

## Curriculum Vitae

Last name: NORGROVE  
First name: Lindsey



Address: **Bern University of Applied Sciences BFH**  
School of Agricultural, Forest and Food Sciences HAFL  
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Languages: English (native speaker)  
French (good, spoken & fair, written)

## Main competences

Agroecologist, +20 y experience.

Specific knowledge and experience in:

- Farming systems in the humid tropics, particularly shifting cultivation, agroforestry
- Measurement and assessment of soil and vegetation dynamics in natural and derived systems
- Assessment of soil macrofauna (earthworms, termites) and their impacts in natural and agricultural systems
- Assessments of actual, attainable and potential yields of tropical crops
- Field production of bioenergy crops (*Jatropha curcas*)
- Representative in International fora (Council of Europe, UN Convention on Biological Diversity, UN Commission on Human Rights)
- Focal regions/countries: West and Central Africa, humid tropics, Mexico, semi-arid tropics (Ethiopia), India
- Teaching; Training of students and technical staff. Examination and supervision of PhD, MSc, BSc students from Swiss, Belgian, German, French, and Cameroonian universities.
- Experience of designing and conducting manipulative experiments. Statistical analysis of data

## References

International Institute of Tropical Agriculture, Katholieke Universiteit Leuven, University of Basel (biogeography), Africa Museum, Tervuren.

## Academic education, further education

1995-1999 PhD in tropical agrisilviculture, Life Sciences, King's College, University of London, UK. Crop, weed and soil responses to tree density and implications for nutrient cycling in a tropical agrisilvicultural system. 287p, 449 refs. Awarded 31.10.1999. Supervisor Professor D O Hall (deceased 1999).

1993 Visiting Commonwealth Scholar (soil science) Faculty of Agriculture. University of Nigeria Nsukka, Nigeria.

1989-1992 B.A. Hons Pure & Applied Biology, Upper Second (2.1) Dept. Plant Sciences, University of Oxford, UK.

## Professional experience

Since 02/2017 Professor for Tropical Crop Production (part-time) HAFL.

2013-2015 Marie Heim-Vögtlin Fellow. Institute of Biogeography, University of Basel, Switzerland . Assessing long-term changes in soil and plant community dynamics in model agroforestry systems. Lecturing in African agriculture:/biodiversity impacts.

March 2013 Scientific consultant, International Institute of Tropical Agriculture (IITA), Nigeria. Assessment of potential, attainable and actual yields of plantain in West and Central Africa.

2008-2012 Global Director, Invasive Species. CABI, Switzerland. CABI lead on climate change. PI of EU ERA-ARD project on *Jatropha curcas* and WP leader soil & agronomy. Reviews on effects of climate change on plant pests and diseases. Expert for groups on 'Climate change and Biodiversity' and 'Alien Invasive Species' of the Council of Europe. COP9-biodiversity representative.

2004-2007 Junior research group leader, Institute Plant Production & Agroecology in Tropics & Sub-tropics, University of Hohenheim, Germany (based in Cameroon). Land degradation /developing rehabilitation techniques for landscapes. 8 MSc/BSc students, 1 PhD, Soil & vegetation sampling across SW, NW, W, Central Cameroon. Experiments established looking at soil limitations to crop production, soil ecology, tillage, cover crops, weed dynamics, invasive plants.

2001- 2004 Cacao agroecologist. Sustainable Tree Crops Programme., International Institute of Tropical Agriculture (IITA) Cameroon. On-farm participatory trials developing cacao agroforests. Optimising yield and assessing impacts of fungicide on soil processes (decomposition, soil fauna, soil chemistry) in mature smallholder cacao.. Stakeholder surveys.

2000 Volunteer scientist, International Institute of Tropical Agriculture, Cameroon. Assessments of biomass management on plantain, nutrient dynamics, fallow succession studies.

1995-1999 Ph.D. Fellow in tropical agroforestry, International Institute of Tropical Agriculture, Cameroon. Responsible for 7-hectare experiment with imposed treatments (thinning timber stands, mulch v burn). Crop and timber growth and yield assessments, system nutrient dynamics, soil faunal processes, weed community dynamics.

