

CV dr. ir. A.J. Termorshuizen

Consultant bodemgezondheid en plantenpathogenen / soil quality & plant pathogens
Tel. +31-620432168, e-mail aad.termorshuizen@bodemplant.nl
www.bodemplant.nl / www.soilcrop.nl

Opleiding / Education

- 1984 MSc, Wageningen University, specialisatie Fytopathologie / specialisation Phytopathology.
1990 PhD, Wageningen University, ectomycorrhiza.
2026 Gerechtigd Deskundige (opleiding PAO Leiden Univ., met lof/cum laude)

Dienstverband / Employments

- 2017-.... Aad Termorshuizen Consultancy, onafhankelijk consultant bodemgezondheid en plantenpathogenen / independent consultant soil quality and plant pathogens.
2007-2017 BLGG (Eurofins; <http://eurofins-agro.com/nl-nl/>) & Soil Cares Research (<http://www.soilcares.com/en>), Wageningen, senior wetenschapper bodemkwaliteit en plantenpathogenen / senior scientist soil quality and plant pathogens.
1991-2007 Universitair docent, vanaf 2004 hoofddocent, bij Fytopathologie, vanaf 1999 bij Biologische bedrijfssystemen, van Wageningen Universiteit. Specialisatie: bodemweerbaarheid en bodemgebonden plantenpathogenen / Assistant professor, since 2004 associate professor, at Phytopathology, since 1999 at Biological Farming Systems, Wageningen University. Specialisation: soil suppressiveness and soil-borne plant pathogens.
1990-1991 Instituut voor Plantenziektkundig Onderzoek, Wageningen, postdoc. Mogelijkheden voor nieuwe gewassen in de Nederlandse landbouw, gezien vanuit plantenziektkundige hoek / Institute of Plant Pathological Research, Wageningen, postdoc. Possibilities for new crops in Dutch agriculture, from a plant pathological point of view.
1989-1990 Vakgroep Bosbouw, Wageningen Universiteit, postdoc. De invloed van bosbemesting op ectomycorrhiza en hun vruchtlichamen / Department of Forestry, Wageningen University, postdoc. The influence of forest fertilization on ectomycorrhiza and their fruiting bodies.
1985-1989 Vakgroep Fytopathologie, Wageningen Universiteit. PhD-onderzoek: Decline of carpophores of mycorrhizal fungi in stands of *Pinus sylvestris* / Department of Phytopathology, Wageningen University. PhD Research: Decline of carpophores of mycorrhizal fungi in stands of .

Ervaring als expertiserend deskundige

- Getuige-deskundige bij een rechtszaak over zieke onderstammen van roos (rechtbank Groningen) (augustus 2004).
- Partijdeskundige bij een rechtszaak over zieke aardappelen (mei 2024).
- Deskundige bij een rechtszaak over slecht groeiende paprikaplanten (januari 2025).
- Deskundige bij een mediation over kwaliteit van geleverd plantgoed (juli 2025).

Lijst van publicaties / List of publications

Gerefeerde wetenschappelijke artikelen en boekhoofdstukken / Refereed articles and book chapters

