM. 2009. Vinterbiologi i endret klima — begrenset lystilgang. Bioforsk konferansen, Sandefjord, 4-5. Februar 2009
- Hanslin HM, Sæbø A. 2009. "Næringsforsyning i juletre - behov for mer tilpasset gjødsling?" Norsk juletremesse, Bryne 20/3 2009.

- Hanslin, H.M. & Sæbø, A. 2008. Balancing the interplay of grass and heather vegetation using adjusted fertilization in restoration of heathland vegetation. 6th European Conference on Ecological Restoration, Ghent, Belgium, 8-12. September 2008. Proceedings. 4 pp
- Sæbø, A. & Hanslin, H.M. 2008. RUP - organisk avfall i Rogaland. Delprosjekt II - Produktutvikling. IVAR fagdag for bruk av Slam og kompost. 6. Mai 2008.
- Hanslin HM, Sæbø. 2006. Hvilke kunnskaper trenger vi for framtidens bytrebeplantninger? *Byens Trær* 2006, KVL, Copenhagen, 28-29/9 2006