



Initiatives to Advance Circulating and Ecological Sphere Concept for Greater Resilient City Regions in Asia

Senior Researcher, Natural resource and Ecosystem Services

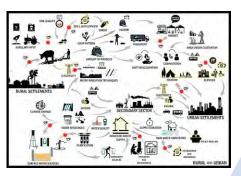
Bijon Kumer Mitra

Since 2018, IGES has been working to promote the CES concept as a means of implementing sustainability and resilient society in Asia

- Prof. Takeuchi, introduced the CES concept in the STS Forum 2018.
- IGES launched the first project to promote the CES concept outside of Japan (India and Bangladesh)







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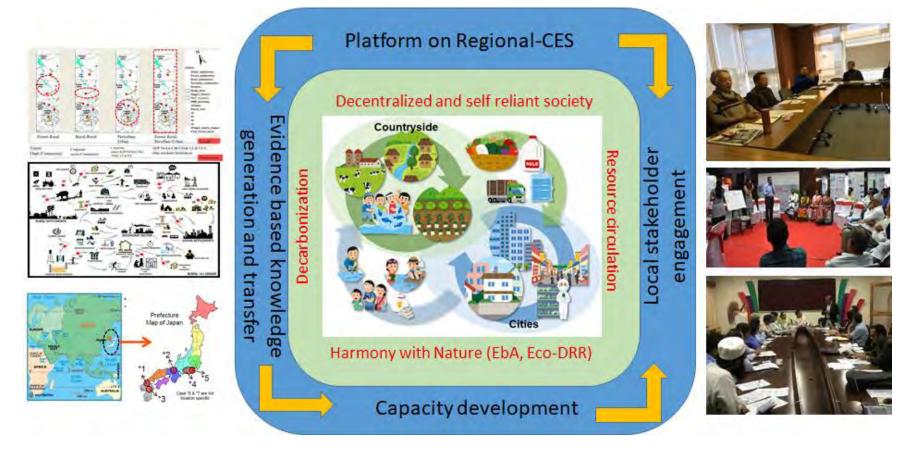
2018

The 5th Basic Environmental plan of Japan

- Launched IGES proposal on Circulating and Ecological Economy - Regional and Local CES at the 6th APFSD 2019
- Organize CES session at ISAP 2019 in order to facilitate knowledge sharing

- Sign MOU with START to promote CES concept in the South Asia and South east Asia
- Signed MOU with APN to promote the concept in developing countries

Our approach to advance CES in the Asia Region



- Establish regional platform on CES
- Mapping issues that need Region-CES approach
- Conduct case study (in Japan and Outside)

- Analysis of good practice (eg. Kanagawa water environment conservation program) and transfer knowledge to other regions
- Co-design of Regional-CES framework base on local needs
- Capacity development program

IGES-START Collaboration

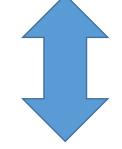
(Elaboration of concept, Mapping studies, Regional workshops)
Regional collaborators: Thammasat Univ, Thailand
Visvesvaraya National Institute of Technology, India

Regional platform on CES Knowledge generation and sharing

Outputs

CES framework to address local needs

Outreach of the CES concept



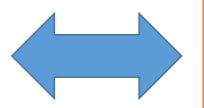


Thammasat Univ

APN-IGES (KRC) CES

(National level workshop)

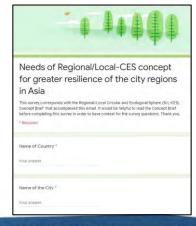
To support formulation of a new model of collaborative regional projects on CES, and to promote the initiative in the Asia-Pacific region



