

Curriculum Vitae Jannes Stolte

Contact Information

Name Jannes Stolte
Institute NIBIO, Environment and Natural resources division
Address: Fredrik A. Dahls vei 20
N-1430 Ås, Norway
Degree: PhD, Wageningen UR, Netherlands
Position: Head of department Soil and Land use
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Education and Scientific Degrees career

2003	PhD in environmental Sciences, Wageningen UR, Dept. of Soil Science. Supervisors Prof. Dr. Johan Bouma and Prof. Dr. Coen J. Ritsema. Title: <i>Effects of land use and infiltration behavior on soil conservation strategies</i> . ISBN 90-5808-854-5.
1986	BSc Agriculture at the Rijks Hogere Landbouwschool, Groningen, Netherlands, with specialization in Soil Science.

Academic career

2012 – d.d.	Research scientist and head of department at Bioforsk, Norwegian Institute for Agricultural and Environmental research/NIBIO, Norwegian Institute of Bioeconomy Research
2007 – 2012	Research scientist at Bioforsk, Norwegian Institute for Agricultural and Environmental research
1989 – 2007	Research scientist at Staring Centre/Alterra, Wageningen, Netherlands
1988 – 1989	Specialist Soil and Nutrients at the Dutch Agricultural Extension service, Roermond, Netherlands

Key Qualifications

Soil physics, catchment hydrology, erosion, ecosystem services, soil and water modeling, scenario analysis

Teaching and supervision

2017 – 2019	Co-supervisor for PhD student Robert Barneveld, Wageningen UR. Supervisor Prof. Sjoerd van der Zee, Department of Environmental Sciences, Wageningen UR, Netherlands. (<i>Defence expected September 2019</i>)
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2011 - 2017	Co-supervisor for PhD student Torsten Starkloff, Wageningen UR. Supervisor Prof. Coen Ritsema, Department of Environmental Sciences, Wageningen UR, Netherlands. Defence December 5 th , 2017
2010 - 2011	Co-supervisor for PhD student Sigrun Kværnø, NMBU. Supervisor Prof. Trond Børresen, Department of Plant and Environmental Sciences, NMBU. Defence May 2011
2019	MSc. student Stijn de Haan, Wageningen UR, Department of Environmental Science
2018	Internship student Claire Devos, University College Ghent, Belgium
2016	MSc. student Ian Sauren, Wageningen UR, Department Soil Physics and Land management
2016	BSc. student Tjibbe Kerkhof, Wageningen UR, Department of Environmental Science
2015	MSc. student Anne Schols, Wageningen UR, Department Soil Physics and Land management
2014	MSc. student Ton van der Linden, Wageningen UR, Department Sustainable Land Management
2014	Internship Isabel Febra, University of Coimbra, Portugal
2013	BSc. Tom Grooten, HAS University of applied sciences, Den Bosch, Netherlands
2013	Internship Govinda Khanal, Wageningen UR, Department Soil Physics and Land management
2013	MSC. student Line Thompson, Wageningen UR, Department of Environmental Science
2012	MSc. student Torsten Starkloff, Technical University Freiberg, Soil and Water Conservation Unit
2011	MSc. student Lars Erik Sjørbotten, UMB, Norway
2011	BSc. student Niek van Dijk, HAS University of applied sciences, Den Bosch, Netherlands
2011	MSc. student Geoffrie Kramer, Minnesota University, USA
2010	BSc. student Anneloes Oerbekke, HAS University of applied sciences, Den Bosch, Netherlands
1990 - 2007	Several BSc. and MSc. students from Wageningen UR (Netherlands) and HAS University of applied sciences, Den Bosch (Netherlands)
2011	Guest lecture in the master course 'Advanced Hydrogeology' at the Dept. of Plant and Environmental Science, NMBU.
2009 - 2011	Guest lecture in the master course 'Water Pollution I' and 'Water Pollution II' at the Dept. of Plant and Environmental Science, NMBU.
2003	Guest lecture in the master course 'Soil erosion' at Utrecht University, Netherlands

