



Bioenergy from Dendromass for the Sustainable Development of Rural Areas

David Butler Manning (Editor), Albrecht Bemann (Editor), Michael Bredemeier (Editor), Norbert Lamersdorf (Editor), Christian Ammer (Editor)

E-Book	ISBN: 978-3-527-68299-7	September 2015	€124.99
Hardcover	ISBN: 978-3-527-33764-4	October 2015	€130.00
O-Book	ISBN: 978-3-527-68297-3	September 2015	Available on Wiley Online Library

DESCRIPTION

Based on the results of two bioenergy research initiatives in Germany, this reference examines the sustainable management of wood biomass in rural areas. The large number of participating organizations and research institutes ensures a balanced and unbiased view on the potentials and risks is presented, taking into account economic, ecological, and social aspects.

Most of the results reported are available here for the first time in English and have been collated in central Europe, but are equally applicable to other temperate regions. They highlight best practices for enhancing dendromass potential and productivity, while discussing the implications on rural economies and ecosystems.

ABOUT THE AUTHOR

Albrecht Bemann heads the department of Forestry and Forest Products of Eastern Europe at Dresden Technical University in Tharandt (Germany). He obtained his academic degrees in forestry at Dresden and St. Petersburg (Russia).

David Butler-Manning studied forestry at Dublin (Ireland) and Freiburg (Germany). He is currently the project coordinator for AgroForNet, a federal research initiative for the sustainable use of dendromass to generate bioenergy.

Christian Ammer is the head of the section Silviculture and Forest Ecology of the Temperate Zones at Göttingen University (Germany). His main interests are in the fields of regeneration ecology, the relationship between competition and growth in mixed stands, and the effects of resource availability and ontogeny on biomass partitioning of trees.

Michael Bredemeier studied forestry at the universities of Munich, Göttingen (Germany), and Corvallis (USA). In his current position he is professor, research scientist and coordinator at the Forest Ecosystems Research Centre of Göttingen University.

Norbert Lamersdorf is the deputy head of the department of Soil Science of Temperate and Boreal Ecosystems at Göttingen University (Germany). During the past 25 years, he has taken part in a wide range of international research projects on forest ecosystems, including EU-NITREX, EXMAN, BACPOLES, NOVALIS and RATING-SRC.

For additional product details, please visit <https://www.wiley.com/en-by>