

Implementing integrative land use research for the Earth's future -with reference to some Asian countries

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The grand design of Future Earth entitled "Future Earth 2025 Vision" issued in 2014 presented eight "key focal challenges, namely those on water-energy-food, climate change, natural assets, cities, rural futures, health, consumption/production, and governance systems. Land use is one of the issues that are related with them all. However, it is likely to be viewed and studied differently and separately in each of these challenges. In order to meet the diversity of interests or requirements, it is important to conduct integrative basic studies of land use change at different regional levels such as national to sub-national levels, and link them to applied studies specializing in each of the proposed challenges. The paper discusses the structure and elements of such integrative land use study system, priority issues and expected outcomes, with reference to some Asian countries.

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