## Publications

### Peer-reviewed journal articles, encyclopedia and book chapters (with clickable hyperlinks)

- 71 [HAUSER S, GOLD C, PASBERG-GAUHL C, GAUHL F, AKELLO J, JACOBSEN K, \*\*NORGROVE L\*\*, COYNE D, KUMAR P L, MAHUKU G, KAUSHAL M J, NAKATO V, TRIPATHI L, TRIPATHI J \(2019\) Identifying and managing plant health risks for key African crops: banana and plantain: In: Neuenschwander P , Tamo M \(eds\) Critical issues in plant health: 50 years of research in African agriculture. Burleigh Dodds Science Publishing, UK](#)
- 70 [NEUENSCHWANDER P, GNANVOSSOU D, HAUSER G, GEORGEN G, HANNA R, \*\*NORGROVE L\*\*, NEGLOH K, AGBOTON C \(2019\) Identifying and managing plant health risks for key African crops: fruit and other tree crops: In: Neuenschwander P , Tamo M \(eds\) Critical issues in plant health: 50 years of research in African agriculture. Burleigh Dodds Science Publishing, UK](#)
- 69 [HAUSER S, \*\*NORGROVE L\*\*, TOLLENS E, NOLTE C, ROBIGLIO V, GOCKOWSKI J,\(2019\). Forest based farming systems: highly diverse, annual and perennial systems under threat. In: Dixon J., Garrity D., Boffa J.M., Williams T.O. and T. Amede \(eds.\). \*\*Farming Systems and Food Security in Sub-Saharan Africa: Priorities for science and policy\*\*. Routledge, Taylor and Francis, UK 624 pages.](#)
- 68 [MOONEN PCJ, VERBIST B, BOYEMBA BF , \*\*NORGROVE L\*\*, DONDEYNE S, VAN MEERBEEK K, KEARSLEY E, VERBEECK H, VERMEIR P, BOECKX P, MUYS B online Disentangling how management affects biomass stock and productivity of tropical secondary forest fallows. \*\*Science of the Total Environment\*\*](#)