1. Ampt, E.A., van Ruijven, J., Zwart, M.P., Raaijmakers, J.M., Termorshuizen, A.J., Mommer, L. 2022. Plant neighbours can make or break the disease transmission chain of a fungal root pathogen. *New Phytologist* 233: 1303-1316. <https://doi.org/10.1111/nph.17866>, open access.
2. Ampt, E.A., Francioli, D., van Ruijven, J., Gomes, S.I.F., Maciá-Vicente, J.G., Termorshuizen, A.J., Bakker, L.M., Mommer, L. 2022. Deciphering the interactions between plant species and their main fungal root pathogens in mixed grassland communities. *Journal of Ecology*, in press. <https://doi.org/10.1111/1365-2745.14012>, open access.
3. Hannula, S.E., Di Lonardo, D.P., Christensen, B.T., Crotty, F.V., Elsen, A., van Erp, P.J., Hansen, E.M., Rubæk, G.H., Tits, M., Toth, Z., Termorshuizen, A.J. 2021. Inconsistent effects of agricultural practices on soil fungal communities across 12 European long-term experiments. *European Journal of Soil Science* 72: 1902-1923. <https://doi.org/10.1111/ejss.13090>, open access.
4. Francioli, D., van Rijssel, S.Q., van Ruijven, J., Termorshuizen, A.J., Cotton, T.E.A., Dumbrell, A.J., Raaijmakers, J.M., Weigelt, A., Mommer, L. 2021. Plant functional group drives the community structure of saprophytic fungi in a grassland biodiversity experiment. *Plant and Soil*, 461 (1-2), pp. 91-105. <https://doi.org/10.1007/s11104-020-04454-y>, open access.
5. Ampt, E.A., van Ruijven, J., Raaijmakers, J.M., Termorshuizen, A.J., Mommer, L. 2018. Linking ecology and plant pathology to unravel the importance of soil-borne fungal pathogens in species-rich grasslands. *European Journal of Plant Pathology* 154: 141-156. <https://doi.org/10.1007/s10658-018-1573-x>.
6. Mommer, M., Cotton, T.E.A., Raaijmakers, J.M., Termorshuizen, A.J., van Ruijven, J., Hendriks, M., Hendriks, M., van Rijssel, Q., van de Mortel, J.E., van der Paauw, J.W., Schijlen, E.G.W.M., Smit-Tiekstra, A.E., Berendse, F., de Kroon, H., Dumbrell, A.J. 2018. Lost in diversity: the interactions between soil-borne fungi, biodiversity and plant productivity. *New Phytologist* 218: 542-553. <https://doi.org/10.1111/nph.15036>, open access.
7. van Agtmaal, M., Straathof, A.L., Termorshuizen, A.J., Lievens, B., Hoffland, E., de Boer, W. 2018. Volatile-mediated suppression of plant pathogens is related to soil properties and microbial community composition. *Soil Biology & Biochemistry* 117: 164-174. <https://doi.org/10.1016/j.soilbio.2017.11.015>.
8. Ho, A., Ijaz, U.Z., Janssens, T.K.S., Ruijs, R., Kim, S.Y., de Boer, W., Termorshuizen, A.J., van der Putten, W.H., Bodelier, P.L.E. 2017. Effects of bio-based residue amendments on greenhouse gas emission from agricultural soil are stronger than effects of soil type with different microbial community composition. *Global Change Biology Bioenergy* 9: 1707-1720. <https://doi.org/10.1111/gcbb.12457>, open access.
9. van Agtmaal, M., Straathof, A., Termorshuizen, A.J., Teurlincx, S., Hundscheid, M., Ruyters, S., Busschaert, P., Lievens, B., de Boer, W. 2017. Exploring the phytopathogenic seedbank of agricultural soils. *Applied Soil Ecology* 121: 152-160. <https://doi.org/10.1016/j.apsoil.2017.09.032>.
10. Quist, C., Gort, G., Mulder, C., Wilbers, R.H.P., Termorshuizen, A.J., Bakker, J., Helder, J. 2017. Feeding preference as a main determinant of microscale patchiness among terrestrial nematodes. *Molecular Ecology Resources* 2017: 1-14 <https://doi.org/10.1111/1755-0998.12672>, open access.
11. Termorshuizen, A.J. 2016. Ecology of fungal plant pathogens. *Microbiology Spectrum* 4(6):FUNK-0013-2016. <https://doi.org/10.1128/microbiolspec.FUNK-0013-2016>.
12. Ho, A., Reim, A., Kim, S.Y., Meima-Franke, M., Termorshuizen, A.J., de Boer, W., van der Putten, W.H., Bodelier, P.L.E. 2015. Unexpected stimulation of soil methane uptake as emergent property of agricultural soils following bio-based residue application. *Global Change Biology* 21: 3864-3879. <https://doi.org/10.1111/gcb.12974>, open access.
13. Termorshuizen, A.J., Atallah, Z.K., Subbarao, K.V. 2015. Quantification of soil-borne pathogen populations. pp 87-93 in K.L. Stevenson & M.J. Jeger (eds), *Exercises in Plant Disease Epidemiology*, 2nd ed., American Phytopathological Society, 276 pp.
14. Reijneveld, J.A., Abbink, G.W., Termorshuizen, A.J., Oenema, O. 2014. Relationships between soil fertility, herbage quality, and manure composition on grassland-based dairy farms. *Journal of Agronomy* 56: 9-18. <https://doi.org/10.1016/j.eja.2014.02.004>.
15. Reijneveld, J.A., Termorshuizen, A.J., Vedder, H., Oenema, O. 2014. Strategy for innovation in soil tests illustrated for P tests. *Communications in Soil Science and Plant Analysis* 45: 498-515. <https://doi.org/10.1080/00103624.2013.863909>.
16. Termorshuizen, A.J. 2014. Soilborne plant pathogens. Ch. 7 in Dighton, J. & Krumins, J. (eds.), pp. 119-137

