



Research School for Operations
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'Greenmap' for future sustainable food supply chain networks

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Over the past years, the conventional intensive agricultural heavily relied on tremendous inputs of natural resources, causing serious environmental consequences, economic loss and social disturbance. About 30 years ago, the Chinese government has launched the 'Green Food' program as an intermediate practical pathway for the transition from conventional chemical agriculture to certified organic food production while simultaneously providing a price premium, which is successful but seems has reached a plateau. For now the Green Food focuses more on farming stage, we consider that re-designing its food supply chain network could impulse its 'farmgate-to-market' development, mitigate the negative environmental, economic, and social impacts in this stage, and bring us a 'Greenmap' for future sustainable food supply chain networks.