- 67 [BIRHANE E, HAILEMARIAM M, ARAYA, T, HADGU KM, \*\*NORGROVE L.\*\* \(online\). Source of mycorrhizal inoculum influences growth of \*Faidherbia albida\* \(Del.\) A. Chev. Seedlings. \*\*Journal of Forestry Research\*\*](#)
- 66 [GEBRE, A. B., BIRHANE, E., GEBRESAMUEL, G., HADGU, K. M., \*\*NORGROVE, L.\*\* \(online\). Woody species diversity and carbon stock under different land use types at Gergera watershed in eastern Tigray, Ethiopia. \*\*Agroforestry Systems\*\*,](#)
- 65 [NORGROVE, L 2018. Neither dark nor light but shades in-between: cocoa merits a finer sampling. \*\*Global Change Biology\*\* 24\(2\) 559–560.](#)
- 64 [TEKALIGN M, GROOT ZEVERT N, WELDEGEBRIEL A, POESEN J, NYSSSEN J, VAN ROMPAEY A, \*\*NORGROVE L\*\*, MUYS B, VRANKEN L \(2018\) Do tourists` preferences match the local community`s initiatives? A study of sustainable tourism in one of Africa`s oldest reserved park in Ethiopia. \*\*Sustainability\*\* 10\(11\), 4167; <https://doi.org/10.3390/su10114167>](#)
- 63 [HAILEMARIAM M, DESTA Y, MIRUTS H, ARAYA T, \*\*NORGROVE L\*\*, BIRHANE E, 2018. Arbuscular mycorrhiza effects on \*Faidherbia albida\* \(Del.\) A. Chev. growth under varying soil water and phosphorus levels in Northern Ethiopia. \*\*Agroforestry Systems\*\*. 92\(2\)485–498.](#)
- 62 [NEGUSSIE, A., GEBREHIWOT, K., YOHANNES, M., AYNEKULU, E., MANJUR, B, \*\*NORGROVE, L.\*\* 2018. An exploratory survey of long horn beetle damage on the dryland flagship tree species \*Boswellia papyrifera\* \(Del.\) Hochst. \*\*Journal of Arid Environments\*\*. 152,6-11.](#)
- 61 [BIRHANE E, GEBREMESKEL K, TADDESSE T, HAILEMARIAM M, HADGU KM, \*\*NORGROVE L\*\*, NEGUSSIE A \(2018\) Integrating \*Faidherbia albida\* trees into a sorghum field reduces striga infestation and improves mycorrhiza spore density and colonization. \*\*Agroforestry Systems\*\* 92\(9\),643-653.](#)
- 60 [TEKALIGN M, MEERBEEK K V, AERTS R, \*\*NORGROVE L\*\*, POESEN J, NYSSSEN J, MUYS B 2017 Effects of biodiversity loss and restoration scenarios on tree-related ecosystem services. \*\*International Journal of Biodiversity Science, Ecosystem Services and Management\*\*, 13\(1\) 434-443.](#)
- 59 [LEMMA B, KEBEDE F, MESFIN S, FITIWY I, ABRAHA Z, \*\*NORGROVE, L.\*\* 2017. Quantifying annual soil and nutrient lost by rill erosion in continuously used semiarid farmlands, North Ethiopia. \*\*Environmental Earth Sciences\*\* 76:190 DOI 10.1007/s12665-017-6506-z](#)
- 58 [HAUSER S, \*\*NORGROVE L\*\*, NYOBE T. 2017. Crop rotation & farming systems: tropical smallholder farm systems. In Lal, R \(ed.\) \*\*Encyclopedia of Soil Science\*\*, 3<sup>rd</sup> Ed. Routledge, Taylor & Francis, Oxford, UK. p507-511.](#)
- 57 [NORGROVE L, BECK J. 2016. Biodiversity function and resilience in tropical agroforestry systems including shifting cultivation. \*\*Current Forestry Reports\*\* 2: 62-80.](#)
- 56 [NORGROVE L, HAUSER S. 2016. Biophysical criteria used by farmers for fallow selection in West and Central Africa. \*\*Ecological Indicators\*\* 61\(1\): 141-147.](#)
- 55 [HAUSER S, \*\*NORGROVE L.\*\* 2016. Sustainability of the world`s soils. Chapter 13. In: Pritchard, B., Ortiz R, Shekar, M \(eds.\) \*\*Routledge Handbook of Food and Nutrition Security\*\*. Routledge, Taylor and Francis, Oxford. UK. p201-213.](#)
- 54 [NEGUSSIE A, ACHTEN WMJ, \*\*NORGROVE L\*\*, MEKURIA W, HADGU KM, DE BOTH G, LEROY B, HERMY M, MUYS B 2016. Initial effects of fertilization and canopy management on flowering, seed and oil yield of \*Jatropha curcas\* L. in Malawi. \*\*Bioenergy Research\*\* 9\(4\):1231–1240.](#)
- 53 [SEID H, KEBEDE F, BIRHANE E, HADGU KM, NEGUSSIE A, \*\*NORGROVE L.\*\* 2016. Response of selected indigenous dryland agroforestry tree species to salinity and implication for soil fertility management, \*\*Agroforestry Systems\*\* 90:1133–1142.](#)
- 52 [NORGROVE L, HAUSER S. 2015. Estimating the consequences of fire exclusion for food crop production, soil fertility and fallow recovery in shifting cultivation landscapes in the humid tropics. \*\*Environmental Management\*\* 55\(3\): 536-549.](#)
- 51 [NEGUSSIE A, \*\*NORGROVE L\*\*, ACHTEN WMJ, MUYS B 2015. We lack evidence to call \*Jatropha\* invasive. \*\*Biofuels, Bioproducts and Biorefining\*\* 9\(2\):123-124.](#)
- 50 [NEGUSSIE A, DEGERICKX J, \*\*NORGROVE L\*\*, ACHTEN WMJ, HADGU KM, AYNEKULU E, MUYS B. 2015. Effects of accession, spacing and pruning management on in-situ leaf litter decomposition of \*Jatropha curcas\* L. in Zam-](#)

