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Sommario/riassunto	This book is a compilation of selected papers from the 2024 13th International Conference on Clean and Green Energy (ICCGE 2024). ICCGE is held annually and designed to deliver a rich and diverse set of benefits to readers, empowering them with the knowledge and inspiration needed to contribute to the ongoing progress in the field of clean and green energy. The academic researchers, engineers in the industry, and students in universities can acquire practical insights and real-world applications of clean energy technologies, enabling readers to implement sustainable practices in diverse industries and sectors. This book can also serve as a valuable educational resource for students, educators, and researchers, offering foundational knowledge and insights into key concepts and emerging trends in clean and green energy.