- in: Interactions in Soil: Promoting Plant Growth. Springer.
17. Stremińska, M.A., van der Wurff, A.W.G., Runia, W.T., Thoden, T.C., Termorshuizen, A.J., Feil, H. 2014. Changes in bacterial and fungal abundance in the soil during the process of anaerobic soil disinfestation. *Acta Horticulturae* 1041: 95-102.
 18. Stremińska, M.A., Runia, W.T., Termorshuizen, A.J., Feil, H., van der Wurff, A.W. 2014. Anaerobic soil disinfestation in microcosms of two sandy soils. *Communications in agricultural and applied biological sciences* 79: 15-19.
 19. Termorshuizen, A.J., Jeger, M.J. 2014. Assessing inoculum of soilborne plant pathogens: theory and practise in decision-making for soil disinfestation. *Acta Horticulturae* 1044: 75-80.
 20. Runia, W., Thoden, T.C., Molendijk, L.P.G., van den Berg, W., Termorshuizen, A.J., Stremińska, M.A., van der Wurff, A.W.G., Feil, H., Meints, H. 2014. Unravelling the mechanism of pathogen inactivation during anaerobic soil disinfestation. *Acta Horticulturae* 1044: 177-193.
 21. Biemond, P.C., Oguntade, O., Stomph, T.J., Kumar, P.L., Termorshuizen, A.J., Struik, P.C. 2013. Health of farmer-saved maize seed in north-east Nigeria. *European Journal of Plant Pathology* 137: 563-572. <https://doi.org/10.1007/s10658-013-0269-5>.
 22. Biemond, P.C., Oguntade, O., Kumar, P.L., Stomph, T.J., Termorshuizen, A.J., Struik, P.C. 2013. Does the informal seed system threaten cowpea seed health? *Crop Protection* 43: 166-174. <https://doi.org/10.1016/j.cropro.2012.09.007>.
 23. Hol, W.H.G., de Boer, W., Termorshuizen, A.J., Meyer, K.M., Schneider, J.H.M., van der Putten, W.H., van Dam, N.M. 2013. *Heterodera schachtii* nematodes interfere with aphid-plant relations on *Brassica oleracea*. *Journal of Chemical Ecology* 39: 1193-1203. <https://doi.org/10.1007/s10886-013-0338-4>, open access.
 24. Termorshuizen, A.J., Veerkamp, M.T. 2012. Fungi in spontaneous stands of Scots pine (*Pinus sylvestris*) in drift sands. *Field Mycology* 13: 118-123.
 25. Meyer, K.M., Vos, M., Mooij, W.M., Hol, W.H.G., Termorshuizen, A.J., van der Putten, W.H. 2012. Testing the paradox of enrichment along a land use gradient in a multitrophic aboveground and belowground community. *PLoS ONE* 7(11): e49034. <https://doi.org/10.1371/journal.pone.0049034>, open access.
 26. Jeger, M.J., Termorshuizen, A.J. 2012. The theory of inoculum: the relationship between disease incidence and inoculum density and dynamics of soil-borne plant pathogens. pp. 3-13 in A. Gamliel, J. Katan (eds.): *Soil Solarization – Theory and Practice*.
 27. Termorshuizen, A.J. 2012. Practical management of *Fusarium* wilt. pp. 133-140 in M.L. Gullino, Katan, J., Garibaldi, A. (eds.): *Fusarium management*, APS Press, St. Paul, Minnesota.
 28. Garbeva, P., Hol, W.H.G., Termorshuizen, A.J., Kowalchuk, G.A., de Boer, W. 2011. Fungistasis and general soil biostasis – A new synthesis. *Soil Biology & Biochemistry* 43: 469-477. <https://doi.org/10.1016/j.soilbio.2010.11.020>.
 29. Termorshuizen, A.J., Swertz, C.A. 2011. De roesten van Nederland / Dutch Rust Fungi. Publisher A.J. Termorshuizen, Doorwerth, The Netherlands. 424 pp. <https://bodemplant.nl/en/roesten/>.
 30. Thoden, T.C., Korthals, G.W., Termorshuizen, A.J. 2011. Organic amendments and their influences on plant-parasitic and free-living nematodes: a promising method for nematode-management? *Nematology* 2011: 13: 133-153. <https://doi.org/10.1163/138855410X541834>.
 31. Goud, J.C., Termorshuizen, A.J., van Bruggen, A.H.C. 2011. Verticillium wilt in nursery trees: Damage thresholds, spatial and temporal aspects. *European Journal of Plant Pathology* 131: 451-465. <https://doi.org/10.1007/s10658-011-9822-2>.
 32. Hanse, A.C., Schneider, J.H.M., Termorshuizen, A.J., M. Varrelmann, M. 2011. Pests and diseases contribute to sugar beet yield difference between top and average managed farms in the Netherlands. *Crop Protection* 30: 671-678. <https://doi.org/10.1016/j.cropro.2011.02.018>.
 33. Semenov, A.V., van Overbeek, L., Termorshuizen, A.J., van Bruggen, A.H.C. 2011. Influence of aerobic and anaerobic conditions on survival of *Escherichia coli* O157:H7 and *Salmonella enterica* serovar Typhimurium in Luria-Bertani broth, farm-yard manure and slurry. *Journal of Environmental Management* 92: 780-787. <https://doi.org/10.1016/j.jenvman.2010.10.031>.
 34. Ndiaye, M., Termorshuizen, A.J., van Bruggen, A.H.C. 2010. Effects of compost amendment and the biocontrol agent *Clonostachys rosea* on the development of charcoal rot (*Macrophomina phaseolina*) on cowpea. *Journal of Plant Pathology* 92: 173-180. <http://dx.doi.org/10.4454/jpp.v92i1.27>.