- bia. **Biomass & Bioenergy** 81, 505-513.
- 49 [NEGUSSIE A, NACRO S, ACHTEN WMJ, NORGROVE L, KENIS M, HADGU K M, AYNEKULU E, HERMY M, MUYS B. 2015. Insufficient evidence of \*Jatropha curcas\* L. invasiveness: experimental observations in Burkina Faso, West Africa. \*\*Bioenergy Research\*\* 8\(2\):570-580.](#)
  - 48 [NORGROVE L, HAUSER S. 2014 Improving plantain \(\*Musa\* spp. AAB\) yields on smallholder farms in West and Central Africa. \*\*Food Security\*\* 6\(4\): 501-514.](#)
  - 47 [MUYS B, NORGROVE L, ALAMIREW T, BIRECH R, CHIRINIAN E, DELELEGN Y, EHRENSPERGER A, ELLISON C A, FETO A, FREYER B, GEVAERT J, GMÜNDER S, JONGSCHAAP R E E, KAUFMANN M, KEANE J, KENIS M, KITEME B, LANGAT J, LYIMO R, MORAA V, MUCHUGU J, NEGUSSIE A, OUKO C, ROUAMBA M W, SOTO I, WÖRGETTER M, ZAH R, ZETINA R. 2014. Integrating mitigation and adaptation into development: the case of \*Jatropha curcas\* in sub-Saharan Africa. \*\*Global Change Biology Bioenergy\*\* 6: 169–171.](#)
  - 46 [NORGROVE L, HAUSER S, 2013. Black leaf streak disease and plantain fruit characteristics as affected by tree density and biomass management in a tropical agroforestry system. \*\*Agroforestry Systems\*\* 87:349–354.](#)
  - 45 [NORGROVE L, HAUSER S, 2013. Carbon stocks in shaded \*Theobroma cacao\* farms and adjacent secondary forests of similar age in Cameroon. \*\*Tropical Ecology\*\* 54: 15-22.](#)
  - 44 [HAUSER S, NORGROVE L 2013. Slash-and-Burn Agriculture, Effects of. In: Levin S.A. \(ed.\) \*\*Encyclopedia of Biodiversity\*\*, 2<sup>nd</sup> ed, Volume 6, pp. 551-562. Waltham, MA: Academic Press.](#)
  - 43 [TUECHE JR, NORGROVE L, HAUSER S, CADISCH G, 2013. Tillage and varietal impacts on tomato \(\*Solanum lycopersicum\* L.\) production on an Ultisol in Central Cameroon. \*\*Soil & Tillage Research\*\* 128: 1-8.](#)
  - 42 [NEGUSSIE A, ACHTEN WMJ, NORGROVE L, HERMY M, MUYS B, 2013. Invasiveness risk of biofuel crops using \*Jatropha curcas\* L. as a model species. \*\*Biofuels, Bioproducts & Biorefining\*\* 7\(5\): 485–498.](#)
  - 41 [NEGUSSIE A, ACHTEN WMJ, AERTS R, NORGROVE L, SINKALA T, HERMY M, MUYS B, 2013. Invasiveness risk of the tropical biofuel crop \*Jatropha curcas\* L. into adjacent land use systems: from the rumours to the experimental facts. \*\*Global Change Biology Bioenergy\*\* 5\(4\): 419–430.](#)
  - 40 [NORGROVE L, TUECHE J R, JACOBSEN K, NKAKWA-ATTEY A, HOLMES K, 2012. Tackling black leaf streak disease and soil fertility constraints to enable the expansion of plantain production to grassland in the humid tropics. \*\*International Journal of Pest Management\*\* 58: 175-181.](#)
