



Innovation & Regional Integration – Knowledge Networks

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Integration

- Regionalization rather than regionalism
- JETRO, METI goal of a seamless web of markets
- A Sociology of Regionalism - Economic Partnerships versus Comprehensive Trade Agreements

Global Value Chains (GVCs)

- Scope - beyond supply chain to consumption, state, and society
- Key – adding value at every link in the chain
- Embedding - From Chains to Networks
- From Production to Knowledge Networks

Innovation – Nexus of Global & Local

- Castells – space of place and space of flows
- Nonaka – social context of tacit versus explicit knowledge
- Sturgeon – knowledge in manufacturing – modular versus integral production

Development Studies

- Anchoring nodes or hubs (clusters) in GVCs of major Multinationals in electronics, automobile manufacture
- Transition from technology to knowledge transfer
- Transition from anchoring production in GVCs to anchoring innovation

Region and Innovation

- Depth of knowledge networks in three nations of Northeast Asia – Japan, China, S Korea
- Compatibility of knowledge networks in Southeast Asia with preferential trade agreements
- Outsourcing of innovation (product development)

Region and Techno-Nationalism

- Innovation and National Security
- Discrepant traditions and structures for Intellectual Property Rights
- Low levels of inward FDI in Japan and S Korea
- Weak international labor flows in Northeast Asia

Directions of Research

- Regional Integration and Urban Consumer Society
- GVCs - Power and changing sectoral structure
- Innovation – Knowledge Flows and National Innovation Systems