

Curriculum Vitae

Therese W. Berge, PhD

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Language: Norwegian – mother language, English – fluent



URL for personal web site:

- ResearchGate: https://www.researchgate.net/profile/Therese_Berge
- NIBIOs web-page: <https://www.nibio.no/ansatte/therese-with-berge?locationfilter=true>
- CRISTIN (Current research information system in Norway) web-page: <https://app.cristin.no/persons/show.jsf?id=385626>

WORK EXPERIENCE AFTER MASTER DEGREE COMPLETED

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|---|-----------|
| <p>Research Scientist (Weed Science/Precision Farming)
Norwegian Institute of Bioeconomy Research (NIBIO),
Dep. of Invertebrate Pests and Weeds in Forestry, Agriculture and Horticulture, Ås, Norway</p> | 2008- |
| <p>Research Assistant (Remote Sensing of Vegetation)
Within EU Project: Climate Impact Research Centre,
Swedish Univ. of Agricultural Sciences (SLU),
Dept. Geomatics and Remote Sensing, Umeå, Sweden.
Tasks: Vegetation surveys, sampling and estimating leaf area index, Lab. work, Data management and scientific writing.</p> | 1998-2000 |

EDUCATION

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|---|------|
| <p>PhD (Weed Science)
Norwegian University of Life Sciences,
Dept. of Plant and Environmental Sciences
Ås, Norway.
PhD thesis in weed science: "Spatial patchiness of broadleaved weeds in cereals and simulated patch spraying".</p> | 2008 |
| <p>MSc (Vegetation Ecology)
University of Tromsø, Dept. of Biology and Geology
Tromsø, Norway.
MSc thesis in vegetation science: "Use of AVHRR NDVI data to map phytogeographical zones and phytomass on Svalbard".
Courses: Botany excursion for Master students to Chile, Quantitative Ecology, Special course "From field survey to Vegetation Map"</p> | 1998 |
| <p>Cand. Mag. (Botany, Other natural sciences)
Univ. of Trondheim, Trondheim, Norway.
Botany, Taxonomy (vascular plants, lichens, mosses), Vegetation Science, Biogeography, Ecology, GIS, Chemistry, Physiology, Zoology, Statistical analyses, Mathematics, Remote Sensing and other natural science subjects.</p> | 1996 |

EXPERIENCE IN RESEARCH PROJECTS IN CURRENT POSITION

<p>SOLUTIONS - Nye løsninger for nedvisning av potetris, bekjempelse av ugras og utløpere i jordbær og ugraskontroll i eplehager [New solutions for potato canopy desiccation, control of weeds and runners in field strawberries & weed control in apple orchards] https://www.nibio.no/prosjekter/solutions-nye-losninger-for-nedvisning-av-potetris-bekjempelse-av-ugras-og-utloperer-i-jordbaer-og-ugraskontroll-i-eplehager?locationfilter=true <i>TW Berge is project leader and leader of two Tasks</i></p>	2021-
<p>DAT GreenPatch - Precision Agriculture Sensor for Weed Species Recognition and Targeted Weed Control <i>NIBIO is R&D provider and TW Berge is principal scientist in NIBIO</i></p>	2021-
<p>Dydpamping - en ny metode som kan redusere plantevernmidler i gulrotproduksjon [Deep steaming – a new method to reduce pesticide use in the carrot production] <i>NIBIO is R&D provider; TW Berge is local project manager and principal scientist on weed control</i></p>	2021-
<p>PRESIS - Presisjonsjordbruk ut i praksis – forskningsbasert utvikling og kvalitetssikring av klimavennlige tjenester som er lønnsomme for bonden. [Precision agriculture into practice – R&D-based development and validation of climate-friendly and cost-effective services for farmers] https://www.nibio.no/nyheter/lager-brukervennlige-teknologiske-tjenester-for-norske-gardbrukere?locationfilter=true <i>TW Berge is leading Task on Weeds.</i></p>	2020-
<p>PresiHøstkorn - Redusert forbruk av ugrasmidler i korn: Skadeterskler for presisjonsprøyting i høstkorn [Threshold models for precision herbicide application in winter cereals] https://www.landbruksdirektoratet.no/no/miljo-og-okologisk/klima-og-miljoprogrammet/prosjekter-pvm/integrert-plantevern/presihøstkorn-reduert-forbruk-av-ugrasmidler-i-korn-skadeterskler-for-presisjonsprøyting-i-høstkorn <i>TW Berge is principal researcher and project leader</i></p>	2020-
<p>AC/DC – weeds Applying and Combining Disturbance and Competition for an agro-ecological management of creeping perennial weeds https://www.nibio.no/en/projects/ac-dc-weeds-applying-and-combining-disturbance-and-competition-for-an-agro-ecological-management-of-creeping-perennial-weeds?locationfilter=true <i>TW Berge is national leader of WP Monitoring</i></p>	2019-
<p>DROPTEK – [Evaluation of robotic drop-on-demand technology for intra-row weed control in vegetables]. <i>NIBIO is subcontractor and TW Berge is local project leader and principal scientist in NIBIO</i></p>	2018-
<p>ECRUSLI – Controlling <i>Echinochloa-crus-galli</i> in cereals, potatoes and vegetables https://www.nibio.no/prosjekter/ecrusli-bekjemping-av-honsehirse-i-korn-potet-og-gronnsaker <i>TW Berge lead two WPs and three Tasks and was principal scientist</i></p>	2017-2020
<p>SMARTCROP – Innovative approaches and technologies</p>	2015-2019

