



Short CV Göran Bergkvist

Present employment.

Professor in weed ecology and weed management, Department of Crop Production Ecology (VPE), SLU, Box 7043, 750 07 Uppsala, tfn 018-672910, Goran.Bergkvist@slu.se

Previous employments.

2019-2021 Senior lecturer, VPE, SLU – crop production science with specialisation in annual crops
2013-2019 Researcher in career track, VPE, SLU – agricultural cropping systems
2009-2013 Assistant professor, VPE, SLU (foskarassistent) – physiological characteristics of crops in a changing climate
2003-2009 Researcher – cropping systems, SLU
1995-2003 PhD/assistant researcher in crop production science, SLU

Education.

Docent in Crop Production Science, VPE, SLU (2016)
PhD in Crop Production Science at SLU (2003). Perennial clovers and ryegrasses as understorey crops in cereals
MSc in agriculture (Soil/plant) at SLU (1993)

Major current special assignments at SLU.

2016- Vice dean at the NJ-faculty, responsible for infrastructures and collaboration with external partners within agricultural sciences
2025- Chairman in the steering group of the Program for Agricultural Field Research, including the agricultural long-term experiments, four field research stations, SLU Fältforsk etc.
2016- Chairman of committee of SLU Fältforsk. A joint venture between SLU and the agricultural sector in agricultural field research.
2023- Chairman of the steering group of Regional agricultural research for northern Sweden (RJN). A research and development programme to strengthen agriculture in Norrland
2022- Member of The SLU Council for External Collaboration (SAR)
2017- Member of the steering committee of SLU Future Food

Teaching

I teach in basic and advanced courses related to crop production ecology. My teaching subjects are conditions for growth, cereal production, competition in short lived stands, weed ecology, crop rotations, cropping systems etc.

Research

My aim is to contribute knowledge to the development of cropping and farming systems that are locally adapted, productive and sustainable in all dimensions with special emphasis on weed ecology and weed management.

Bibliography.

I am the author of 78 articles in peer reviewed journals, cited 4916 times and h-index 34 according to Google Scholar on 8 February 2026.

<https://scholar.google.com/citations?user=ZrC50o8AAAAJ&hl=sv&oi=ao>

Examples of recent publications in peer reviewed journals

- Chopin, P., Hermouet, S., Watson, C., Oborn, I. and Bergkvist, G. (2026) A novel framework to study the evolution of crop rotation diversity reveals changes towards regional crop type specialisation in Sweden. *European Journal of Agronomy* 172, 127848.
- Lagerquist, E., Bergkvist, G., Menegat, A. (2025) Management-induced micro-habitats in crop fields alter the trait composition of arable plant communities, *Basic and Applied Ecology* 87, 66-73.
- van Ittersum, M. K., Silva, J. V., Riccardo Bommarco, R., Hijbeek, R., Lundin, O., Nandillon, R., Bergkvist, G., Menegat, A., Öborn, I., Söderholm-Emas, A., Stoddard, F. L., Vico, G., Vonk, W.J., Watson, C. A, MacLaren, C. (2025). Narrowing the ecological yield gap to sustain crop yields with less inputs. *Global Food Security* 45, 100857.
- Savić, A., Ringselle, B., Barroso-Bergadà, D., Bohan, D.A. & Bergkvist, G. (2025) Burial depth and temperature effects on the germination and viability of Giant ragweed (*Ambrosia trifida* L.) seeds. *Weed Research*, 65(1), e70004.
- Sandström, E., Ortman, T., Watson, C., Bengtsson, J., Gustafsson, C. & Bergkvist, G. (2024) Saving, sharing and shaping landrace seeds in commons: unravelling seed commoning norms for furthering agrobiodiversity. *Agric Hum Values* 41, 1825-1840.
- Lagerquist, E., Vogeler, I., Kumar, U., Bergkvist, G., Lana, M., Watson, C.A. & Parsons, D. (2024) Assessing the effect of intercropped leguminous service crops on main crops and soil processes using APSIM NG. *Agricultural Systems* 216.

Examples of outreach activities.

Many of my projects are conducted in collaboration with industry, advisors and farmers. I have given invited presentations directed to stakeholders more than 100 times since 2015. I have organised one or two seminars or workshops every year since 2005, focusing on topics relevant for Swedish agriculture. I have been a member of the organising committee of the annual crop production conference in Växjö and Hässleholm since 2017.