

Special Issue

Green Growth: Global Low-Carbon Economic Transition for Sustainable Development

Message from the Guest Editor

The goal of achieving economic growth while maintaining environmental sustainability is known as "green growth". It places a strong emphasis on the shift to a low-carbon economy, striking a balance between greenhouse gas emission reduction and economic growth. This methodology tackles resource efficiency, climate change, and sustainable development objectives by disentangling economic advancement from ecological deterioration. A number of industries are involved in the shift to a global low-carbon economy, including manufacturing, transportation, energy, and agriculture. Policies and tactics, such as carbon pricing, green funding, and regulatory frameworks, are crucial at national and international levels. To ensure a reasonable and equitable change for all stakeholders, this transition also entails promoting social inclusion, innovation, and the creation of green jobs. Green growth is a key component of sustainable global development because it offers prospects for economic diversification, resilience building, and enhanced human well-being in addition to environmental benefits.

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