International Projects and Cooperation

2016 – 2021	Participant in the H2020 ' <i>SoilCare for profitable and sustainable crop production in Europe: SOILCARE</i> ' project
2013 – 2018	WP-leader of the FP7 ' <i>Preventing and Remediating degradation of Soils in Europe through Land Care: RECARE</i> ' project

2011 – 2015	Participating in the FP6 ' <i>Technologies for Water Recycling and Reuse in Latin American Context: Assessment, Decision Tools and Implementable Strategies under an Uncertain Future: COROADO</i> ' project (Brazil, Argentina, Chile, Mexico)
2007 – 2012	Participant in the FP6 ' <i>A global initiative to combat desertification: DESIRE</i> ' project
2004 – 2007	Participant in the FP6-INCO project ' <i>GUYAGROFOR: Development of sustainable agroforestry systems based on indigenous and maroon knowledge in the Guyana shield region</i> ' (Venezuela, Surinam, Brazil)
2001 – 2005	Participant in the FP5-INCO project ' <i>CROPPRO: Development of integrated farming approaches for sustainable crop production in environmentally-constrained system in the pacific region</i> ' (Fiji, Samoa, Tonga)
1999 – 2002	Participant in the FP4-INCO project ' <i>EROCHINUT: An interdisciplinary approach to reduce water, soil and nutrient losses by erosion in the agricultural Hilly Purple area, Sichuan Province, China, by combined use of participatory and modeling techniques</i> ' (China)
1997 – 2000	Participant in the FP4-INCO-DEV project ' <i>EROCHINA: Soil and water conservation for sustainable land use on China's Loess Plateau</i> ' (China)
2011 – 2015	MC member of COST action ES1104: <i>Arid Lands Restoration and Combat of Desertification: Setting Up a Drylands and Desert Restoration Hub</i>

Selected projects (NIBIO project leader and WP leader)	
2016 – 2021	SOILCARE ' <i>SoilCare for profitable and sustainable crop production in Europe</i> '. Funded by EU H2020. NIBIO project leader
2013 – 2018	RECARE ' <i>Preventing and Remediating degradation of Soils in Europe through Land Care</i> '. Funded by EU FP7. WP-leader
2011 – 2015	COROADO ' <i>Technologies for Water Recycling and Reuse in Latin American Context: Assessment, Decision Tools and Implementable Strategies under an Uncertain Future: COROADO</i> '. Funded by EU FP7. NIBIO project leader
2010 – 2013	ExFlood ' <i>Extreme weather in small catchments: new method for flood protection</i> '. Funded by the Norwegian Research Council. Project leader
2018 - 2021	MetFure ' <i>Method development for quantifying gully erosion on agricultural areas</i> '. Funded by the Norwegian Agricultural Agencies. Project leader

Publications

Peer-reviewed Papers

1. Krzeminska, D., Kerkhof, T., Skaalsveen, K., **Stolte, J.** 2019. Effect of riparian vegetation on stream bank stability in small agricultural catchments. *Catena* 172:87–96. doi.org/10.1016/j.catena.2018.08.014
2. Starkloff, T., **Stolte, J.**, Hessel, R., Ritsema, C., Jetten, V. 2018. *Integrated, spatial distributed modelling of surface runoff and soil erosion during winter and spring*. *Catena* 166:147–157. doi.org/10.1016/j.catena.2018.04.001
3. Starkloff, T., **Stolte, J.**, Hessel, R., Ritsema, C.J. 2017. *Investigating the development of shallow snowpacks, using comprehensive field observations and spatially distributed snow modelling*. *Hydrology Research* 49(1):41-59. doi:10.2166/nh.2017.269.