  - 39 [HAUSER S, NORGROVE L, ASAWALAM D, SCHULZ S, 2012. Effect of land use change, cropping systems and soil type on earthworm cast production in West and Central Africa. \*\*European Journal of Soil Biology\*\* 49: 47-54.](#)
  - 38 [NORGROVE L, CSUZDI C, HAUSER S. 2011. Effects of cropping and tree density on earthworm community composition and densities in central Cameroon. \*\*Applied Soil Ecology\*\* 49: 268-271.](#)
  - 37 [NORGROVE L, 2010. Impacts of biofuel production on food security. \*\*International Union of Food Science and Technology \(IUFOST\) Scientific Information Bulletin\*\*, March 2010. 21 pp](#)
  - 36 [GREEN D, KLEIN T, KNEISS J, LI H, NURAFIATIN L, SOARES-PINTO M, BAKER P, FLOOD J, NORGROVE L, RENDELL-DUNN A, VOS J. 2010. Biofuels and Land Use Change: A Science and Policy Review. 51 pages](#)
  - 35 [MASTERS G, NORGROVE L, 2010. Climate Change and Invasive Alien Species. CABI Working Paper 1. 30pp.](#)
  - 34 [TRABUCCO A, ACHTEN WMJ, BOWE C, AERTS R, VAN ORSHOVEN J, NORGROVE L, MUYS B, 2010. Global mapping of \*Jatropha curcas\* yield based on response of fitness to present and future climate. \*\*Global Change Biology Bioenergy\*\* 2\(3\):139–151.](#)
  - 33 [NORGROVE L, Csuzdi C, Forzi F, Canet M, Gounes J, 2009 Shifts in soil faunal community structure in shaded cacao agroforests and consequences for ecosystem function in Central Africa. \*\*Tropical Ecology\*\* 50\(1\): 71-78.](#)
  - 32 [JACOBSEN K, MEAS L, NORGROVE L, MOUSSON H, HAUSER S, DER WAAL D, 2009. Host status of twelve commonly cultivated crops in the highlands of Cameroon for the nematode \*Pratylenchus goodeyi\*. \*\*International Journal of Pest Management\*\* 55\(4\): 293-298.](#)
  - 31 [NORGROVE L, YONGHACHEA P F, CSUZDI C, 2008. Earthworm diversity and densities in land invaded by \*Imperata cylindrica\* and \*Chromolaena odorata\* in the Western Cameroon Highlands. \*\*Advances in Earthworm Taxonomy\*\* 3: 96-105.](#)
  - 30 [NICHOLLS T, NORGROVE L, MASTERS G. 2008. Innovative solutions to new invaders: agricultural pests, diseases and weeds. In: Brown A G \(ed\) \*\*Agriculture in a changing climate; the new international research frontier\*\*. The ATSE Crawford Fund, 14th Annual Development Conference, Parliament House, Canberra, Australia, 3 September 2008. P9-14.](#)
  - 29 [NORGROVE L, 2007. Effects of different copper fungicide application rates upon earthworm activity and impacts on cocoa yield over four years. \*\*European Journal of Soil Biology\*\* 43: 303-310.](#)