for Integrated Pest Management to increase sustainable food production

(<https://www.nibio.no/en/projects/smartcrop?locationfilter=true>)

TW Berge is leading one WP, two tasks and is principal scientist

Innovationer för hållbar växtodling

2016-2018

[Innovations for sustainable crop production]

(<https://www.nibio.no/prosjekter/innovasjon-for-baerekraftig-plantedyrking?locationfilter=true>)

NIBIO was partner and TW Berge was project leader and principal scientist in NIBIO

VEGINN - Innovasjon for bedre ugresskontroll i grønnsaker

2014-2018

[Innovations for better weed control in vegetables]

(<https://www.nibio.no/prosjekter/vegin-innovasjon-for-bedre-ugresskontroll-i-gronnsaker?locationfilter=true>)

NIBIO was subcontractor and TW Berge was project leader and principal scientist in NIBIO

WeedSeeker - [Test of technology for automatic patch spraying of glyphosate in cereals]

2016-2018

(<https://www.nibio.no/prosjekter/test-av-kommersiell-teknologi-for-precisionsproyting?locationfilter=true>)

TW Berge was principal researcher and project leader

AUTOHOE – [Sensor-guided weed hoeing in cereals]

2014-2017

(www.bioforsk.no/radrensing)

TW Berge was WP leader and principal scientist

PlantStrength – Strengthening the basis of sound plant protection by understanding the ecology and interactions of different pest groups and beneficials in Norwegian cereals

2012-2017

TW Berge was in charge of one work package

MULTISENS - Multisensory precision agriculture

2011-2015

- improving yield and reducing environmental impact

(www.bioforsk.no/multisens)

TW Berge was principal researcher in two work packages

STRAPP- Strategies for implementation of sound cereal production methods with low loss of pesticides and phosphorus

2013-2015

(www.bioforsk.no/strapp)

TW Berge was principal researcher in one work packages

Weedcer - Automatic weed detection for patch spraying in cereals

2007-2009

(www.bioforsk.no/weedcer)

TW Berge was principal researcher

CO-SUPERVISION OF GRADUATE STUDENTS AND RESEARCH FELLOWS

Co-advisor for PhD student Stephanie Saussure,

2019

Norwegian Univ. of Life Sciences, Dep. of Plant Sciences, Ås, Norway

Co-advisor for PhD student Trygve Utstumo,

2018

Norwegian Univ. of Science and Technology,

Dep. of Engineering Cybernetics, Trondheim, Norway

Co-advisor for MSc students at Norwegian University of Life Sciences, Ås, Norway:

- Dudek, David J. Weed harrowing in spring barley: timing and intensity.

