

Dr Mirjam Röder

Associate Professorial Research Fellow, Energy and Bioproducts Research Institute (EBRI) at Aston University

Birmingham, , GB

Dr Röder's research interests focus on bioenergy and related sustainability implications.

Biography

Dr Mirjam Röder is an Associate Professorial Research Fellow (Reader) at the Energy and Bioproducts Research Institute (EBRI) at Aston University. She leads the EBRI Systems Analysis group and is an experienced research leader in sustainable bioenergy systems and transition to low-carbon societies bridging engineering, natural and social sciences. She has extensive knowledge of the bioenergy sector, including biomass availability, conversion technologies, Bioenergy with carbon capture and storage (BECCS) markets, and end-user demand. Dr Röder has a strong track record of leading and managing research on UKRI- and Government-funded and industry-academic partnership projects with a diverse research funding portfolio (e.g., EPSRC, BBSRC, NERC, ESRC, Innovate UK, UK Aid). Additionally, she has long-term experience collaborating with the industrial, public sector and the wider public. Working over 12 years in academia, she has developed an exceptional interdisciplinary research track record with a wide skill set in quantitative and qualitative methods and interdisciplinary synthesis. Dr Röder is an experienced research group leader, supervising research staff and PhDs and a mentor and ambassador on equity, diversity and inclusion with a focus on STEM and early career development. Her equality, diversity and inclusion (EDI) expertise includes leading on the successful Athena Swan Gold Award of the College for Engineering and Physical Sciences and supporting the Race Equality Charter activities of Aston University.

Areas of Expertise

Sustainability, Negative Emissions, Bioenergy and Bioeconomy, Climate Change, Bioenergy and Carbon Capture and Storage (BECCS)

Affiliations

WIREs Energy and Environment : Associate Editor, Bioenergy , Biomass and Bioenergy : Guest Editor, Special Issue

Education

Humboldt-Universität zu Berlin

PhD Agricultural Sciences / Agro-sociology

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