- 28 [NORGROVE L, 2007. Performance of \*Imperata cylindrica\* in relation to light availability on soils from the tropical forest-savannah boundary in central Cameroon. In: Tokarska-Guzik B, Brock J H, Brundu G, Child L, Daehler C C, Pyšek P \(Eds\). \*\*Plant Invasions: Human Perception, Ecological Impacts And Management\*\*, pp. 277-288. Backhuys Publishers, Leiden, Netherlands.](#)
- 27 [HAUSER S, NORGROVE L, NYOBE T, 2007. Crop rotation and farming systems: Smallholder farming systems and agroforestry systems. In \*\*Encyclopedia Of Soil Science, 2nd Edition\*\*. R Lal \(ed\). Taylor & Francis. p 358-361.](#)
- 26 [NORGROVE L. 2006. Use of glyphosate as a clearance treatment for groundnut \(\*Arachis hypogaea\*\) production on imperata-savannah land in central Cameroon. 15th Australian Weeds Conference Proceedings, \*\*Managing Weeds in a Changing Climate\*\*. Eds Preston, C., Watts, JH, Crossman, ND 24- 28 September 2006, Adelaide, Australia, p 328-330.](#)
- 25 [HAUSER S, NORGROVE L, NKEM JN, 2006. Groundnut / maize / cassava intercrop yield response to fallow age, cropping frequency and crop plant density on an Ultisol in southern Cameroon. \*\*Biological Agriculture & Horticulture\*\* 24\(3\): 275-292.](#)
- 24 [HAUSER S, GANG E, NORGROVE L, BIRANG À M, 2005. Decomposition of plant material as an indicator of ecosystem disturbance in tropical land use systems. \*\*Geoderma\*\* 129: 99-108.](#)
- 23 [HAUSER S, NORGROVE L, DUGUMA B, ASAAH, 2005. Dry season soil water regime under rotational fallow with alternating \*Leucaena leucocephala\* and \*Gliricidia sepium\* hedgerows on a southern Cameroonian Ultisol. \*\*Agroforestry Systems\*\* 64: 73-82.](#)
- 22 [NORGROVE L, 2003. Agrisilviculture systems: timber–food crop systems in the humid tropics. \*\*Paideusis - Journal for Interdisciplinary and Cross-Cultural Studies\*\* 3: 1-15.](#)
- 21 [NORGROVE L, NKEM JN, HAUSER S, 2003. Separating the agronomic effects of burning and biomass removal in a typical slash and burn rotation system in the humid tropics. \*\*Biological Agriculture & Horticulture\*\* 21\(4\): 367-381.](#)
- 20 [NORGROVE L, NKEM JN, HAUSER S, 2003. Effects of residue management on earthworm cast production after \*Chromolaena odorata\* short fallow in the humid tropics. \*\*Pedobiologia\*\* 47: 807-810.](#)
- 19 [BIRANG M, HAUSER S, BRUSSAARD L, NORGROVE L, 2003. Earthworm surface casting activity on slash-and-burn cropped land in undisturbed \*Chromolaena odorata\* and young forest fallow in southern Cameroon. \*\*Pedobiologia\*\* 47: 811-818.](#)
- 18 [NORGROVE L, HAUSER S, 2002. Measured growth and tree biomass estimates of \*Terminalia ivorensis\* in the three years after thinning to different densities in an agrisilvicultural system in southern Cameroon. \*\*Forest Ecology & Management\*\* 166: 261-270.](#)
- 17 [NORGROVE L, HAUSER S, 2002. Yield of plantain grown under different tree densities and ‘slash and mulch’ versus ‘slash and burn’ management in an agrisilvicultural system in southern Cameroon. \*\*Field Crops Research\*\* 78: 185-195.](#)
- 16 [NORGROVE L, HAUSER S, BASSANAGA S. 2002. Effects of fertilizer regime and type of shade treatment upon growth of \*Ricinodendron heudelotii\* saplings in a mixed species tree crop system. p515-521. In: Hera C, Schnug E, Topbas T M, Gunal H, Ersahin S \(eds\). Proceedings, 13th International Fertilizer Symposium. \*\*Fertilizers in Context with Resource Management in Agriculture\*\*, Tokat Turkey. International Scientific Centre of Fertilizers, Bucharest, Braunschweig, Budapest, Gent. 636 p.](#)
- 15 [HAUSER S, NORGROVE L, NYOBE T, 2002. Managing soil structure in Tropical Smallholder Farming Systems. In \*\*Encyclopedia of Soil Science\*\*. R Lal \(ed\). Marcel Dekker Inc, Lincoln Park, NJ. p 243-246.](#)
- 14 [HAUSER S, NORGROVE L, BASSANAGA S. 2002. Survival and growth of cacao saplings as affected by fertilizer and shade on short fallow land in southern Cameroon. p 614-620 In: Hera C, Schnug E, Topbas T M, Gunal H, Ersahin S \(eds\). Proceedings, 13th International Fertilizer Symposium. \*\*Fertilizers in Context with Resource Management in Agriculture\*\*, Tokat Turkey. International Scientific Centre of Fertilizers, Bucharest, Braunschweig, Budapest, Gent. 636 p.](#)
- 13 [EGGLETON P, BIGNELL D E, HAUSER S, DIBOG L, NORGROVE L, MADONG B, 2002. Termite diversity across an anthropogenic disturbance gradient in the humid forest zone of West Africa. \*\*Agriculture, Ecosystems & Environment\*\* 90: 189-202.](#)
- 12 [HAUSER S, NORGROVE L, 2001. Effects of slash and burn agriculture. In \*\*Encyclopedia of Biodiversity\*\*. S A Levin \(ed\). Academic Press, San Diego. V5:p 269-284](#)
- 11 [NORGROVE L, HAUSER S, 2000. Leaf properties, litterfall and nutrient inputs of \*Terminalia ivorensis\* at different tree stand densities in a tropical timber-food crop multistrata system. \*\*Canadian Journal of Forest Research\*\* 30\(9\): 1400-1409.](#)
- 10 [NORGROVE L, HAUSER S, 2000. Production and nutrient content of earthworm casts in a tropical agrisilvicultural](#)