2011

- Stout, Daniel. Effects of management practices on control of docks (*Rumex* spp.) when renewing highly infested organic grassland 2010

TEACHING ACTIVITIES

Invited lecturer giving 2-6 hours of lectures in two courses related to weed science/site-specific weed and pest management (PLV200, PLV340, SDG302), Dept. Plant Sciences, Norwegian University of Life Sciences (NMBU), Norway 2007-2021

REFEREE IN INTERNATIONAL JOURNALS

- Weed Research
- Weed Science
- Biosystems Engineering
- Computers and Electronics in Agriculture
- Sensors

INTERNATIONAL RESEARCH NETWORK

- European Weed Research Society
- International Society of Precision Agriculture
- Nordic Association of Agricultural Scientists

PUBLICATIONS (peer review)

- Bitarafan, Z., Kaczmarek-Derda, W., Berge, T. W., Tørresen, K. S., & Fløistad, I. S. 2022. Soil steaming to disinfect barnyardgrass-infested soil masses. *Weed Technology*, 1-26.
<https://www.cambridge.org/core/journals/weed-technology/article/soil-steaming-to-disinfect-barnyardgrassinfested-soil-masses/70CFBC8D3490E42ECD6700C2F8A108A8>
- Lati, R. N., Rasmussen, J., Andujar, D., Dorado, J., Berge, T. W., Wellhausen, C., ... & Christensen, S. 2021. Site-specific weed management—constraints and opportunities for the weed research community: Insights from a workshop. *Weed Research*, 61(3), 147-153. <https://onlinelibrary.wiley.com/doi/full/10.1111/wre.12469>
- Ringselle B., Oliver, B. W., Berge T. W., Fløistad, I. S., Berge, L. & Brandsæter, L.O. 2021. Dry weight minimum in the underground storage and proliferation organs of six creeping perennial weeds. *Weed Research*, 61(3), 231-241. <https://onlinelibrary.wiley.com/doi/10.1111/wre.12476>
- Oliver, B. W., Berge, T. W., Solhaug, K. A., & Fløistad, I. S. 2020. Hot water and cutting for control of *Impatiens glandulifera*. *Invasive Plant Science and Management*, 13(2), 84-93.
<https://www.cambridge.org/core/journals/invasive-plant-science-and-management/article/hot-water-and-cutting-for-control-of-impatiens-glandulifera/18D706EC2E4313CFFD1A5DD99FFC9710#>
- Lavik, M. S., Hardaker, J. B., Lien, G., & Berge, T. W. 2020. A multi-attribute decision analysis of pest management strategies for Norwegian crop farmers. *Agricultural Systems*, 178, 102741.
<https://www.sciencedirect.com/science/article/pii/S0308521X18312629>
- Ringselle B., Berge T.W., Stout D., Breland, T. A., Hatcher, P.E., Haugland, E., Koesling, M., Mangerud, K., Lunnan T. & Brandsæter, L. O. 2019. Effect of renewal timing, taproot cutting, ploughing practice, false seedbed and companion crops on docks (*Rumex* spp.) when renewing grassland. *European Journal of Agronomy* 103: 54-62. <https://www.sciencedirect.com/science/article/pii/S1161030118303435>
- Utstumo, T., Dørum, J., Netland, J., Urdal, F., Overskeid, Ø., Brevik, A., Berge, T. W. & Gravidahl, J.T. 2018. Robotic in-row weed control in vegetables. *Computers and Electronics in Agriculture* 154: 36-45
<https://www.sciencedirect.com/science/article/pii/S016816991830276X?via%3Dihub>
- Brandsæter, L.O., Mangerud, K., Helgheim, M. & Berge, T.W. 2017. Control of perennial weeds in spring cereals through stubble cultivation and mouldboard ploughing during autumn or spring. *Crop Protection* 98: 16 -23, <http://dx.doi.org/10.1016/j.cropro.2017.03.006>
- Peteinatos, G., Korsæth, A., Berge, T.W. & Gerhards, R. 2016. Using optical sensors to identify water deprivation, nitrogen shortage, weed presence and fungal infection in wheat. *Agriculture* 6, 24, doi: 10.3390 (<https://www.mdpi.com/2077-0472/6/2/24>)
- Streibig, JC, Rasmussen, J., Andújar, D., Andreasen, C., Berge, TW *et al.* 2014. Sensor-based assessment of herbicide effects. *Weed Research* 54: 223-233 (<https://onlinelibrary.wiley.com/doi/full/10.1111/wre.12079>).