4. Sørbotten, L.E., **Stolte, J.**, Wang, Y., Mulder, J. 2017. *Hydrological Response and Flow Pathways in Acrisols on a Forested Hillslope in Monsoonal Sub-tropical Climate, Chongqing, Southwest China*. *Pedosphere* 27(6): 1037–1048. [doi.org/10.1016/S1002-0160\(17\)60447-8](https://doi.org/10.1016/S1002-0160(17)60447-8)
5. Starkloff, T., Hessel, R., **Stolte, J.**, Ritsema, C. 2017. *Catchment hydrology during winter and the link to soil erosion: A case study in Norway*. *Hydrology* 4(1), 15; doi:10.3390/hydrology4010015.
6. Starkloff, T., Larsbo, M., **Stolte, J.**, Hessel, R., Ritsema, C.J. 2017. *Quantification of freezing-thawing cycles on the pore network of a silty clay loam and a loamy sand topsoil using X-ray tomography*. *Catena*156:365-374
7. Schwilch, G. Bernet, L., Fleskens, L., Giannakis, E., Leventon, J., Marañón, T., Mills, J., Short, C., **Stolte, J.**, van Delden, H. 2016. *Operationalizing Ecosystem Services for the Mitigation of Soil Threats: A Proposed Framework*. *Ecological Indicators* 67:586–597.
8. Marques, M.J., Schwilch, G., Lauterburg, N., Crittenden, S., Tesfai, M., **Stolte, J.**, Zdruli, P., Zucca, C., Petusdottir, T., Evelpidou, N., Karkani, A., Asli-Yilmazgi, Y., T Panagopoulos, T., Yirdaw, E., Kanninen, M., Rubio, J.L., Schmiedel, U., Doko, A. 2016. *Multidimensional impacts of Sustainable Land Management in drylands, a Review*. *Sustainability* 8, 177; doi:10.3390/su8020177.
9. Thomsen, L.M., Baartman, J.E.M., Barneveld, R.J., Starkloff, T., **Stolte, J.** 2015. Soil surface roughness: comparing old and new measuring methods and application in a soil erosion model. *SOIL*, 1, 399-410.
10. Kalantari, Z., Lyon, S.W., Jansson, P.E., **Stolte, J.**, French, H.K., Folkesson, L., Sassner, M. 2015. *Modeller subjectivity and calibration impacts on hydrological model applications: An event-based comparison for a road-adjacent catchment in southeast Norway*. *Science of the Total Environment* 502 (2015):315–329.
11. Starkloff, T., **Stolte, J.** 2014. *Applied comparison of the erosion risk models EROSION 3D and LISEM for a small catchment in Norway*. *CATENA* 118:154–167.
12. Kalantari, Z., Lyon, S.W., Folkesson, L., French, H.K., **Stolte, J.**, Jansson, P.E., Sassner, M. 2014. *Quantifying the hydrological impact of simulated changes in land use on peak discharge in a small catchment*. *Science of the Total Environment* 466-467 (2014):741-754.
13. Kværnø, S.H., **Stolte, J.** 2012. *Effects of soil physical data sources on discharge and soil loss simulated by the LISEM model*. *CATENA* 97:137–149.
14. van den Berg, F., Tiktak, A., Heuvelink, G.B.M., Burgers, S.L.G.E., Brus, D.J., de Vries, F., **Stolte, J.**, Kroes, J.G. 2012. *Propagation of uncertainties in soil and pesticide properties to pesticide leaching*. *J. Environ. Qual.* 41:253–261.
15. **Stolte, J.**, Shi, X., Ritsema, C.J. 2009. Introduction: Soil erosion and nutrient losses in the Hilly Purple Soil area in China. *Soil & Tillage Research* 105 (2):283–284.
16. Wesseling, J.G., Ritsema, C.J., **Stolte, J.**, Oostindie, K., Dekker, L.W. 2007. *Describing the soil physical characteristics of soil samples with cubical splines*. *Transp Porous Med* DOI 10.1007/s11242-007-9126-3.
17. Keizer, J.J., Malvar, M., Nunes, J., Silva, J., Coelho, C., Prats, S., Ferreira, R., Houmann, M., Lagewaard, M., Ferreira, A.J.D., Lucena, J., Pereira, V., Condesso de Melo, T., Afonso, P., **Stolte, J.**, Jetten, V. 2006. The role of land management practices in soil erosion hazard in eucalypt stands in north-central Portugal following forest wildfires. *Forest Ecology and Management* 234S - S187.
18. **Stolte, J.**, Ritsema, C.J., Bouma, J. 2005. *Developing interactive land use scenario's on the Loess Plateau in China, presenting risk analyses and economic impacts*. *Agriculture, Ecosystems & Environment* 105:387-399.
19. **Stolte, J.** 2003. Effects of land use and infiltration behavior on soil conservation strategies. PhD thesis, Wageningen University.
20. **Stolte, J.**, van Venrooij, B., Zhang, G., Trouwborst, K.O., Liu, G., Ritsema, C.J., Hessel, R. 2003. *Land induced spatial heterogeneity of soil hydraulic properties on the Loess Plateau of China*. *Catena* 54:59-96

