

TOWARDS SUSTAINABLE AVIATION

Paul Upham, Janet Maughan, David Raper, Callum Thomas

- ❑ Aviation is crucial for prosperity and economic growth and is also the fastest-growing source of greenhouse gas emissions and other environmental problems
- ❑ Achieving sustainable aviation presents an enormous challenge. Many of the world's leading experts come together in this book to explore how it can be done
- ❑ Essential reading for the whole transport industry, associated professionals as well as researchers, academics and students

Aviation is integral to the global economy but also one of the main obstacles to environmentally sustainable development. It is one of the world's fastest growing – and most polluting – industries. What can be done to retain the economic and other benefits it brings, without the associated pollution, noise, congestion and loss of countryside? In this volume, industry, policy and research experts examine how to address the problems, and what it would take to achieve genuinely sustainable aviation – looking at technological, policy and demand-management options.

Without far-reaching changes the problems caused by aviation can only multiply and worsen. This volume takes an important step in accurately diagnosing them and in pointing towards their solutions.

AUTHOR INFORMATION

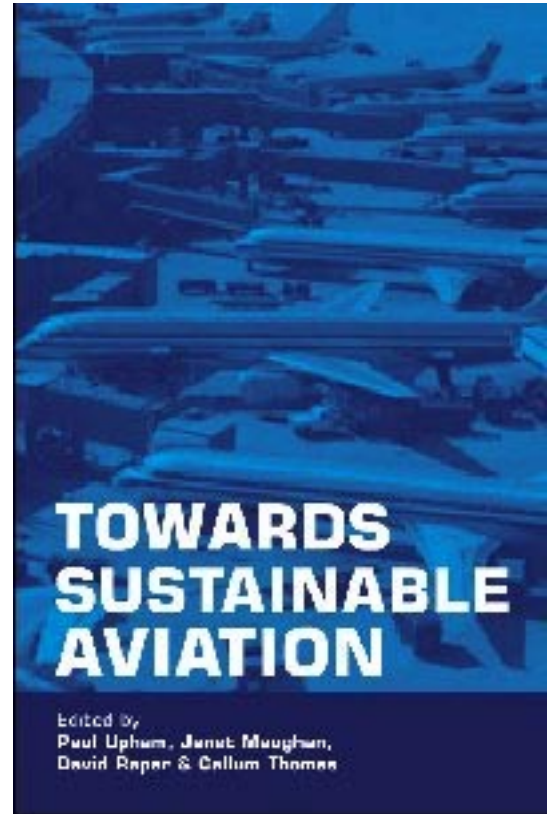
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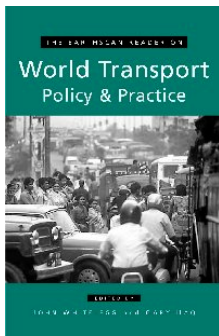
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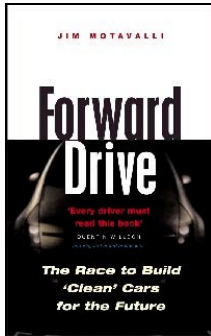
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- Part 2: Mitigations and Potential Solutions** • Environmental management and the aviation industry • The potential for modal substitution • Airfreight and global supply chains • The potential offered by aircraft and engine technologies • Climate policy for civil aviation •
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