- tural system. [Soil Biology & Biochemistry](#) 32(11/12): 1651-1660.
- 9 [NORGROVE L, HAUSER S, WEISE S F, 2000. Response of \*Chromolaena odorata\* to timber tree densities in an agrisilvicultural system in Cameroon: aboveground biomass, residue decomposition and nutrient release. \[Agriculture, Ecosystems & Environment\]\(#\) 81\(3\):191-207.](#)
  - 8 [NORGROVE L, HAUSER S, 1999. Effects of tree density and crop management upon earthworm cast production in a young timber plantation after introducing understorey crops. \[Pedobiologia\]\(#\) 43; 666-674](#)
  - 7 [NORGROVE L, HAUSER S, 1999. Effect of earthworm surface casts upon maize growth. \[Pedobiologia\]\(#\) 43: 720-723.](#)
  - 6 [DIBOG L, EGGLETON P, NORGROVE L, BIGNELL DE, HAUSER S, 1999. Impacts of canopy cover on soil termite assemblages in an agrisilvicultural system in Southern Cameroon. \[Bulletin of Entomological Research\]\(#\) 89: 125-132.](#)
  - [NORGROVE L, 1998. \*Musa\* in multistrata systems: focus on shade. \[Infomusa\]\(#\) 7: 17-22.](#)
  - 4 [NORGROVE L, HAUSER S, 1998. Effects of tree density and crop management upon growth of plantain in a low-input agrisilvicultural system. \[Acta Horticulturae\]\(#\) 490: 187-194.](#)
  - 3 [NORGROVE L, HAUSER S, 1998. Impact of cast collection upon earthworm cast production in a humid tropical environment. \[Pedobiologia\]\(#\) 42: 328-330.](#)
  - 2 [NORGROVE L, HAUSER S, WEISE SF, 1998. Effects of crop density and species upon surface casting by earthworms and implications for nutrient cycling in a tropical intercropping system. \[Pedobiologia\]\(#\) 42: 267-277.](#)
  - 1 [HAUSER S, VANLAUWE B, ASAWALAM DO, NORGROVE L, 1997. Role of earthworms in traditional and improved low input agricultural systems in West Africa. In Brussaard L, Ferrara-Cerrato R \(eds\) \[Soil Ecology in Sustainable Agricultural Systems. Advances in Agroecology\]\(#\) 1. CRC Press, Lewis Publishers, Boca Raton p113-136.](#)