- Berge, TW, Goldberg, S., Kaspersen, K. & Netland, J. 2012. Towards machine vision based site-specific weed management in cereals. *Computers and Electronics in Agriculture* 81: 79-86 (<https://www.sciencedirect.com/science/article/pii/S0168169911002602?via%3Dihub>).
- Berge, TW, Aastveit, A & Fykse, H. 2008. Evaluation of an algorithm for automatic detection of broad-leaved weeds in spring cereals. *Precision Agriculture* 9: 391-405 (<https://link.springer.com/article/10.1007/s11119-008-9083-z>).
- Berge, TW, Cederkvist, HR, Fykse, H & Aastveit, AH. 2008. Simulating the effects of mapping and spraying resolution and threshold level on accuracy of patch spraying decisions and herbicide use on mapped weed data. *Acta Agriculturae Scandinavica Section B - Soil and Plant Science* 58: 216-229 (<https://www.tandfonline.com/doi/abs/10.1080/09064710701593087>).
- Berge, TW, Fykse, H & Aastveit, AH. 2007. Patch spraying of weeds in spring cereals: Simulated influences of threshold level and spraying resolution on spraying errors and potential herbicide reduction. *Acta Agriculturae Scandinavica Section B - Soil and Plant Science* 57: 212-221 (<https://www.tandfonline.com/doi/abs/10.1080/09064710600914202>).
- Dahlberg, U, Berge, TW, Petersson, H & Vencatasawmy, CP. 2004. Modelling biomass and leaf area index in a sub-arctic Scandinavian mountain area. *Scandinavian Journal of Forest Research* 19: 60-71 (<https://www.tandfonline.com/doi/full/10.1080/02827580310019266>).

OTHER PUBLICATIONS AND ORAL PRESENTATIONS (SINCE 2005)