21. **Stolte, J.**, Liu, B., Ritsema, C.J., Van den Elsen, H.G.M., Hessel, R. 2003. *Modelling water flow and sediment processes in a small gully system on the Loess Plateau of China*. CATENA 54:117-130
22. Elsen, H.G.M. van den, Hessel, R., Liu B., Trouwborst, K.O., **Stolte, J.**, Ritsema, C.J., Blijenberg, H. 2003. *Discharge and sediment measurements at the outlet of a watershed on the Loess plateau of China*. Catena 54(1-2):147-160.
23. Elsen, H.G.M. van den, Yun, X., Liu B., **Stolte, J.**, Wu Y., Trouwborst, K.O., Ritsema, C.J. 2003. *Intensive water content and discharge measurement system in a hillslope gully in China*. CATENA, 54(1-2):93-115.
24. Hessel, R., Jetten, V., Fu, B., Qiu, Y., **Stolte, J.** 2003. *Calibration of the LISEM soil erosion model for a small loess plateau catchment*. CATENA 54:235-254
25. Hessel, R., Jetten, V., Messing, I., Chen, L., **Stolte, J.**, C.J. Ritsema. 2003. *Soil erosion simulations of land use scenarios for a small Loess Plateau catchment*. Catena 54:289-302
26. **Stolte, J.**, Ritsema, C.J., de Roo, A.P.J. 1997. *Effects of crust and cracks on simulated catchment discharge and soil loss*. Journal of Hydrology 195:279-290.
27. Ritsema, C.J., **Stolte, J.**, van Dijk, P.M., Oostindie, K., van den Elsen, E. 1996. *Measuring and modeling of soil water dynamics and runoff generation in an agricultural loessial hillslope*. Hydrological Processes 10:1081-1089.
28. Ritsema, C.J., Oostindie, K., **Stolte, J.** 1996. *Evaluation of vertical and lateral flow through agricultural loessial hillslopes using a two-dimensional computer simulation model*. Hydrological Processes 10:1091-1105.
29. **Stolte, J.**, Ritsema, C.J., Veerman, G.J., Hamminga, W. 1996. *Establishing temporally and spatially variable soil hydraulic data for runoff simulation in a soil erosion study in the loess region of the Netherlands*. Hydrological Processes 10:1027-1034.
30. **Stolte, J.**, Freijer, J.I., Bouten, W., Dirksen, C., Halbertsma, J.M., Van Dam, J.C., van den Berg, J.A., Veerman, G.J., Wösten, J.H.M. 1994. *Comparison of six methods to determine unsaturated soil hydraulic conductivity*. Soil Sci. Soc Am. J. 58:1596-1603.

Per-reviewed papers in Norwegian journals

1. **Stolte, J.**, Helen K. French, H. K., Bjerkholt, J.T., Braskerud, B. 2011. The ExFlood project: Dealing with extreme weather in small catchments. VANN 46(3): 337-346.

Per-reviewed papers in Dutch journals

1. Hessel, R., **Stolte, J.** Riksen, M. 2011. *Huidige maatregelen tegen water- en winderosie in Nederland. (Current measures for water- and winderosion in Netherlands)*. Bodem nr. 1 (febr. 2011):11-12.
2. **Stolte, J.**, Kalis F.J., Ritsema, C.J. 2002. *Erosiebestrijding in vlak Nederland (Erosion control in flat Netherlands)*. Bodem 4:133-135.
3. Trouwborst, K.O., Ritsema, C.J., **Stolte, J.**, van den Elsen, H.G.M. 2000. *Bodemerosie in China. (Soil erosion in China)*. Geografie, jaargang 9, 2^{de} kwartaal: 40-42.
4. **Stolte, J.**, Ritsema C.J., Wösten, J.H.M. 2000. *Oppervlakte-afvoer: een combinatie van helling, bodem, gewas en regen. (Surface discharge: a combination of slope, crop and rainfall)* Stromingen 6 (2000), nummer 4:27-36.