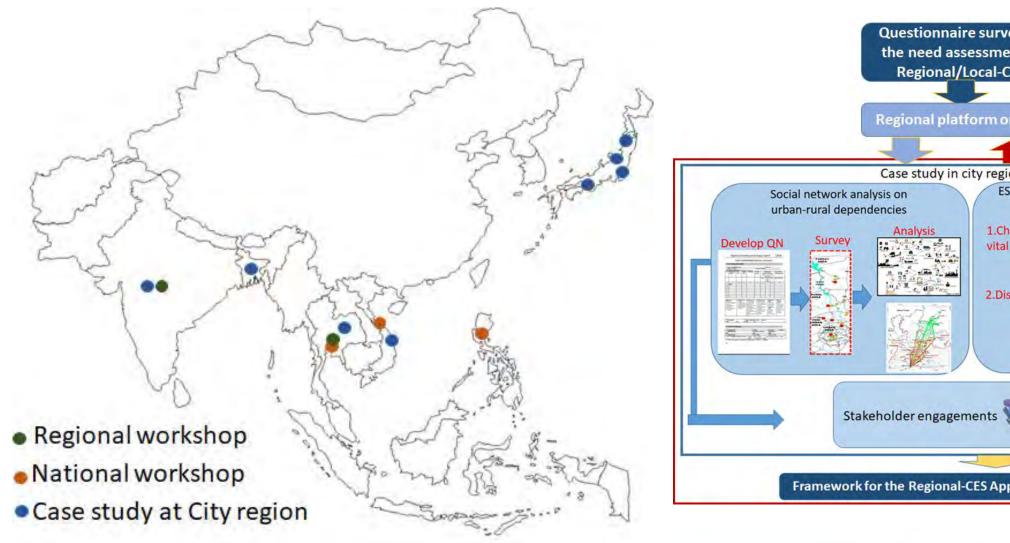
IGES Core Research

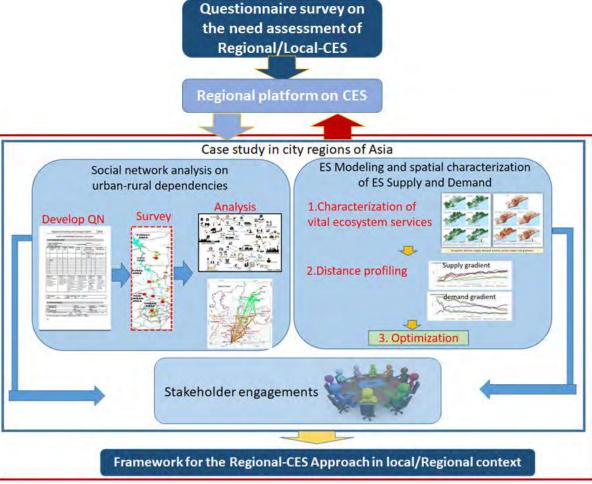
(International and domestic case studies)

- Generate evidence based knowledge
- Multi-stakeholder engagement



Our activities to advance the CES Concept in the Asia Region





Outreach and impact generations

ISAP TT-6:Towards New Paradigms in Urban-Rural Linkages: Fostering Innovations for Sustainable Resource Management and Collective Resilience

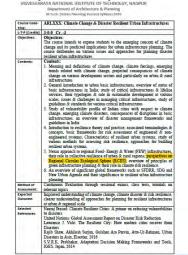




Letters from the honorable Mayor of Nagpur



CES in Urban planning syllabus, VNIT



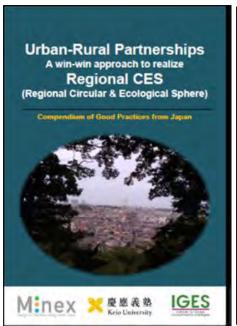
CES got coverage in National and local news papers



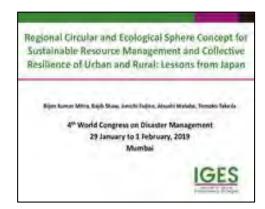


Publications



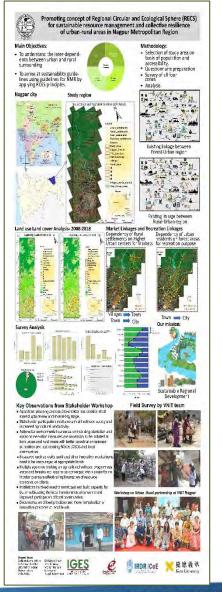








Book
Circulating and
Ecological Sphere:
Concept and
Applications
(Forthcoming)



ご清聴ありがとうございました。 Thank you for your attention.

Senior Researcher, Natural Resource and Ecosystem Services

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