

Special Issue

Understanding Low-Carbon Development: How Fairness Exists

Message from the Guest Editors

Low-carbon development based on low-energy consumption and pollution is becoming a popular topic internationally and a new global trend. The most critical issue in low-carbon development is fairness, which mainly involves considering the efficiency and fairness of emission subjects as well as emission reduction efficiency and development fairness between regions. Therefore, it is worth paying attention to the reasonable allocation of emission quotas based on relative fairness, establishing an allocation mechanism based on “efficiency”, removing barriers to inter-regional emission quota trading, and installing a corresponding inter-local government trading mechanism. This Special Issue presents original studies on low-carbon development from an equity perspective. It also includes new results on allocating carbon emission quotas, carbon tax, carbon sequestration, the transition tool, and other related topics. Furthermore, this Special Issue offers engineers, managers, and researchers a foundation to exchange results and progress in low-carbon development and related areas.

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