ISEULT LYNCH

Iseult Lynch holds a BSc. and PhD in Chemistry from University College Dublin, Ireland. She is Chair (Professor) of Environmental Nanosciences at the School of Geography, Earth and Environmental Sciences, University of Birmingham. Her research interests span development and optimisation of nanoscale materials for a range of environmental applications such as precision agriculture, as well as assessment and prediction of the human and environmental impacts of engineered and anthropogenic nanoscale materials. She has pioneered the concept of the biomolecule and environmental coronas, and the development of enhanced understanding of the interactions of nanoscale materials with living systems. In recent years she has becoming increasingly active in research data management and FAIRification of data. She is co-Lead on FAIR data in the €400 million Partnership for Assessment of the Risks of Chemicals (PARC). She is a Clarivate highly cited researcher (cross-field, 2018 and 2022), and has a h-index of 79 and an i10-index of 256, with a field-weighted citation score of 3.28. She was awarded the 2020 John Jeyes prize for Environmental Sciences from the Royal Society of Chemistry for her research into the impacts of the acquired ecological corona on nanomaterials ecotoxicity, and the 2021 SETAC Europe Noack Laboratorien Outstanding Science Award. Her research is funded through grants from the European Commission, the Natural Environment Research Council, the Leverhulme Trust, and feeds into international activities such as updating of OECD test guidelines for chemical safety testing. Iseult Chairs the Hazardous Substances Advisory Committee in the UK, which advises the Department for Environment, Food and Rural Affairs (DEFRA) on all aspects related to chemicals in the environment.