Book contributions

Per-reviewed book contributions

1. Robinson, D.A., Seaton, F., Sharps, K., Thomas, A., Roberts, F.P., van der Ploeg, M., Jones, L., **Stolte, J.**, Puig de la Bellacasa, M., Harrison, P., Emmett, B. 2017. Soil Resources, the Delivery of Ecosystem Services and Value. In: *Oxford reserach Encyclopedia of Environmental Science*. Oxford University Press. DOI: 10.1093/acrefore/9780199389414.013.375.
2. **Stolte, J.**, Kværnø, S. 2013. Snowmelt and runoff in two small field-scale catchments. In: Bechmann, M., Deelstra, J. (eds.): *Agriculture and Environment- Long term monitoring in Norway*. Akademika Publishing, Trondheim, Norway: 163-179, 2013. ISBN 978-82-321-0014-9.

3. Hessel, R., Hoang-Fagerstrom, M.H., **Stolte, J.**, Messing, I., Ritsema, C.J. 2007. Integrated conservation planning in a small catchment on the Chinese Loess Plateau. In: De Graaff, J., Cameron, J., Sombatpanit, S., Pieri, C., Woodhill, J. (Eds.) Monitoring and evaluation of soil conservation and watershed development projects. Science Publishers, Enfield, New Hampshire, USA, pp 319-335.
5. Van den Elsen, E., **Stolte, J.**, Veerman, G. 1999. Three automated laboratory systems for determining the hydraulic properties of soils. In: Characterization and Measurement of the Hydraulic Properties of Unsaturated Porous Media, Part 1. M. Th. van Genuchten, F. J. Leij, and L. Wu (eds.). U.S. Salinity Laboratory, USDA, ARS, Department of Environmental Sciences, University of California, Riverside, CA, pp. 329-340
6. **Stolte, J.**, Hack-ten Broeke, M.J.D., Veldhuizen, A.A. 1998. *Effect van teelt verschillende voedergewassen op de regionale waterhuishouding*. In: Van der Schans, D.A. (Ed.) *Ruwvoederproductie bij droogte: kies voor zekerheid!* PAV Lelystad, themaboekje nr. 21.

Non-reviewed book contributions

1. **Stolte, J.**, Hessel, R., Ritsema, C.J. *Bodemerosie. (Soil erosion)* 2005. Leidraad bodembescherming 5200, afl 64, juni 2005. Ministerie van Volkshuisvesting, Ruimtelijke Ordening en Milieubeheer Directoraat-Generaal voor de Milieuhygiëne, Directie Bodem, Water, Stoffen.
2. **Stolte, J.**, Veerman, G.J., Wopereis, M.C.S. 1994. *Measurements of soil hydraulic properties*. In: Wopereis, M., Kropff, M., Bouma, J., van Wijk, A., Woodhead, T. (ed.). Soil physical properties: measurements and use in rice-based cropping systems. Winand Staring Centre, Wageningen, the Netherlands; International Rice Research Institute, Los Baños, Philippines.
3. Harmsen, J., Bezemer, W., Boels, D., **Stolte, J.**, Wieggers, R. 1995. *Time as an Important Factor for Cleaning Sediments by Land-Farming*. In: Van Den Brink, W.J., Bosman, R., Arendt, F. *Contaminated Soil '95, Proceedings of the Fifth International FZK/TNO Conference on Contaminated Soil, 30 October–3 November 1995, Maastricht, The Netherlands*. Soil & Environment Volume 5, 1995, pp 1241-1242.

