

Special Issue

Industrial Ecology for Sustainable Development

Message from the Guest Editors

Industrial ecology aims to apply the lessons from the functioning of the ecosystem for balancing society's manufacturing and consumption obsessions with environmental conservation by systemically collating firms and business processes through a circular system. Wider adoption and applications of emerging tools have proven to improve agglomerate economies, regional clusters, networking between firms, and technology-based integrated assessment models of the resulting "industrial ecosystems", which exemplifies the developmental aspect achieved in harmony with environmental conservation. With current resource use and economic infatuation, long-term sustainability is of utmost importance and the resource and impact decoupling scopes offered by retrofitting industrial ecology in production systems will aid toward this goal. This Special Issue is an attempt to capture the progress of industrial ecology for achieving sustainable development in general.

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