- Berge T W. 2022. Resultater fra ugrasfeltene i grønnsaker 2021. Muntlig presentasjon på videomøtet «Erfaringsutveksling i plantevern for grønnsaker» arrangert av Norsk Landbruksrådgiving, 26. januar 2022.
- Berge, T. W. 2021. Precision Crop Protection. Muntlig presentasjon ifm kurset «Sustainable plant production» (SDG 302) ved NMBU, Ås, 23. august 2021.
- Berge, T. W. 2021. Presentasjon av prosjektet SOLUTIONS. Muntlig presentasjon på videomøte på Kontaktmøte mellom Landbruks- og matdepartementet og NIBIO. Ås, 16. juni 2021.
- Berge, T. W. 2021. Presentasjon av prosjektet SOLUTIONS. Muntlig presentasjon på videomøte i FIV-forumet (Gartnerhallen, Bama, Grofondet, NIBIO, NOFIMA, NLR, SINTEF, NMBU). Ås, 12. mai 2021.
- Berge, T. W. 2021. Site-specific weed management. Muntlige presentasjoner på Zoom ifm kurset «Ugras - biologi og samspill med kulturvekster» (PLV 340) ved NMBU, Ås, 8.-9. april 2021.
- Berge, T. W. 2021. Ugrasforsøk i gulrot og rotpersille i Norge i 2020. Muntlig presentasjon på videomøte i regi av EU Interreg ØKS «Regionalt nettverk og samarbejde om plantebeskyttelse i specialfrøder», 11. februar 2021.
- Berge T W. 2021. Resultater fra ugrasfeltene i grønnsaker 2020. Muntlig presentasjon på videomøtet «Erfaringsutveksling i plantevern for grønnsaker» arrangert av Norsk Landbruksrådgiving, 27. januar 2021.
- Berge, T. W. 2021. Presis teknologi: Ugras. Muntlig presentasjon på videomøtet Felles møte NIBIO og SINTEF, Ås, 14. januar 2021.
- Wærnhus, K., Berge, T. W., Christiansen, A., Fløistad, I., Kaczmarek-Derda, W. A., Tørresen, K., & Aamlid, T. 2021. Biologisk veiledningsprøving 2020. Ugrasmidler. NIBIO Rapport 7 (32), 178 sider.
- Tørresen, K. S., Berge, T. W., Sjursen, H. 2020. Hønsehirse – *Echinochloa crus-galli*. Artikkel i Plantevernleksikonet på nibio.no, 17. desember 2020.
- Berge, T. W. 2020. Forebygging: Hvordan oppdage hønsehirse i kornåkeren? Nå og i framtida (droner)? Muntlig presentasjon på videomøte, ECRUSLI Sluttseminar, NIBIO, Ås, 7. desember 2020.
- Berge, T. W. 2020. Forebygging: Hindre frø i frøbanken: Hvor stor betydning har det at smådyr og insekter spise hønsehirsefrø? Muntlig presentasjon på videomøte, ECRUSLI Sluttseminar, NIBIO, Ås, 7. desember 2020.
- Berge, T. W. & Saastad, H.M. 2020. Tiltak i grønnsaker: Kjemiske ugrasmidler, radrensing og flammings mot hønsehirse. Muntlig presentasjon på videomøte, ECRUSLI Sluttseminar, NIBIO, Ås, 7. desember 2020.
- Berge, T. W. 2020. Tiltak i grønnsaker: Termiske metoder (varmt vann og damping) mot hønsehirse. Muntlig presentasjon på videomøte, ECRUSLI Sluttseminar, NIBIO, Ås, 7. desember 2020.
- Oliver, B.W., Berge, T. W., Solhaug, K. A. & Fløistad, I.S. 2020. Tiltak mot kjempespringfrø. Park & anlegg: fagblad for grøntanleggssektoren, 10 2020, side 28-30.