Reports

1. **Stolte, J.**, Tesfai, M., Øygarden, L., Kværnø, S., Keizer, J., Verheijen, F., Panagos, P., Ballabio, C., Hessel, R. (Eds.). 2016. Soil threats in Europe; EUR 27607 EN; doi: 10.2788/828742
2. Hessel, R., **Stolte, J.**, Riksen, M. 2011. *Huidige maatregelen tegen water- en winderosie in Nederland (Current measures for water- and winderosion in Netherlands)*. Wageningen, Alterra, Alterra rapport 2131. 49 blz.; 9 fig.; 5 tab.; 70 ref.
3. Kramer, G.J., **Stolte, J.** 2009. *Cold-Season Hydrologic Modeling in the Skuterud Catchment An Energy Balance Snowmelt Model Coupled with a GIS-based Hydrology Model*. Bioforsk Report 4:126.
4. Van den Berg, F., Brus, D.J., Burgers, S.L.G.E., Heuvelink, G.B.M., Kroes, J.G., **Stolte, J.**, Tiktak, A., de Vries, F. xxxx. *Uncertainty and sensitivity analysis of GeoPEARL*. Alterra report 1330, PBL-report 500123001, Wageningen, Bilthoven, the Netherlands
5. Hauge A., **Stolte, J.** 2007. Flomanalyse på Taraldrud (*Flood analysis at Taraldrud*). Bioforsk RAPPORT 3:135.
6. Essen van, P., Toepoel, A., Defrijn, S., **Stolte, J.**, Mathijs, E., de Graaff, J., Verzandvoort-van Dijck, S. 2006. *Acceptatie erosiebestrijdingsmaatregelen. (Acceptance of erosion measures)* Alterra publicatie in het project Interreg Erosiebestrijding.
7. **Stolte, J.** 2004. *Soil erosion*. In: Römkens, P.F.A.M. and Oenema, O. (Eds.), *Quick scan soils in the Netherlands; overview of the soil status with reference to the forthcoming EU soil strategy* (Alterra-rapport, 948) (pp. 71-76). Wageningen: Alterra.
8. Diepen, C.A. van, **Stolte, J.**, Schoumans, O.F., Boogaard, H.L., Wolf, J. 2002. *Deelrapport 2: Kwantificering van nutriëntenbelasting van grond- en oppervlaktewater vanuit landbouwgronden*.