35. Hol, G., de Boer, W., Termorshuizen, A.J., Meyer, K.M., Schneider, J.H.M., van Dam, N.M., van Veen, J.A., van der Putten, W.H. 2010. Reduction of rare soil microbes modifies plant-herbivore interactions. *Ecology Letters* 13: 292-301. <https://doi.org/10.1111/j.1461-0248.2009.01424.x>, open access.
36. Reijneveld, J.A., Ehlert, P.A.I., Termorshuizen, A.J., Oenema, O. 2010. Changes in the soil phosphorus status of agricultural land in the Netherlands during the 20th century. *Soil Use & Management* 26: 399-411. <https://doi.org/10.1111/j.1475-2743.2010.00290.x>, open access.
37. Winkler, K., Wäckers, F.L., Termorshuizen, A.J., van Lenteren, J.C. 2010. Assessing risks and benefits of floral supplements in conservation biological control. *BioControl* 55: 719-727. <https://doi.org/10.1007/s10526-010-9296-8>, open access.
38. Arnolds, E.J.M., Kuyper, Th.W., Stalpers, A.J., Termorshuizen, A.J. 2010. Schimmels. pp. #-# in J. Noordijk, A.J. van Loon, R.M.J.C. Kleukers, E.J. van Nieukerken, De Nederlandse biodiversiteit. KNNV Publishing.
39. Termorshuizen, A.J., Veerkamp, M. 2010. Macrofungi in spontaneous stands of Scots pine (*Pinus sylvestris*) in drift sands. pp. 173-188 in J. Fanta, H. Siepel (eds), Inland drift sand landscapes. KNNV Publishing.
40. Messiha, N.A.S., van Bruggen, A.H.C., Franz, E., Janse, J.D., Schoeman-Weerdesteijn, M.E., Termorshuizen, A.J., van Diepeningen, A.D. 2009. Effects of soil type, management type and soil amendments on the survival of the potato brown rot bacterium *Ralstonia solanacearum*. *Applied Soil Ecology* 43: 206-215. <https://doi.org/10.1016/j.apsoil.2009.07.008>.
41. Meyer, K.M., Vos, M., Mooij, W.M., Hol, W.H.G., Termorshuizen, A.J., Vet, L.E.M., van der Putten, W.H. 2009. Quantifying the impact of above- and belowground higher trophic levels on plant and herbivore performance by modeling. *Oikos* 118: 981-990. <https://doi.org/10.1111/j.1600-0706.2009.17220.x>, open access.
42. Termorshuizen, A.J., Jeger, M.J. 2008. Strategies of soilborne plant pathogenic fungi in relation to disease suppression. *Fungal Ecology* 1: 108-114. <https://doi.org/10.1016/j.funeco.2008.10.006>.
43. Blok, W.J., Coenen, G.C.M., Lamers, J.G., Termorshuizen, A.J. 2008. The potential of biological soil disinfestation to manage fusarium foot and root rot in asparagus. *Acta Horticulturae* 776: 135-144.
44. Lozano, J., Blok, W.J., Termorshuizen, A.J. 2008. Effect of compost particle size on disease suppression. *Environmental Engineering Science* 26: 601-607. <https://doi.org/10.1089/ees.2008.0002>.
45. Ispahani, S.K., Goud, J.C., Termorshuizen, A.J., Morton, A., Barbara, D.J. 2008. Host specificity, but not high-temperature tolerance, is associated with recent outbreaks of *Verticillium dahliae* in chrysanthemum in the Netherlands. *European Journal of Plant Pathology* 122: 437-442. <https://doi.org/10.1007/s10658-008-9275-4>.
46. Franz, E., Semenov, A.V., Termorshuizen, A.J., Bokhorst, J.G., de Vos, O.J., van Bruggen, A.J. 2008. Manure-amended soil characteristics affecting the survival of *E. coli* O157:H7 in 36 Dutch soils. *Environmental Microbiology* 10: 313-327. <https://doi.org/10.1111/j.1462-2920.2007.01453.x>.
47. Mancini, F., Termorshuizen, A.J., Jiggins, J.L.S., van Bruggen, A.H.C. 2008. Increasing the environmental and social sustainability of cotton farming through farmer education in Andhra Pradesh, India. *Agricultural Systems* 96: 16-25. <https://doi.org/10.1016/j.agsy.2007.05.001>.
48. Semenov, A.V., Franz, E., van Overbeek, L., Termorshuizen, A.J., van Bruggen, A.H.C. 2008. Estimating the stability of *Escherichia coli* O157:H7 survival in manure-amended soils with different management histories. *Environmental Microbiology* 10: 1450-1459. <https://doi.org/10.1111/j.1462-2920.2007.01558.x>, open access.
49. van der Gaag, D.J., van Noort, F.R., Stapel-Cuijpers, L.H.M., de Kreijl, C., Termorshuizen, A.J., van Rijn, E., Zmora-Nahum, S., Chen, Y. 2007. The use of green waste compost in peat-based potting mixtures: Fertilization and suppressiveness against soilborne diseases. *Scientia Horticulturae* 114: 289-297. <https://doi.org/10.1016/j.scienta.2007.06.018>.
50. Termorshuizen, A.J. 2007. Fungus and fungus-like pathogens of potato. pp. 643-665 in: Vreugdenhil, D. (ed.), *Potato Biology and Biotechnology*. Elsevier. <https://doi.org/10.1016/B978-044451018-1/50071-3>.
51. van Rijn, E., Termorshuizen, A.J., van Bruggen, A.H.C. 2007. Storage method affects disease suppression of flax wilt induced by composts. *Soil Biology & Biochemistry* 39: 2743-2749. <https://doi.org/10.1016/j.soilbio.2007.05.019>.
52. Semenov, A.V., van Bruggen, A.H.C., van Overbeek, L., Termorshuizen, A.J., Semenov, A.M. 2007. Influence of temperature fluctuations on *Escherichia coli* O157:H7 and *Salmonella enterica* Serovar Typhimurium in

- manure. FEMS Microbial Ecology 60: 419-428. <https://doi.org/10.1111/j.1574-6941.2007.00306.x>, open access.
53. Messiha, N.A.S., van Bruggen, A.H.C., van Diepeningen, A.D., de Vos, O.J., Termorshuizen, A.J., Tjou-Tam-Sin, N.N.A., Janse, J.D. 2007. Potato brown rot incidence and severity under different management and amendment regimes in different soil types. European Journal of Plant Pathology 119: 367-381. <https://doi.org/10.1007/s10658-007-9167-z>, open access.
 54. van Rijn, E., Termorshuizen, A.J. 2007. Eradication of *Polymyxa betae* by thermal and anaerobic conditions and in the presence of compost leachate. Journal of Phytopathology 155: 544-548. <https://doi.org/10.1111/j.1439-0434.2007.01275.x>.
 55. Ndiaye, M., Termorshuizen, A.J., van Bruggen, A.H.C. 2007. Combined effects of solarization and organic amendment on charcoal rot caused by *Macrophomina phaseolina* in the Sahel. Phytoparasitica 35: 392-400. <https://doi.org/10.1007/BF02980703>.
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 60. Messiha, N.A.S., van Bruggen, A.H.C., van Diepeningen, A.D., de Vos, O.J., Termorshuizen, A.J., Tjou-Tam-Sin, N.N.A., and Janse, J.D. 2007. Potato brown rot incidence and severity under different management and amendment regimes in different soil types. European Journal of Plant Pathology 119: 367-381. <https://doi.org/10.1007/s10658-007-9167-z>, open access.
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- based potting mixes. Soil Biology & Biochemistry 37: 2131-2140. <https://doi.org/10.1016/j.soilbio.2005.03.018>.
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 62. Wossink, A., Termorshuizen, A.J. 1995. Gewasbescherming de maat genomen. *Gewasbescherming* 26: 129-134.
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 64. Termorshuizen, A.J. 1992. Luchtverontreiniging, schimmels & onderzoek. *Coolia* 35: 42-47.
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 66. Termorshuizen, A.J. 1987. Mycorrhiza's en bossterfte. pp. 22-23 in *Cahiers Bio-Wetenschappen en Maatschappij* 12: 2 ("Lucht").
 67. Termorshuizen, A.J. 1987. Book review: Physiological and genetical aspects of mycorrhiza, by V. Gianinazzi-Pearson & S. Gianinazzi. *Neth. J. Pl. Pathol.* 93: 150.
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4. Rapporten / Reports

