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Nota di contenuto	Enhanced Electrocatalytic CO <sub>2</sub> Reduction over 2D Conjugated Cu MOF via Doping with Carbon Nanotubes -- Feasibility Study on the Utilization of Underground Facilities for the Disposal of Chemical Agents -- Research progress of the osteogenic activity of the active peptides from <i>Caulerpa Lentillifera</i> -- Research progress of additives in compound feeds for marine ornamental fish and its sustainable development -- Review of the effects of microaeration on methanogens in the anaerobic digestion systems -- Scale and seasonal-dependent impacts of land-use types on river water quality of multiple watersheds in Southern China -- The Exploration on the Path of Improving the Performance of Regional Environmental Policy in the Development of Regional Integration in China Based on the Perspective of Policy Network -- A joint data-physics-knowledge driven strategy for electric

heating load forecasting and scheduling -- Internet use and pro-environment behavior: A mediating effect analysis based on class identity -- Research and practice on high impact pollution control of Urban Lakes — A case study of Yanjia Lake in Wuhan -- A fuzzy bi-level optimization method for urban ecosystem management - a case study of Xiamen, China -- Energy consumption of cities from a consumption-based perspective: A case study of Fujian -- Analysis of Sectoral Linkages of Carbon Emissions in Fujian Province Using an Absolute Weighted Analysis -- An ecological-network input-output clustering model for analyzing CO<sub>2</sub> emission system -- Synergetic planning of multi-regional energy system under climate change and uncertainty.

#### Sommario/riassunto

This book provides audiences the research ideas and research achievements of authors who attended CEESD 2022. Although all countries in the world are vigorously promoting environmental governance and improving people's living environment, environmental pollution is still serious, and environmental protection requires more advanced concepts and technologies. This conference attracted many scientific researchers in the environmental field to actively discuss and share their scientific research results and ideas, which will provide important reference value for others.