

Log of CS publications

In review

Simfukwe, P., Hill, P.W., Emmett, B.A., Jones, D.L. Identification of soil quality factors and indicators and their predictability from conventional soil and vegetation mapping classes.

2020

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.

2019

Jarvis, S.G., Henrys, P.A., Keith, A.M., Mackay, E., Ward, S.E. and Smart, S.M., 2019. Model-based hypervolumes for complex ecological data. *Ecology*, 100(5), p.e02676.

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.

Spake, R., Bellamy, C., Graham, L., Watts, K., Wilson, T., Norton, L., Wood, C., Schmuki, R., Bullock, J.M., Eigenbrod, F. (2019) An analytical framework for targeting the management of natural capital. *Nature Sustainability*, 2, 90-97. <https://rdcu.be/bmc3V>

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Bunce, R.G.H., Wood, C., Smart, S., (2019) The ecology of British Upland landscapes. II. The influence of policy on the current character of the uplands and the potential for change. *Journal of Landscape Ecology*, 11 (3). 140-154.

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Carrasco, L., Norton, L., Henrys, P., Siriwardena, G.M., Rhodes, C.J., Smart, S., Rowland, C.S., Morton, D.M. (2018) Habitat diversity and structure regulate British bird richness: Implications of non-linear relationships for conservation. *Biological Conservation* 226, 256-263.

Norton, L.R., Smart, S.M., Maskell, L.C., Henrys, P.A., Wood, C.M., Keith, A.M., Emmett, B.A., Cosby, B.J., Thomas, A., Scholefield, P.A., Greene, S., Morton, R.D., Rowland, C.S. (2018) Identifying effective approaches for monitoring national natural capital for policy use. *Ecosystem Services*, 3, Part A, 98-106.

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Gillespie, M. A. K., Baude, M., Biesmeijer, J., Boatman, N., Budge, G. E., Crowe, A., Memmott, J., Morton, R. D., Pietravalle, S., Potts, S. G., Senapathi, D., Smart, S. M. and Kunin, W. E. (2017) A method for the objective selection of landscape-scale study regions and sites at the national level. *Methods in Ecology & Evolution* [doi:10.1111/2041-210X.12779]

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