1. Termorshuizen, A.J., Mager, A., Postma, R. 2021. Effecten van bemesting op de weerbaarheid tegen ziekten en plagen in de akkerbouw. Aad Termorshuizen Consultancy, NMI en Hilbrands Laboratorium, 27 pp., online op www.bodemplant.nl/nieuws.
2. Termorshuizen, A.J., Postma, R. 2021. Effecten van toevoer van organische stof op bodemgezondheid en bodemvruchtbaarheid. Aad Termorshuizen Consultancy en NMI. 69 pp. Online op www.bodemplant.nl/nieuws.
3. Termorshuizen, A.J., Molendijk, L.P.G., Postma, J. 2020. Beheersing van bodempathogenen via bodemgezondheidsmaatregelen. Een overzicht van de beschikbare kennis voor een selectie van akkerbouwgewassen met hun bijbehorende bodemziekten. Wageningen Research, rapport WPR-955. Online op <https://doi.org/10.18174/513197>.
4. Brinkman, E.P., Postma, R., van der Putten, W.H., Termorshuizen, A.J. 2017. Influence of growing *Eucalyptus* trees for biomass on soil quality. Internal report for Be-Basic, TU-Delft.
5. Termorshuizen, A.J. 2015. Review of the 5 CIAT labs at Cali, Colombia (confidential).
6. Termorshuizen, A.J. 2015. Analysis of soil fertility and production volumes of maize of ACE clients Uganda. Advisory visit to Uganda, 7-14 December 2014, Agriterro, Arnhem, The Netherlands.
7. Ndiritu, J., Peeters, S., Rono, G., Termorshuizen, A.J. 2015. Baseline survey report for providing analytical services for informed farming in Kenya (PASIFIK) project. Heifer Kenya.
8. Bremmer, J., Holeva, M., Breukers, A., Termorshuizen, A., den Nijs, L., Kalogeropoulou, E., Kati, V., Milonas, P., Vassilakos, N., Gijzen, H. 2014. Extensive Literature Searches Soil and Growing Media Inventories. IBF International Consulting and Wageningen UR, with 8 appendices. Available at <http://www.efsa.europa.eu/en/supporting/pub/834e>.
9. Ludeking, D., Termorshuizen, A.J., Wubben, J., van der Wurff, A., Streminska, M., van der Helm, F. 2013. Biologische grondontsmetting met Herbie ('Bodemresetten') als alternatief voor stomen. [in Dutch; Biological soil disinfection with Herbie as alternative for soil steaming.] Wageningen UR Glastuinbouw, Bleiswijk, rapp. nr. GTB1272, 120 pp.
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11. Ludeking, D., Termorshuizen, A.J., Wubben, J., van der Wurff, A. 2012. Biologische grondontsmetting met Herbie

- (‘bodemresetten’) als alternatief voor stomen. [in Dutch; Biological soil disinfestation with Herbie as alternative for soil steaming.] Wageningen UR, BLGG AgroXpertus en BLGG Research, 41 pp.
12. Ros, G.H., Termorshuizen, A.J., van Dijk, T.A. 2012. Risico’s van diffuse verspreiding van groenafvalstromen [in Dutch; Risks of diffuse distribution of green waste]. Nutriënten Management Instituut, rapp. nr. 1474.N.11.
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 15. Postma, R., Korthals, G.W., Termorshuizen, A.J., Dekker, P., Thoden, T. 2010. Effecten van verse organische stof [in Dutch; Effects of fresh organic matter]. Nutriënten Management Instituut, rapport 1326. www.kennisakker.nl/files/Kennisdocument/Rapport_1326_effecten_verse_orgstof.pdf.
 16. Nicolassen, S., Termorshuizen, A.J. 2010. Mogelijkheid van vervanging van de 32-mm boor door een 25-mm boor ter bemonstering van maïskuilen. Validatierapport BLGG AgroXpertus [in Dutch; Possibility of replacement of a 25-diam. auger for sampling maize silage. Validation report BLGG AgroXpertus].
 17. Termorshuizen, A.J. 2010. Verloop van P-getallen in de tijd: een oriënterende studie met Blgg-gegevens. Intern Blgg-rapport 10-04 [in Dutch; Change of P-figures with time: an exploratory study with BLGG data].
 18. Termorshuizen, A.J., Verwoolde, F., van Erp, P. 2009. De juistheid, herhaalbaarheid en reproduceerbaarheid van de bemonsteringsmethoden binnen Blgg-bemonsteringsprotocollen, resultaten van een oriënterende studie. [in Dutch; The correctness, repeatability and reproducibility of sampling done at Blgg.] Intern Blgg-rapport 09-04.
 19. Termorshuizen, A.J., Reijneveld, A., van Erp, P. 2009. Organische stof en CEC. [in Dutch; organic matter and CEC.] Intern rapport BLGG 09-31.
 20. Termorshuizen, A.J., Hartemink, H., van Mierlo, Th., Vedder, H. 2009. Probleemanalyse bepaling organische-stofgehalte in duinzandgronden. [in Dutch; Problem analysis of soil organic matter analysis in dune sands.] Intern Blgg-rapport 09-30.
 21. Termorshuizen, A.J., Keidel, H. 2009. Naar een waarderingssysteem op basis van aaltjesbesmettingen. [in Dutch; Towards valuing soils on the basis of soil nematode community composition.] Intern Blgg-rapport 09-29.
 22. Termorshuizen, A.J. 2009. Aaltjes-bouwplanadvies. [in Dutch; Nematode rotation advice.] Intern Blgg-rapport 09-28.
 23. Termorshuizen, A.J., Keidel, H. 2009. Marktonderzoek aaltjes: buitenland. [in Dutch; Market study abroad.] Intern Blgg-rapport 09-27.
 24. Termorshuizen, A.J., Keidel, H. 2009. Combibemonstering. [in Dutch; combi-sampling.] Intern Blgg-rapport 09-26.
 25. Termorshuizen, A.J., Vedder, H., Hartemink, H. 2009. Nadere karakterisering van OS met de Leco: verslag over de activiteiten van 2009. [in Dutch; Further characterizing organic matter with the Leco: report of activities carried out in 2009.] Intern Blgg-rapport 09-40.
 26. Termorshuizen, A.J. 2009. Vergelijking pH-bepalingen ‘GTB’ met pH-KCl ‘Oosterbeek’. [in Dutch; comparison of pH measurements according to protocols ‘GTB’ and pH-KCl ‘Oosterbeek’.] Intern Blgg-rapport 09-32.
 27. Termorshuizen, A.J. 2009. Comparing soil sampling schemes with special attention to the “w-pattern” soil sampling scheme. Intern Blgg-rapport 09-03.
 28. Termorshuizen, A.J. 2008. Analyse alen Susy. [in Dutch; analysis nematodes in project Susy.] Intern Blgg-rapport 08-11.
 29. Termorshuizen, A.J., Bol, A. 2008. Effect verwijderen (Osmocote-)mestkorrels op analyseresultaten potgrond. [in Dutch; Effect of removing Osmocote granules on the chemical analysis of potting soil.] Intern Blgg-rapport 08-02.
 30. Termorshuizen, A.J. 2008. De relatie tussen pH-CaCl₂ en pH-KCl. [in Dutch; The relation between pH-CaCl₂ and pH-KCl.] Intern Blgg-rapport 08-04.
 31. Keizer, P.J., van den Dool, E., Termorshuizen, A.J., Breembroek, J.A., Keizer, I., Maes, B. 2007. Mycological observations in the UNESCO World Heritage Nature Reserve Velyka

