

Log of CS publications

2025

Bentley, L.; Thomas, A.; Garbutt, A.; Williams, B.; Reinsch, S.; Lebron, I.; Brentegani, M.; Keenan, P.; Wood, C.; Smart, S.M.; Henrys, P.A.; Cosby, B.J.; Emmett, B.A.; Robinson, D.A.. 2025 First signs that national cropland organic carbon loss is reversing in British topsoils. *European Journal of Soil Science*, 76 (3), e70131. 12, <https://doi.org/10.1111/ejss.70131>

Zeke Marshall, Claire Wood, Ed Mountford, John Rodwell, Ian Strachan, Oli Pescott, Irina Tatarenko, John Hodgson, Kevin Walker, James Latham, Lindsay Maskell, Andrea J. Britton, Robin J. Pakeman, Tom Dargie, Ruth Mitchell, Laurence Jones, Alison Hester, Louise Ross, Sarah Dalrymple, Carly Stevens, Ed Rowe, Frances McCullagh Stephen Willis Rob Marrs, Lisa Norton, Simon M. Smart 2025. A National Vegetation Plot Database for Great Britain, Vegetation Classification & Description, <https://vcs.pensoft.net/article/160378/>

Wood, C.M., Metzger, M.J. & Bunce, R.G.H. Protecting the Bunce Legacy: Lessons Learned From Safeguarding Long-term Ecological Survey Datasets in Great Britain. *Environmental Management* 75, 1872–1885 (2025). <https://doi.org/10.1007/s00267-025-02175-5>

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Christopher J. Feeney, Laura Bentley, Daniele De Rosa, Panos Panagos, Bridget A. Emmett, Amy Thomas, David A. Robinson, 2024. Benchmarking soil organic carbon (SOC) concentration provides more robust soil health assessment than the SOC/clay ratio at European scale, *Science of The Total Environment*, Volume 951, <https://doi.org/10.1016/j.scitotenv.2024.175642>.

Robinson, D, Bentley, L., Jones, L., Feeney, C., Garbutt, A., Tandy, S., Lebron, I., Thomas, A., Reinsch, S., Norton, L., Maskell, L., Wood, C., Henrys, P., Jarvis, S., Smart, S., Keith, A., Seaton, F., Skates, J., Higgins, S., ... Emmett, B. A. (2024). Five decades' experience of long-term soil monitoring, and key design principles, to assist the EU soil health mission. *European Journal of Soil Science*, 75(5), e13570. <https://doi.org/10.1111/ejss.13570>

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Lebron, I., Cooper, D.M., Brentegani, M.A., Bentley, L.A., Dos Santos Pereira, G., Keenan, P., Cosby, J.B., Emmet, B. and Robinson, D.A., 2023. Soil carbon determination for long-term monitoring revisited using thermo-gravimetric analysis. *Vadose Zone Journal*, p.e20300.

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Feeney, C.J., Robinson, D.A., Keith, A.M., Vigier, A., Bentley, L., Smith, R.P., Garbutt, A., Maskell, L.C., Norton, L., Wood, C.M. and Cosby, B.J., 2023. Development of soil health benchmarks for managed and semi-natural landscapes. *Science of the Total Environment*, 886, p.163973.

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Amy Thomas, Laura Bentley, Chris Feeney, Stephen Lofts, Ciaran Robb, Ed C Rowe, Amanda Thomson, Eleanor Warren-Thomas, Bridget Emmett. 2023. Land degradation neutrality: Testing the indicator in a temperate agricultural landscape, *Journal of Environmental Management*, Volume 346, <https://doi.org/10.1016/j.jenvman.2023.118884> .

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