- Berge, T. W. 2020. Ugrasforsøk i gulrot i Norge i 2020. Muntlig presentasjon på videomøte i regi av EU Interreg ØKS «Regionalt nettverk og samarbejde om plantebeskyttelse i specialfrøder», 28 september 2020.
- Berge, T. W. 2020. Ugras i korn: Innovative teknikker for behovsbasert bekjempelse. Muntlig presentasjon på Zoom ifm kurset «Sykdommer, skadedyr og ugras i jord- og hagebruk» (PLV 200) ved NMBU, Ås, 24. november 2020.
- Berge, T. W. 2020. Ugrasforsøk i grønnsaker – Resultater fra Norge i gulrot, rotpersille og pastinakk i sesongen 2019. Muntlig presentasjon på møte i regi av EU Interreg ØKS «Regionalt nettverk og samarbejde om plantebeskyttelse i specialfrøder», Elite Hotel Ideon, Lund, Sverige, 4-5 mars 2020.
- Wærnhus, K., Ringselle, B., Tørresen, K., & Berge, T. W. 2020. Biologisk veiledningsprøving 2019. Ugrasmidler. NIBIO Rapport 6 (22), 210 sider.
- Berge T W. 2020. Framtidas ugraskamp [Future weeding]. Invited talk at NLR Teknikkmøtet, Thon Hotel Oslo Airport, Gardermoen, Norway, 6 February 2020.
- Berge T W. 2020. Resultater fra ugrasfeltene i grønnsaker 2019. Muntlig presentasjon på møtet «Erfaringsutveksling i plantevern for grønnsaker» arrangert av Norsk Landbruksrådgiving. Quality Airport Hotel Gardermoen, Norge, 27-28. januar 2020.
- Berge T W, T Torp, M Vallestad & F Urdal. 2019. Precision weed harrowing in spring cereals. Oral presentation at the 2019-meeting of EWRS (European Weed Research Society) working group "Site Specific Weed Management", Southern Denmark University, Odense, Denmark, October 2019.
- Berge T W & F. Urdal. 2019. IPM Tool: Sensor-based weed harrowing in cereals. Oral presentation at the end-of project seminar of SMARTCROP, Vitenparken, Ås, Norway, 3 September 2019.
- Berge T W & H Antzée-Hyllseth. 2019. Predation of weed seeds (*Echinochloa crus-galli*) in spring cereals in SE Norway. Oral presentation and summary proceeding. 7th meeting of the EWRS (European Weed Research Society) working group "Weeds and biodiversity", Hohenheim University, Stuttgart, Germany, June 2019.
- Berge T W. 2019. Presis ugrashåndtering [Precision weeding]. Oral presentation at the 2nd NIBIO-conference, Hellerudsletta, Norway, 13 February 2019.
- Wærnhus, K., Aamlid, T. Berge, T W, Ringselle, B. & Tørresen, K T. 2019. Biologisk veiledningsprøving 2018. Ugrasmidler. NIBIO Rapport, 5 (15), 152 p. ISBN: 978-82-17-02264-0.
- Tørresen K. S., Brandsæter, L. O., Netland, J. Berge, T. W., Ringselle, B. & Strand, E. 2018. Alternativer til glyfosat i korn og grasmark. [Alternatives to glyphosate in cereals and grassland]. NIBIO Rapport, 4 (79), 72p. ISBN: 978-82-17-02128-5.
- Berge, T. W. 2018. Nya tekniker för hållbar ogräsbekämpning: Sensor-styrt ugrasharving i bygg. Oral presentation and 2 page handout at Grøna møten: Hållbar växtodling för långsiktig lönsamhet/Framtidsspaning för hållbart lantbruk i Norden, 5.-6. desember 2018, Naturbruksskolan Uddetorp, Skara, Sverige.
- Berge, T. W. 2018. Sensor-basert ugraskontroll. Oral presentation and summary. Nationell Växtskyddskonferens 14-15 november 2018, Ultuna, Uppsala, Sverige, 1 p. <https://www.slu.se/contentassets/8243e6d7a9464b079543fc7e7018e9d2/vaxtskydd2018-program-bok.pdf>
- Tørresen, KS, Berge, TW, Bjugstad, N & Netland, J. 2018. How to manage increasing problems with *Echinochloa crus-galli* in northern Europe. Poster and Abstract at 18th European Weed Research Society Symposium, Ljubljana, Slovenia, 17-21 June 2018
- Berge, TW. & Wærnhus, K. 2018. Automatisk flekksprøyting av glyfosat i gulmoden bygg og stubb om høsten [Automatic patch spraying of glyphosate in barley and stubble]. Poster at the 1st NIBIO-conference, Hellerudsletta, Norway, February 2018
- Stenrød, M., Berge, TW *et al.* 2017. Integrated pest management and farmer awareness – a Norwegian case study. Abstract and Poster presented at the 7th International Conference on Pesticide Behaviour in Soils, Water and Air. Ron Cooke Hub, York, North Yorkshire, UK, 30 August - 1 September 2017.
- Berge, TW, 2017. Oral presentation entitled "The DAT sensor – precision weed control in cereals" at Agri-Robotics seminar arranged by Norwegian University of Life Sciences, Ås, Norway, 4 August 2017.