- Uholka. 15 pp.
32. Termorshuizen, A.J., Volker, D. 2007. Opties voor beheersing van valse meeldauw in ui zonder synthetische bestrijdingsmiddelen. [in Dutch; Options for controlling downy meeldauw on onion without synthetic pesticides.] Rapport / Wetenschapswinkel Wageningen UR Rapport 232. Wageningen: Wetenschapswinkel Wageningen UR.
 33. Termorshuizen, A.J. (Ed.). 2006. Management of soil health in horticulture using compost. Final Report of EU-project QLK5-CT-01442. Wageningen-UR, Wageningen, the Netherlands.
 34. Kooistra, K., Termorshuizen, A.J. 2006. The sustainability of cotton. Consequences for man and environment. Science Shop Wageningen University and Research Centre, report #223, 76 pp.
 35. van Kooten, O., Dicke, M., Elgersma, A., Termorshuizen A.J., Stomph, T.J., de Jager, M., Pek, M., Lokker, B., Lindhout, W.H., Scholten, H.J. 2001. Advies studieprogramma Plant- en Gewaswetenschappen. Advies aan het Onderwijsinstituut Levenswetenschappen, Wageningen Universiteit. [in Dutch; Advice on the programme of the study Plant and Crop Sciences to the Teaching Institute Life Sciences of Wageningen University.] 68 pp.
 36. Termorshuizen, A.J., m.m.v. Boonstra, E. 2001. Risico-inschatting van compost ten aanzien van (micro)biologische contaminanten. [in Dutch; Risk assessment of compost with respect to (micro)biological contaminants.] Vertrouwelijk rapport voor de Vereniging van Afvalverwerkers. 21 pp.
 37. Lotz, L.A.P., Brussaard, L., Gillissen, L.J.W.J., Gorissen, A., Kempenaar, C., van Loon, J.J.A., Noordam, M.Y., Termorshuizen, A.J., van Vliet, P.C.J. 2000. Effecten van grootschalige toepassing van transgene herbicideresistente rassen. [in Dutch; Effects of large-scale application of transgenic herbicide resistant cultivars.] Plant Research International, rapport 2.
 38. Termorshuizen, A.J. 1991. Literatuuronderzoek over ziekten bij potentiële gewassen. [in Dutch; Literature search on diseases occurring in "new" crops.] IPO-DLO Rapport nr. 91-08. 21 pp.
 39. Termorshuizen, A.J. 1990. Het effect van bosbemesting op mycorrhiza's en op de fructificatie van mycorrhizavormende en saprophytische schimmels. [in Dutch; Effect of forest fertilization on mycorrhizas and the fructification of mycorrhiza and saprotrophic fungi.] Biologisch Station Wijster. 75 pp.
 40. Termorshuizen, A.J. 1989. Het effect van bosbemesting op mycorrhiza's - Jaarverslag 1988. [in Dutch; Effect of forest fertilization on mycorrhiza - Annual Report 1988.] Biologisch Station Wijster. 11 pp.

5. Proefschrift / PhD thesis

Termorshuizen, A.J. 1990. Decline of carpophores of mycorrhizal fungi in stands of *Pinus sylvestris*. Landbouwniversiteit Wageningen, 128 pp.

