

Professor Lorna Dawson, CBE, FRSA, FRSE



Lorna Dawson graduated with a BSc (hons) in Geography, Edinburgh University and then a PhD in Soil Science, Aberdeen University. Currently she is Principal Scientist and Head of Forensic Soil Science at the James Hutton Institute, Aberdeen, Visiting Professor at RGU, Chartered Scientist, Fellow of the Institute of British Soil Scientists, Fellow of the Royal Society of Edinburgh, and Fellow of the Royal Society of Arts.

She is an advisor with the National Crime Agency, a trained Expert Witness, and holds diplomas in civil and criminal law, and has worked on over 150 cases with police, agencies, and lawyers across the UK and overseas. She has published over 100 scientific papers, books and book chapters, sits on the BAS General Committee, and holds a diploma in Science Communication, Bristol.

She is the Science Advisor and KE Lead for Environment for SEFARI (Scottish Environment Food Agriculture Research Institutes) and sits on the Environment Protection Scotland Land Quality Expert Advisory Group. She authored the RSA Scotland FFCC report and is co-lead in the Food, Farming and Countryside (FFCC) current devolved Scotland inquiry.

Martin Ballard CEnv CMgr MIEMA



Martin is the Group Environment Manager at Willmott Dixon Holdings.

He joined Willmott Dixon Holdings in November 2011 and working with the Group's SHE team, Martin is responsible for assurance of the Group's environmental protection and risk mitigation, realise business efficiencies and liberating opportunities with assurance.

Experienced in land management practices, regulation, wastewater treatment and biosolids application, as well as soil remediation and materials reuse for developments, he initiated the Society for the Environment's Soils and Stones Task Group with its constituent bodies. Martin has chaired the construction industry's Strategic Forum Water Task Group and the [BIG Biodiversity Challenge](#) awards selection panel.

Dr Alexandre Wadoux



Dr Alexandre Wadoux is a research associate in soil science and pedometrics at the University of Sydney.

He has made contributions to soil science through the development of quantitative methods for soil sampling, mapping and assessment using geostatistics, statistical learning algorithms and spectroscopy.

Recent works have focused on understanding how and why dynamic soil properties (pH, soil carbon) vary in space and time, and what are the main drivers of soil biodiversity in Australia.

Alexandre holds a MSc in soil science from Tubingen, a MSc in epistemology from Nantes, and a PhD from Wageningen University.

Professor Emeritus John Boardman



John Boardman is a geomorphologist educated at the Universities of Keele (BA and DSc) and London (BSc, PhD, PGCE). John retired from ECI in September 2008 and from his positions as Deputy Director of the ECI, Director of the MSc in Environmental Change and Management. He is now an Emeritus Fellow at the ECI, Research Fellow at Green-Templeton College, Oxford and at the Department of Geography, University of the Free State, Bloemfontein, South Africa. He is a Fellow of the RGS and the BSG.

He has published over 160 papers mainly on land degradation and has edited several books: *Soils and Quaternary Landscape Evolution* (Wiley 1985), *Periglacial Processes and Landforms in*

Britain and Ireland (CUP 1987), *Soil Erosion on Agricultural Land* (Wiley 1990), *Past and Present Soil Erosion* (Oxbow, 1992), *Modelling Soil Erosion by Water* (Springer 1998), *Soil Erosion in Europe* (Wiley 2006) and *Southern African Landscapes and Environmental Change* (Routledge, 2018). He has an H index of 24 (WoS) and 32 (Scopus).

John was Chairman of the EU-funded COST Action 623 'Soil Erosion and Global Change' (1998-2003) with 21 participating countries and Chaired a Working Group in COST 634 'On and Off-Site Impacts of Runoff and Erosion'. He is UK representative on the COST (European Cooperation in Science and Technology) Transdisciplinary Proposal Standing Assessment Board and on the Earth System Science and Environmental Management committee.

John continues to work on soil erosion in southern England and on land degradation in South Africa.

British Society of Soil Science Cranfield University, Building 42a, Cranfield, Bedfordshire MK43 0AL

T: +44 (0)1234 752 983 F: +44 (0)1234 752 970 E: admin@soils.org.uk W: www.soils.org.uk