

Life Cycle Assessment: Biochar as a Greenhouse Gas Sink? - DTU Orbit (08/11/2017)

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This user-friendly book introduces biochar to potential users in the professional sphere. It de-mystifies the scientific, engineering and managerial issues surrounding biochar for the benefit of audiences including policy makers, landowners and farmers, land use, agricultural and environmental managers and consultants, industry and lobby groups and NGOs. The book reviews state-of-the-art knowledge in an approachable way for the non-scientist, covering all aspects of biochar production, soil science, agriculture, environmental impacts, economics, law and regulation and climate change policy. Chapters provide 'hands-on' practical information, including how to evaluate biochar and understand what it is doing when added to the soil, how to combine biochar with other soil amendments (such as manure and composts) to achieve desired outcomes, and how to ensure safe and effective use. The authors also present research findings from the first coordinated European biochar field trial and summarize European field trial data. Explanatory boxes, infographics and concise summaries of key concepts are included throughout to make the subject more understandable and approachable.

General information

State: Published

Organisations: Department of Management Engineering, Quantitative Sustainability Assessment

Authors: Rödger, J. (Intern), Hammond, J. (Ekstern), Brownsort, P. (Ekstern), Dickinson, D. (Ekstern), Loewen, A. (Ekstern)

Pages: 184-204

Publication date: 2016

Host publication information

Title of host publication: Biochar in European Soils and Agriculture : Science and Practice

Place of publication: New York

Publisher: Routledge

Editors: Shackley, S., Ruysschaert, G., Zwart, K., Glaser, B.

ISBN (Print): 978-0-415-71166-1

ISBN (Electronic): 978-1-315-88446-2

Chapter: 8

Main Research Area: Technical/natural sciences

Publication: Research - peer-review › Book chapter – Annual report year: 2016