6. Onderwijsactiviteiten / Educational activities

2011	Invited presentation WUR business school course 'Healthy Soil', 8 February 2011, Wageningen.
2010	Invited presentation 20th Ann. Symp. Soilborne Plant Pathogens Interest Group, Stellenbosch, S. Africa
2008	Lecture on soil health for 150 farm advisors (Agrifirm, Dronten).
2007-....	Lecture on general mycology of fruiting body forming fungi in the Wageningen University course Magical Mushrooms, coordinated by prof. Francine Govers (Phytopathology-WU) and prof. Pedro Crous (CBS-KNAW, Utrecht).
2007	Lectures on soil health for 100 German advisors (in German, Parchim, Germany).
2002	Invited presentation at the 7 th International Mycological Congress at Oslo on the effects of environmental pollution on macrofungi.
2001-2006	Development and teaching of course Plant and Crop Sciences, practical part.
2001-2006	Development and teaching of course Soil-plant relations, lectures and practicals.
1998	Intensive course (5 days) for scientists and assistants of various experimental stations on mycology.
1997-2003	IAC-course Integrated Crop Protection, practical and lectures.
1996	Preparation of framework for new course "Advanced Phytopathology".
1996-2003	Course "Soilborne plant pathogens" for advanced M.Sc. students.
1995-2006	Course "Biology of fungi" for advanced M.Sc. students; included a practical until 2003.
1994-1995	Course "Plant protection and Society".
1993-1995	M.Sc. course "Fungal and bacterial plant pathogens", incl. practical.

1993-1996 Practical of M.Sc. course "Fungal and bacterial plant pathogens".

7. Andere activiteiten / Other activities (* = niet-wetenschappelijk / = non-scientific)

2019-2022 Member of the Dutch Mushroom Foundation board (= Paddenstoelenstichting).
 2016-.... Member of Technical Committee RHP (www.rhp.nl) for certified potting soils, specialism biotic interactions including pathogens and biostimulants.
 2015 External review of the 5 CIAT Soil Laboratories at Cali, Colombia (October 2015).
 *2014-.... Certified trainer at table tennis club Shot, Wageningen (level tt2).
 2010-2017 Treasurer and member of the Dutch Mushroom Foundation board (= Paddenstoelenstichting).
 2013-2016 Chair of the Dutch Mycological Society (www.mycologen.nl).
 2012-2013 Scientific Committee IOBC Workshop, 16-19 October 2013, The Netherlands.
 2011-2012 Member of the Steering Committee of the IPM2.0 congress of the European Federation of Plant Pathology, 27 September - 4 October 2012, Wageningen, The Netherlands.
 2009-2014 Member of the VOFF board (= Stichting VeldOnderzoek Flora en Fauna).
 2008-2013 Treasurer and member of the board of the Dutch Mycological Society.
 2007-2008 Member of 2008 centenary committee of the Dutch Mycological Society.
 2005 Replacement of prof. A.H.C. van Bruggen as manager of the chair group.
 2004-2006 Chair of the steering group for recruitment of students for the WU study Biological Production Sciences.
 2002-2006 Webmaster of the website of the Royal Dutch Phytopathological Society.
 2001-2002 Member of the organizing committee of the 3rd national meeting on crop protection.
 1999-2000 Member of the committee for total restructuring the curriculum plant and crop sciences.
 1999-2003 Secretary of the exam committees T1 (Plant and Crop Sciences); since 2001 including the Biological Sciences and Animal Sciences.
 1999-2006 Secretary of the Biological Farming Systems Group.
 1999-2006 Treasurer of the Biological Farming Systems Group (shared with two colleagues).
 1998-2004 Secretary of the Royal Dutch Phytopathological Society.
 1998 Member of the organizing committee of the 2nd national meeting on crop protection.
 1998 Secretary of the committee to elect candidates for the price of the Royal Dutch Phytopathological Society.
 1998-2004 Member of the exam committee for the promotion of 6 PhD candidates (1998: Hökeberg (Uppsala); 2000: Aanen; 2001: Meekes, Ryckeboer (Leuven); 2003: Judith; 2004: Lendzemo, Brinkman).
 1998-1999 Secretary of selection committee for the appointment of a professor in organic farming systems.
 1997-1999 Secretary of the Department of Phytopathology.
 1997-1998 Member of the cash checking committee of the Royal Dutch Phytopathological Society.
 1996-1997 Secretary of selecting committee for the appointment of a professor in "physiological entomology".
 *1995-2012 Editor of (non-scientific) journal "De Reiziger" (= The Traveller).
 1995-2007 Guidance of 3 postdocs (W.J. Blok, C. Slomp, J.C. Goud) and their assistants for in total 4 projects and approx. 23 man years of work.
 1995-2002 Editor-in-chief of Coolia (Journal of the Dutch Mycological Society).
 1995-1996 Coordinator of an international project aiming to standardize the method to detect microsclerotia of *Verticillium dahliae* in soil.
 1994-1999 Coordinator discussion group / discussion leader of Ph.D. students of the research school Production Ecology, who are specialized in phytopathology.
 1994 Member of the organising committee of the Summer School "Quantitative ecology", 5-8 September 1994, Wageningen.
 1993-2003 Secretary of the discussion group "Soilborne pathogens and soil microbiology".
 1993-1995 Member of the scientific advisory board of the research school Production Ecology.
 1993-1996 Coordinator discussion group in the section Ecology of the Department of Phytopathology.
 1993-1994 Leader of theme Ecology of pests and diseases of the research school Production Ecology.

