

Log of CS publications

2023

Staley, J T., Wolton, R., & Norton, L R. (2023). Improving and expanding hedgerows—Recommendations for a semi-natural habitat in agricultural landscapes. *Ecological Solutions and Evidence*, 4, e12209. <https://doi.org/10.1002/2688-8319.12209>

2022

Seaton, F.M., Robinson, D.A., Monteith, D., Lebron, I., Bürkner, P., Tomlinson, S., Emmett, B.A. and Smart, S.M., 2023. Fifty years of reduction in sulphur deposition drives recovery in soil pH and plant communities. *Journal of Ecology*, 111(2), pp.464-478.

Norton, L.R., Maskell, L.M., Wagner, M., Wood, C.M., Pinder, A.P., Brentegani, M. (2022) Can Pasture fed livestock farming practices improve the ecological condition of grassland in Great Britain? *Ecological Solutions and Evidence* *Ecological Solutions and Evidence*, 3, <https://doi.org/e12191>. 10.1002/2688-8319.12191

Norton, L. R, Maskell, L. C., McVittie, A., Smith, L., Wagner, M., Waterton, C., Watson, C. 2022. Learning from innovative practitioners: Evidence for the sustainability and resilience of pasture fed livestock systems. *Frontiers in Sustainable Food Systems*, 6, 1012691. <https://doi.org/10.3389/fsufs.2022.1012691>

Seaton, F.M., Griffiths, R.I., Goodall, T., Lebron, I., Norton, L.R. (2022) Pasture age impacts soil fungal composition while bacteria respond to soil chemistry, *Agriculture, Ecosystems & Environment* 330, ISSN 0167-8809, <https://doi.org/10.1016/j.agee.2022.107900>.

Robinson, D.A., Thomas, A., Reinsch, S., Lebron, I., Feeney, C.J., Maskell, L.C., Wood, C.M., Seaton, F.M., Emmett, B.A., & Cosby, B.J (2022) Analytical modelling of soil porosity and bulk density across the soil organic matter and land-use continuum. *Scientific Reports* 12: 7085. | <https://doi.org/10.1038/s41598-022-11099-7>

Feeney, C.J., Cosby, B.J., Robinson, D.A., Thomas, A., Emmett, B.A. & Henrys, P. (2022) Multiple soil map comparison highlights challenges for predicting topsoil organic carbon concentration at national scale. *Scientific Reports* 12: 1379. <https://doi.org/10.1038/s41598-022-05476-5>

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Simfukwe, Paul; Hill, Paul W.; **Emmett, Bridget A.**; Jones, Davey L. 2021. Identification and predictability of soil quality indicators from conventional soil and vegetation classifications. *PLoS ONE*, 16 (10), e0248665. 22 pp. <https://doi.org/10.1371/journal.pone.0248665>

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Keith, A.M.; Dodd, B.A.; Turner, G.; Vane, C.H.; Wood, C.M. (2020). Soil mid-infrared spectroscopy data from arable and grassland in Countryside Survey, Great Britain 2007. NERC Environmental Information Data Centre. <https://doi.org/10.5285/d66ca0a6-403d-4f5a-bef1-8ee177f1e1b3>

Keith, A.M. ; Cave, M.R.; Dodd, B.A.; Smart, S.M.; Turner, G.; Tye, A.M.; Wood, C.M. (2020). Soil aggregate stability data from arable and grassland in Countryside Survey, Great Britain 2007 . NERC Environmental Information Data Centre. <https://doi.org/10.5285/be3793b6-90fb-4e4c-9515-220cc33223b9>

Thomas, A., Cosby, B.J., Henrys, P. and Emmett, B., 2020. Patterns and trends of topsoil carbon in the UK: Complex interactions of land use change, climate and pollution. *Science of the Total Environment*, 729, p.138330.

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Henrys, P.A. and Jarvis, S.G., 2019. Integration of ground survey and remote sensing derived data: Producing robust indicators of habitat extent and condition. *Ecology and evolution*, 9(14), pp.8104-8112.

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<https://doi.org/10.1016/j.ecolind.2018.06.033>

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