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Nota di contenuto	EurSafe 2012 Committees -- Preface -- Keynote contributions Domains of climate ethics: an overview -- The global governance of climate change, forests, water, and food: normative challenges -- The willed blindness of humans: animal welfare and beyond -- Section 1. Sustainability: general issues -- Which sustainability suits you? -- The value(s) of sustainability within a pragmatically justified theory of values: considerations in the context of climate change -- Towards an ecological space paradigm: fair and sustainable distribution of environmental resources -- Section 2. Property rights and commons -- Addressing the commons: normative approaches to common pool resources -- A global solution to land grabbing? An institutional cosmopolitan approach -- Climate change, intellectual property rights and global justice -- Section 3. Global warming and climate change -- Global warming, ethics, and cultural criticism -- The ethics of climate change denial -- World wide views on global warming: evaluation of a public debate -- The truth is that we have an inconvenient nature -- Section 4. Ethics, adaptation & mitigation -- A climate tax on meat? -- Acting now or later? Determining an adequate decision strategy for

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Sommario/riassunto

Climate change is a major framing condition for sustainable development of agriculture and food. Global food production is a major contributor to global greenhouse gas emissions and at the same time it is among the sectors worst affected by climate change. This book brings together a multidisciplinary group of authors exploring the ethical dimensions of climate change and food. Conceptual clarifications provide a necessary basis for putting sustainable development into practice. Adaptation and mitigation demand altering both agricultural and consumption practices. Intensive vs. extensive production is reassessed with regard to animal welfare, efficiency and environmental implications. Property rights play an ever-increasing role, as do shifting land-use practices, agro-energy, biotechnology, food policy to green consumerism. And, last but not least, tools are suggested for teaching agricultural and food ethics. Notwithstanding the plurality of ethical analyses and their outcome, it becomes apparent that governance of agri-food is faced by new needs and new approaches of bringing in the value dimension much more explicitly. This book is intended to serve as a stimulating collection that will contribute to debate and reflection on the sustainable future of agriculture and food production in the face of global change.

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Nota di contenuto	Front Cover -- Recycling and Deinking of Recovered Paper -- Copyright Page -- Contents -- List of figures -- List of tables -- Preface -- Acknowledgments -- 1 Introduction -- 1.1 Introduction -- 1.1.1 The paper and paperboard industry in the global market -- 1.1.2 Paper Recycling Statistics -- 1.1.3 General aspects of paper recycling -- 1.1.4 Benefits of recycling -- 1.1.5 Challenges for paper recyclers -- 1.2 De-inking -- 1.3 Adhesives -- 1.4 Limited life cycle -- References -- 2 Legislation for the use of recycled paper -- 2.1 Introduction -- 2.2 Legislation in the European Union -- 2.3 Legislation in Japan -- 2.4 Legislation in the USA -- References -- 3 Grading, collection systems, and sorting of recovered paper -- 3.1 Waste paper grades for recycling -- 3.1.1 Brown grade or old corrugated containers/cardboards -- 3.1.2 White grade -- 3.1.2.1 Sorted white ledger and office waste -- 3.1.2.2 File stock -- 3.1.2.3 High-grade deinked paper -- 3.1.2.4 Pulp substitutes -- 3.2 Mechanical grade consisting of old newspapers and magazines -- 3.3 Mixed paper grade -- 3.4 Other grades -- 3.4.1 Collection -- 3.4.2 Sorting, handling, and storage of recovered paper -- References -- Further reading -- 4 Process steps in recycled fiber processing -- 4.1 Introduction -- 4.2 History of the deinking process -- 4.3 Process steps and equipments -- 4.3.1 Pulping -- 4.3.2 Deflaking -- 4.3.3 Refuse removal -- 4.3.4 High-density cleaning --

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Sommario/riassunto

This book, authored by Pratima Bajpai, explores the processes and technologies involved in the recycling and deinking of recovered paper. It delves into various aspects of paper recycling, including legislative frameworks, grading, collection systems, and sorting methods for recovered paper. The book also examines process steps, design systems for different paper grades, and the impact of recycling on pulp quality. Special emphasis is placed on the role of chemicals and enzymes in deinking, as well as the environmental benefits and challenges of paper recycling. This second edition provides updated insights into the field, making it a valuable resource for professionals, researchers, and students in the pulp and paper industry.