- (Quantifying nutrient loads towards ground- and surface water from agricultural areas). Alterra-rapport 527-2.
9. Diepen, C.A. van, **Stolte, J.**, Wolf, J., Naeff, H.S.D. 2002. *Deelrapport 3: Vergelijking belasting oppervlaktewater uit diffuse bronnen en puntbronnen. (Comparing loads towards surface water from diffuse sources and point sources)*. Alterra-rapport 527-3.
 10. Wösten, J.H.M., Veerman, G.J., de Groot, W.J.M., **Stolte, J.** 2001. *Waterretentie- en doorlatendheidskarakteristieken van boven- en ondergronden in Nederland: de Staringreeks. Vernieuwde uitgave 2001. (Water retention and conductivity characteristics of top- and subsoils in Netherlands: The Staring series. revised version)*. Alterra-rapport 153.
 11. **Stolte, J.**, Ritsema, C.J., Li, T. 1999. *Invloed van verschillende landinrichtingsscenario's op de bodem- en waterafvoer in het zuidelijk deel van de ruilverkaveling Groesbeek. (Influence of different land use scenarios on the soil and water losses in the southern area of the land consolidation project Groesbeek)*. DLO-Staring Centrum. Rapport 644.
 12. **Stolte, J.**, Hack-ten Broeke, M.J.D., Veldhuizen, A.A. 1998. *Effect van de teelt van verschillende voedergewassen zonder beregening op de regionale waterhuishouding in het Beerze-Reusel gebied. (Effect of different feed crop without irrigation on the regional water balance in the Beerze-Reusel area)*. DLO-Staring Centrum. Rapport 590.
 13. **Stolte, J.** (Ed.). 1997. *Manual for soil physical measurements, version 3.0*. The Winand Staring Centre, Wageningen, Technical Document 37.
 14. **Stolte, J.**, Wesseling, J.G., Wösten, J.H.M. 1996. *Pedotransfer functions for hydraulic and thermal properties of soil and the tool HERCULES*. DLO-Staring Centrum. Report 126.
 15. **Stolte, J.**, Rosing, H., Veldhuizen, A.A. 1995. *Bodemfysische schematisatie van het Fochteloërveen en omliggende landbouwgronden. (Soil physical schematisation of the Fochteloërveen peat area)*. DLO-Staring Centrum. Rapport 382.
 16. De Roo, A.P.J., van Dijk, P.M., Ritsema, C.J., Cremers, N.H.D.T., **Stolte, J.**, Oostindie, K., Offermans, R.J.E., Kwaad F.J.P.M., Verzandvoort, M.A. 1994. *Erosienormeringsonderzoek Zuid-Limburg, veld- en simulatiestudie. (Erosion standardisation research in Southern Limburg, field and simulation study)*. DLO-Staring Centrum rapport 364.1. Vakgroep Fysische Geografie, Universiteit Utrecht / Vakgroep Fysische Geografie en Bodemkunde, Universiteit van Amsterdam / DLO-Staring Centrum, Wageningen.
 17. **Stolte, J.**, Ritsema, C.J., Veerman, G.J., Hamminga, W. 1994. *Bodemfysische schematisatie van drie stroomgebieden in Zuid-Limburg op basis van een erosiegevoeligheidsanalyse. (Soil physical schematisation of three catchments in Southern Limburg based on an erosion sensitivity analysis)*. DLO-Staring Centrum, Wageningen. Rapport 343.
 18. Wösten, J.H.M., Veerman, G.J., **Stolte, J.** 1994. *Waterretentie- en doorlatendheidskarakteristieken van boven- en ondergronden in Nederland: de Staringreeks. (Water retention and conductivity characteristics of top- and subsoils in Netherlands: The Staring series)*. DLO-Staring Centrum, Wageningen. Technisch Document 18.
 19. **Stolte, J.**, Veerman G.J., Wopereis, M.C.S. 1992. *Manual soil physical measurements, version 2.0*. The Winand Staring Centre, Wageningen, Technical Document 2.
 20. Veerman, G.J., **Stolte, J.** 1991. *Voorschriften bodemfysische bepalingsmethoden. Versie 1.0. (Manual soil physical measurement methods, version 1.0)*. Staring Centrum, Wageningen, Interne Mededeling 120.
 21. **Stolte, J.**, Wösten, J.H.M. 1991. *Soil physical schematisation of the catchment area of the river Vecht*. Winand Staring Center, Wageningen, Netherlands, Report 45.
 22. **Stolte, J.**, Veerman, G.J. 1990. *Vergelijking van de verdampingsmethode, korstenmethode en hangende waterkolom voor de bepaling van de doorlatendheids- en waterretentiekarakteristieken. (Comparison of the evaporation method, crust method and hanging-water column for the determination of the conductivity and water retention characteristics)*. DLO-Staring Centrum, Wageningen, Rapport 74.
 23. Dekkers, J.M.J., **Stolte, J.**, Wösten, J.H.M. 1990. *De doorlatendheid van de bodem in het natuurgebied "Beerzerveld", de onverzadigde doorlatendheid van de kazige B-horizont (The*

hydraulic conductivity of the soil in the nature area 'Beerzerveld', the unsaturated conductivity of the humic B-horizon). DLO-Staring Centrum, Wageningen, Rapport 15.

24. **Stolte, J.** 1989. *Bepaling waterretentie- en doorlatendheids karakteristieken van vier bodemhorizonten volgens de hangende waterkolom-, vrije uitstroom- en korstenmethode. (Determination of the water retention and hydraulic conductivity characteristics of four soil horizons with the hanging water column, free outflow and crust methods)*. DLO-Staring Centrum, Wageningen, Interne Mededeling 23.

Guest Editor

1. **Stolte, J.**, Shi, X., Ritsema, C.J. 2009 (eds). Soil erosion and nutrient losses in the Hilly Purple Soil area in China. Special section of Soil and Tillage Research. Soil and Tillage Research 105 (2009):283-327. <https://doi.org/10.1016/j.still.2009.09.010>.

Conference contributions

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