Biomass Energy with Carbon Capture and Storage (BECCS): Unlocking Negative Emissions
Clair Gough (Editor), Patricia Thornley (Editor), Sarah Mander (Editor), Naomi Vaughan (Editor), Amanda Lea-Langton (Editor)

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DESCRIPTION

An essential resource for understanding the potential role for biomass energy with carbon capture and storage in addressing climate change

*Biomass Energy with Carbon Capture and Storage (BECCS)* offers a comprehensive review of the characteristics of BECCS technologies in relation to its various applications. The authors — a team of expert professionals — bring together in one volume the technical, scientific, social, economic and governance issues relating to the potential deployment of BECCS as a key approach to climate change mitigation.

The text contains information on the current and future opportunities and constraints for biomass energy, explores the technologies involved in BECCS systems and the performance characteristics of a variety of technical systems. In addition, the text includes an examination of the role of BECCS in climate change mitigation, carbon accounting across the supply chain and policy frameworks. The authors also offer a review of the social and ethical aspects as well as the costs and economics of BECCS. This important text:

- Reveals the role BECCS could play in the transition to a low-carbon economy
- Discusses the wide variety of technical and non-technical constraints of BECCS
- Presents the basics of biomass energy systems
- Reviews the technical and engineering issues pertinent to BECCS
• Explores the societal implications of BECCS systems

Written for academics and research professionals, *Biomass Energy with Carbon Capture and Storage (BECCS)* brings together in one volume the issues surrounding BECCS in an accessible and authoritative manner.

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**ABOUT THE AUTHOR**

**Clair Gough** is a Research Fellow at the Tyndall Centre for Climate Change Research in the School of Mechanical, Aerospace and Civil Engineering at the University of Manchester.

**Patricia Thornley** is a Professor of sustainable energy systems in the School of Mechanical, Aerospace and Civil Engineering at the University of Manchester and director of the UK’s Supergen Bioenergy Hub.

**Sarah Mander** is a Senior Research Fellow in the School of Mechanical, Aerospace and Civil Engineering at the Tyndall Centre for Climate Change Research at the University of Manchester.

**Naomi Vaughan** is a lecturer in climate change at the Tyndall Centre for Climate Change Research at the School of Environmental Sciences at the University of East Anglia.

**Amanda Lea-Langton** is a Lecturer in bioenergy engineering in the School of Mechanical, Aerospace and Civil Engineering, University of Manchester.

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