- Berge, TW. 2017 Oral presentation entitled "Presisjonsbekjempelse av ugras – teknologiske muligheter" [Precision control of weeds – technological possibilities] at open day arranged by Center for Precision Agriculture at NIBIO, Apelsvoll, Kapp, Norway, 15 June 2017
- Berge, TW. 2017 Oral presentation (via Skype) at seminar entitled "Smarta lösningar med ny sensorteknik och bildanalys - seminarium med fokus på växtskydd" [Smart solutions through new sensor technologies and machine vision – seminar with focus on crop protection] arranged by Partnerskap Alnarp, Swedish University of Agriculture, Alnarp, Sweden, 18 May 2017.
- Berge, TW. 2017. Oral presentation entitled "Presisjonssprøyting av ugras i korn – utstyr og miljøgevinst" [Precision control of weeds in cereals – equipment and environmental benefits] at meeting for farmers entitled "Ny teknologi i landbruket" [New technologies in the agriculture] arranged by PURA, Follo landbrukskontor og Ås Landbrukslag, Ås, Norway, 9 May 2017.
- Kaurstad, O.K., Urdal, F. & Berge, TW. 2017. Oral presentation entitled "Presisjonssprøyting" [Precision Spraying] at meeting KORN 2017 [CEREALS 2017] arranged by NIBIO and The Norwegian Extension Service, Quality Hotell Olavsgaard, Skjetten, Norway, 13-14 February 2017.
- Berge, TW, Utstumo, T, Urdal, F & Tørresen, KS. 2016. Tools and technologies for reduced herbicide use in cereals. Oral presentation at the 2nd joint NJF - Agromek- EurAgEng joint seminar, 28-29 November 2016, Herning, Denmark.
- Tørresen, KS & Berge, TW. 2016. The potential of two tools for integrated weed management to reduce herbicide use against annual weeds in cereals. Oral presentation at 7th International Weed Science Congress, Prague, Czech Republic, 19-25 June 2016.
- Utstumo, T, Berge, TW & Gravidahl, T. 2015. Non-linear model predictive control for navigation in row crops. IEEE International Conference on Industrial Technology, Seville, Spain 17-19 March 2015.
- Berge, TW. 2015. Evaluering av DAT ugrassensor 2013-2014. Sluttrapport [Evaluation of DAT weed sensor 2013-2014. Final report]. Bioforsk Rapport, 10 (4).
- Berge, TW, Utstumo, T & Netland, J. 2015. Kartlegging av flerårig ugras i kornåker med automatisk bildeanalyse – basis for presisjonssprøyting [Automatic image analysis to map perennial weeds for precision spraying in cereals]. Bioforsk FOKUS 10 (2) (ISBN 978-82-17-01389-1): 30.
- Utstumo, T, Dørum, J, Arbo, M, Berge, TW, Goldberg, S, Overskeid, Ø & Gravidahl, T. 2015. Asterix – Automatisk ugraskontroll i radkulturer [Asterix- automatic weed control in row-crops]. Bioforsk FOKUS 10 (2) (ISBN 978-82-17-01389-1): 129.
- Stenrød, M, Tørresen, K, Berge, TW, Ficke, A, Eklo, OM, Øgaard, AKF, Flaten, O, Refsgaard, K, Kvakkestad, V. 2015. IPM-strategies for cereal production - a Norwegian case-study, Bioforsk FOKUS 10 (2) (ISBN 978-82-17-01389-1): 120.
- Gustafsson, K, Hauge Madsen & T W Berge. 2014. Sustainable agriculture through precision farming. NJF Report (ISSN 1653-2015) 10 (10): 27-31.
- Gustafsson, K, Hauge Madsen, K. & Berge, TW. 2014 Hållbart jordbruk genom precisionsodling [Sustainable farming through precision agriculture]. Brosjyre.
- Gustafsson, K, Hauge Madsen, K. & Berge, TW. 2014. Hållbart jordbruk genom precisionsodling. Förstudie Öresund-Kattegat-Skagerrak-området [Sustainable farming through precision agriculture. Pre-study Öresund-Kattegat-Skagerrak region]. Rapport, 23 sider.
- Karlsen, R, Guren G & Berge TW. 2014. Temadag i Danmark: Mekanisk bekjempelse av ugras i frilandsgrønnsaker [Report from Denmark: Mechanical weeding in field vegetables]. Gartneryrket nr. 6/2014: 10-12.
- Berge, TW. 2014. Presisjonsjordbruk i Norge: Presisjonssprøyting av ugras [Precision farming in Norway: Precision spraying of weeds]. Presentasjon på Borgeby Fältdagar, Sverige, 25 - 26. juni 2014.
- Streibig, JC, J Rasmussen, D Andújar, C Andreassen, TW Berge *et al.* 2013. Sensors for herbicide efficacy assessment, Poster at 16th European Weed Research Society Symposium 2013, Samsun, Turkey, 24-26 June 2013.
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