### Conference presentations

- 43 MINGUELY C, BAROFFIO C, KOPP C, **NORGROVE L** 2018 Distribution of the eriophyoid mite *Phyllocoptes gracilis* (Acari: Eriophyidae) on raspberries (*Rubus idaeus*) in Switzerland. 9th International IOBC/WPRS Workshop on Integrated Plant Protection of soft fruits. 5-7 September 2018, Riga, Latvia. (oral presentation, Minguely)
- 42 ALLEN T, **NORGROVE L**, 2018. Shifts in the swiddens with intensification: what evidence exists for the Trenbath model? Tropentag, 17-19 September 2018 Gent, Belgium (poster presentation)
- 41 OJO S O, HAUSER S, ENESI R, **NORGROVE L** 2018 Canopy dynamics of two „climate-smart“ cassava varieties under drought in SW Nigeria. Tropentag, 17-19 September 2018 Gent, Belgium (poster presentation)
- 40 **NORGROVE L**, HAUSER S, NKEM J N 2015. Adaptation to climate change by swidden cultivators in West and Central Africa. Arbeitskreis Biogeographie 2015", 7-9 May 2015, Basel, Switzerland. (oral presentation).
- 39 **NORGROVE L**, HAUSER S 2015. Fallow recovery and tree species diversity: biomass relationships in timber agroforestry systems in the Congo Basin. Gesellschaft für Tropenökologie, Resilience of Tropical Ecosystems: Future challenges and opportunities. April 07 – 10th, 2015, ETH Zurich, Switzerland (oral presentation).
- 38 **NORGROVE L**, HAUSER S 2014. Effects of burning and tree density on soil nitrogen and carbon dynamics over eight years in agrisilvicultural systems in Central Africa. In In: S Holzheu, B Thies (eds.) BIOGEOMON 2014 8th International Symposium on Ecosystem Behavior. University of Bayreuth, Germany. 13-17 July 2014. Book of Abstracts. Bayreuther Forum Ökologie Band 119 / 2014. p300-301. (poster presentation).
- 37 HAUSER S, **NORGROVE L**, NKEM J N 2014. How responses to uncertain rainfall by shifting cultivators might affect crop yield and nutrient dynamics in the humid tropics. In: S Holzheu, B Thies (eds.) BIOGEOMON 2014 8th International Symposium on Ecosystem Behavior. University of Bayreuth, Germany. 13-17 July 2014. Book of Abstracts. Bayreuther Forum Ökologie Band 119 / 2014. p83. (poster presentation).
- 36 **NORGROVE L** 2013. Yield gap review of plantain production systems in West and Central Africa. CGIAR Research Program on Roots, Tubers and Bananas Workshop "Intensification of mixed RTB systems with plantain in West and Central Africa – Tools for improved cropping systems intensification" Abidjan, Côte d'Ivoire. 11-14 November 2013 (invited oral presentation).

- 35 **NORGROVE L**, HAUSER S 2013. Impacts of a regime of reduced burning on ecosystem services at the field and landscape level at the humid forest margins of Central Africa. *Regio Resources 21: A cross-disciplinary dialogue on sustainable development of regional resources*. University of Catania, Italy, September 2013 (oral presentation).
- 34 **NORGROVE L**. 2009. Invasive Species at CABI under global change. International Congress on Biological Invasions, November 2009, Fuzhou, PR China. (oral presentation).
- 33 **NORGROVE L**, JACOBSEN K S, NKAJWA-ATTEY A. 2009. Tackling black sigatoka and soil fertility constraints to expand plantain production in Cameroon. International Congress on Biological Invasions, Fuzhou, PR China, November 2009. (oral presentation).
- 32 **NORGROVE L**. 2009. Future food and fuel security in an uncertain climate? CABI Global Summit, October 2009, London, UK. (Keynote oral presentation).
- 31 **NORGROVE L**, NDZANA T E 2009. Impact of *Imperata cylindrica* on granivory and seedling destruction in maize fields in Cameroon. 10th International Conference on the Ecology and Management of Exotic Plant Invasions. Stellenbosch, South Africa 23-27 August 2009. (oral presentation).
- 30 **NORGROVE L**. 2009. Biofuels and food security. COST Foresight workshop, June 2009, Bruges, Belgium. Oral presentation.
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