

The Climate–Energy–Land Nexus in Indonesia: Biofuel, REDD+ and biochar

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=9999920552536&lokasi=lokal>

Abstrak

This book extends the framework of the climate-energy-land nexus to elucidate political, economic, social, and institutional factors and causal mechanisms that stringent climate targets bring about, rather than mitigate a disproportional heavy burden on the forest sector in Indonesia.

Assessing climate, energy, agricultural, forest, and transmigration policies, and REDD+ and biochar solutions through a multidisciplinary approach, ranging from biological, agricultural, technological, economic, and institutional lenses, the book identifies the political-economic and socio-technical regimes that cause the crosssectoral transfer of responsibility for greenhouse gas emissions to palm-oil-based biofuel, imposing an excess burden on the forest sector and accelerating indirect land-use change. It also proposes possible countermeasures for agricultural and forest sectors, reconfirming that technical applications and integrated policymaking should trigger the socioeconomic changes that will make transformative change happen in Indonesia.

As an analysis of the success, or otherwise, of stringent climate targets, policies, and technological and non-technological measures on the reduction of greenhouse gases, this book will be of great interest to students and scholars in the fields of environment & sustainability, Asian studies, energy, environment and agriculture, forestry, and agriculture & environmental sciences. It will also appeal to practitioners and policymakers tackling net-zero emissions and land and forest governance.