- 1992-1994 Member of the advisory board of the project "Field assays for side-effects of pesticides", Centrum voor Milieukunde, Leiden.
- 1991-.... Referee of articles for a range of journals (e.g. Applied Soil Ecology, Mycological Research, European Journal of Plant Pathology, New Phytologist, Oecologia, Plant & Soil, Annals of Applied Biology, Soil Biology & Biochemistry, FEMS Microbial Ecology).
- 1991-.... Referee of various national and international research proposals (NWO, STW, BARD). Member of judgment committee of STW (once, 2006).
- 1991-1995 Member of the editorial board of *Coolia* (Journal of the Dutch Mycological Society).
- 1991-2007 Guidance of 28 M.Sc. students (B. de Theije, P. Brinkman, A. Diehl, G. Hiddink, G. van Leeuwen, F. Meerman, G. Messelink, C. Stolk, S. van der Geest, T. van den Broek, A. van Esburg, J. Vos, G. Winsemius, J. Zijlstra, J. van der Schaaf, S. Belt, V. Garcia, L. Admiraal, K. Ispahami, I. Power, A. Luiten, D. Lont, J. Lozano, F. Woets, G. Daoularis, V. Spyripoulos, S. Vermeulen, T. Chainis).
- 1990-1994 Consulting editor for Plant & Soil.
- 1985-1990 Secretary WU-mycorrhiza discussion group.

8. PhDs begeleid / supervised

1. Veldmans, R. Plant pathogens in natural grassland ecosystems. Promotor: L. Mommer and J. Raaijmakers. Wageningen University. On-going.
2. Ampt, E. Plant pathogens in natural grassland ecosystems. Promotor: L. Mommer and J. Raaijmakers. Wageningen University. On-going.
3. Quist, C. 2017. DNA barcoding-based monitoring in soil. Wageningen University. Partial supervision (1 chapter).
4. Agtmaal, M van. 2015. Suppression of soil-borne plant pathogens. Wageningen University. Partial supervision.
5. Straathof, A. 2015. Explorations of soil microbial processes driven by dissolved organic carbon. Wageningen University. Partial supervision.
6. Reijneveld, A. 2013. Unravelling changes in soil fertility of agricultural land in the Netherlands. Wageningen University. Co-promotor.
7. Hiddink, G. 2008. Suppression of soilborne pathogens in mixed cropping systems. Wageningen University. Co-promotor.
8. Franz, E. 2007. Ecology and risk assessment of *E. coli* O157:H7 and *Salmonella typhimurium* in the primary production chain of lettuce. Wageningen University. Co-promotor.
9. Ndiaye, M. 2007. Ecology and management of charcoal rot (*Macrophomina phaseolina*) on cowpea in the Sahel. Wageningen University. Co-promotor.
10. Rijn, E. van. 2007. Disease suppression and phytosanitary aspects of compost. Wageningen University. Co-promotor.
11. Mancini, F. 2006. Impact of integrated pest management farmer field schools on health, farming systems, the environment, and livelihoods of cotton growers in Southern India. Wageningen University. Co-promotor.
12. Vereijssen, J. 2004. Cercospora leaf spot in sugar beet. Wageningen University. Co-promotor.
13. Goud, J.C. 2003. Verticillium wilt in trees. Detection, prediction and disease management. Wageningen University. Co-promotor.
14. Otieno, W. 2002. *Armillaria* root rot in Kenya; characterization of the pathogen and approaches to disease management. Wageningen University. Co-promotor.
15. Lamour, A. 2002. Quantification of fungal growth: models, experiments, and observations. Wageningen University. Co-promotor.
16. Soesanto, L. 2000. Ecology and biological control of *Verticillium dahliae*. Wageningen University. Co-promotor.

9. Belangrijkste projecten & acquisities / Major projects & acquisitions

1. FDOV-project Promobanana for sustainable banana cultivation in Davao, Philippines. 2014-2017. Approx. ME 1 for SoilCares. Coordinator for SoilCares since 2016.
2. Soil Care for profitable and sustainable crop production in Europe. 2016-2020. Approx. M€ 7, for SoilCares Research approx. k€ 2. Active participation in project writing and leading activities at SoilCares Research.
3. FDOV-project Providing Analytical Services for Informed Farming in Kenya. Approx. M€ 4. 2013-2017. General coordinator from 2014.

4. EFRO-projects Biological Soil Disinfestation. Project leadership at Thatchtec. Two projects, 2012-2014, approx. k€ 300 for BLGG Research.
5. BE-Basic project 'Towards a quick decision support tool for sustainable use of harvest residues. Project submission and coordination by A.J. Termorshuizen. 2013-2016, approx. k€ 369 for BLGG Research, total project size M€ 4.2.
6. STW project 'Disease suppression'. Project initiated by A.J. Termorshuizen and submitted by E. Hoffland (WU) and W. de Boer (NIOO), 2011-2014, 2 PhDs and 1 assistant.
7. BE-Basic project 'DNA-based monitoring of soil', 2012-2015, k€ 122 for BLGG Research, supervision by A.J. Termorshuizen.
8. Project EU PURE. Participation in workpage 10.1, lead by J. Postma (PRI), 2011-2014, revenues approx. k€ 40.

In other projects, typically k€ 10-40 large, I participated in teams on the following subjects:

- Soil quality maps of Noord-Brabant (lead by NMI, paid by the province).
- Development of soil biodiversity tools (lead by NMI, paid by PA).
- Testing new soil organic matter measurement device (lead by A.J. Termorshuizen, paid by BLGG AgroXpertus).
- Diverse agronomic advices in Kenya project (lead by BLGG Research, paid by diverse sources including the Gates Foundation).
- Developing a tool for predicting N mineralization in arable fields (lead by HLB and Alterra, paid by PA).
- Quality of organic matter measurements in dune sands (lead by A.J. Termorshuizen, paid by BLGG AgroXpertus).

10. Memberships

- 1990 - ...: Royal Dutch Plant Pathological Society (www.knpv.org).
- 1985 - ...: Dutch Mycological Society (www.mycologen.nl).
- 2026 -: LRGD (in aanvraag).