

G7 Environment

Universities for Sustainable Development



G7 2017
ITALIA



MINISTERO DELL'AMBIENTE
E DELLA TUTELA DEL TERRITORIO E DEL MARE

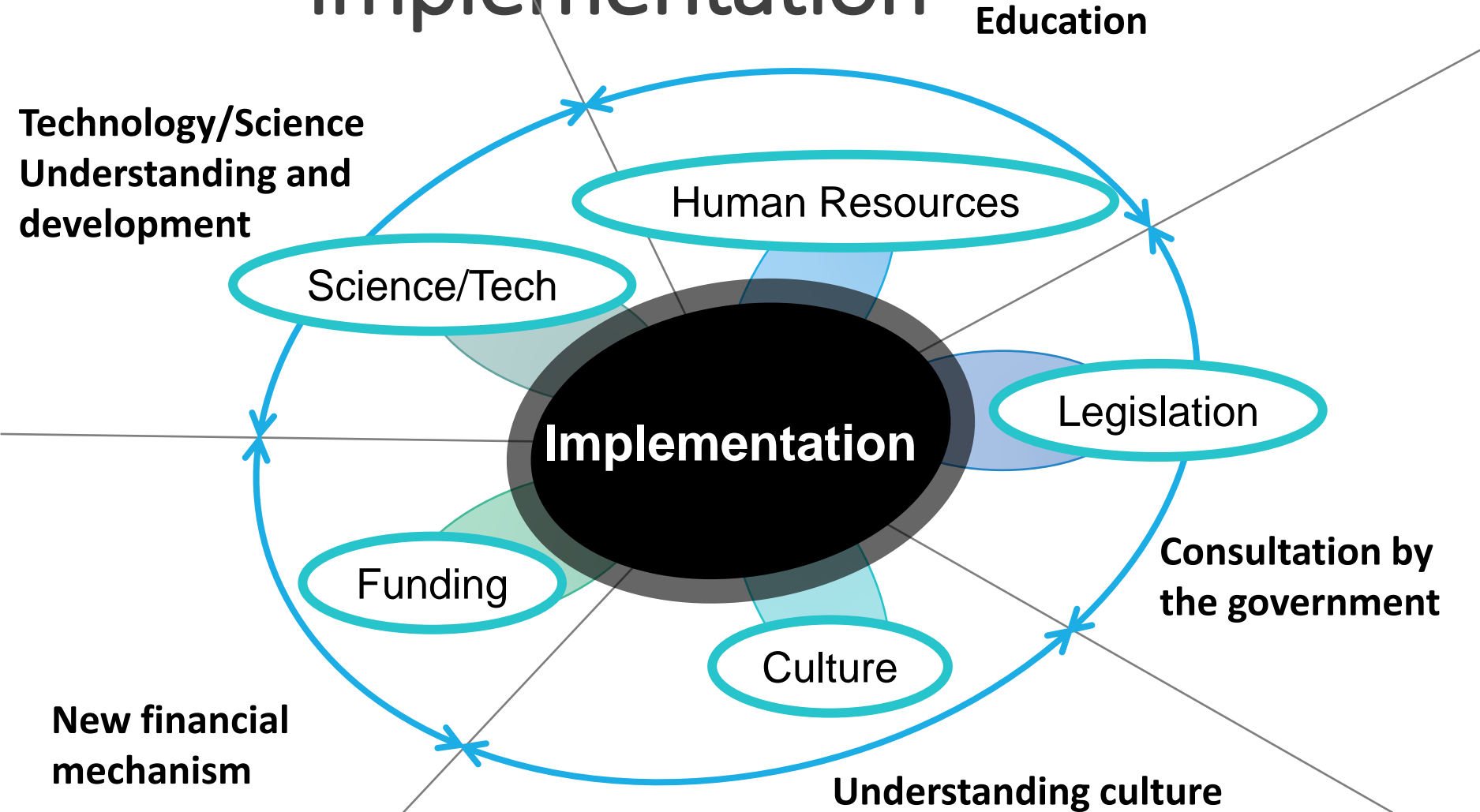
Promoting SDGs through Sustainability Science Research

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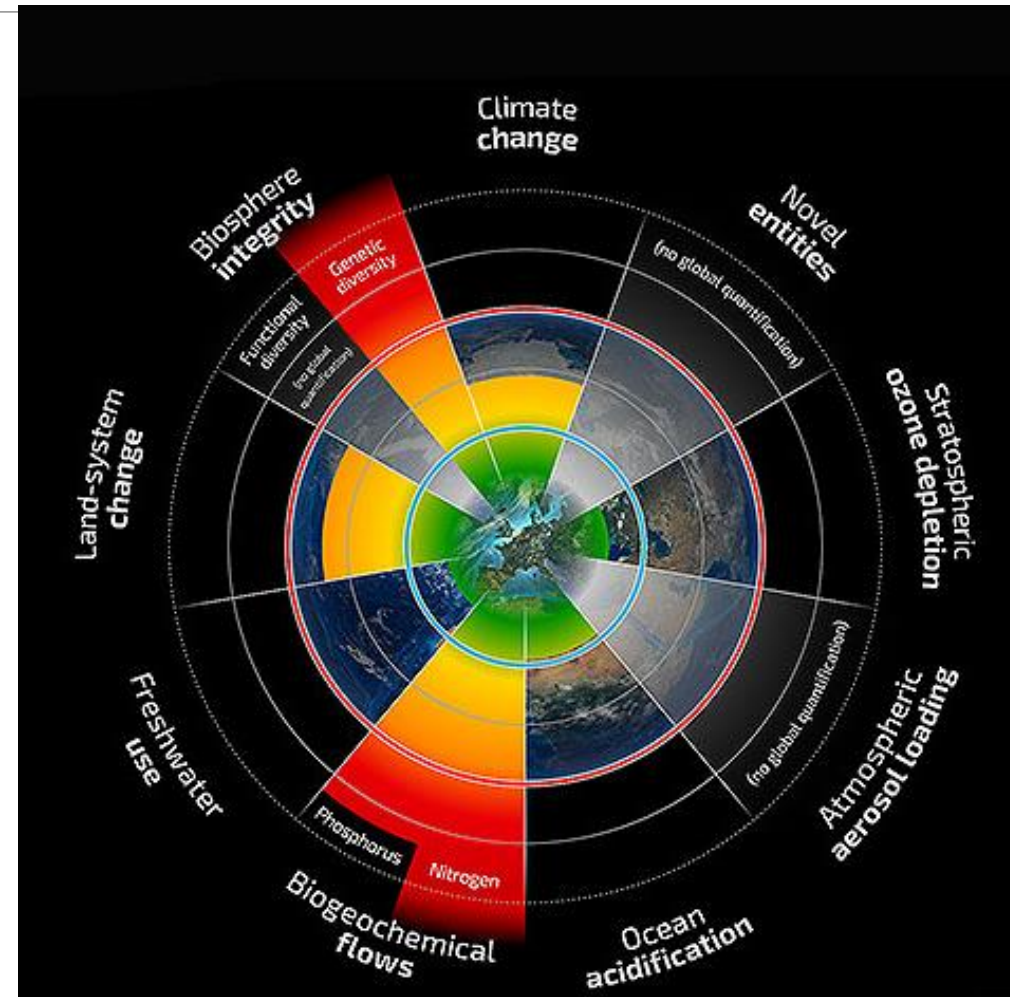
VISITING PROFESSOR, UNITED NATIONS UNIVERSITY INSTITUTE FOR THE ADVANCED STUDY OF SUSTAINABILITY

SDGs promotion: Barriers for implementation

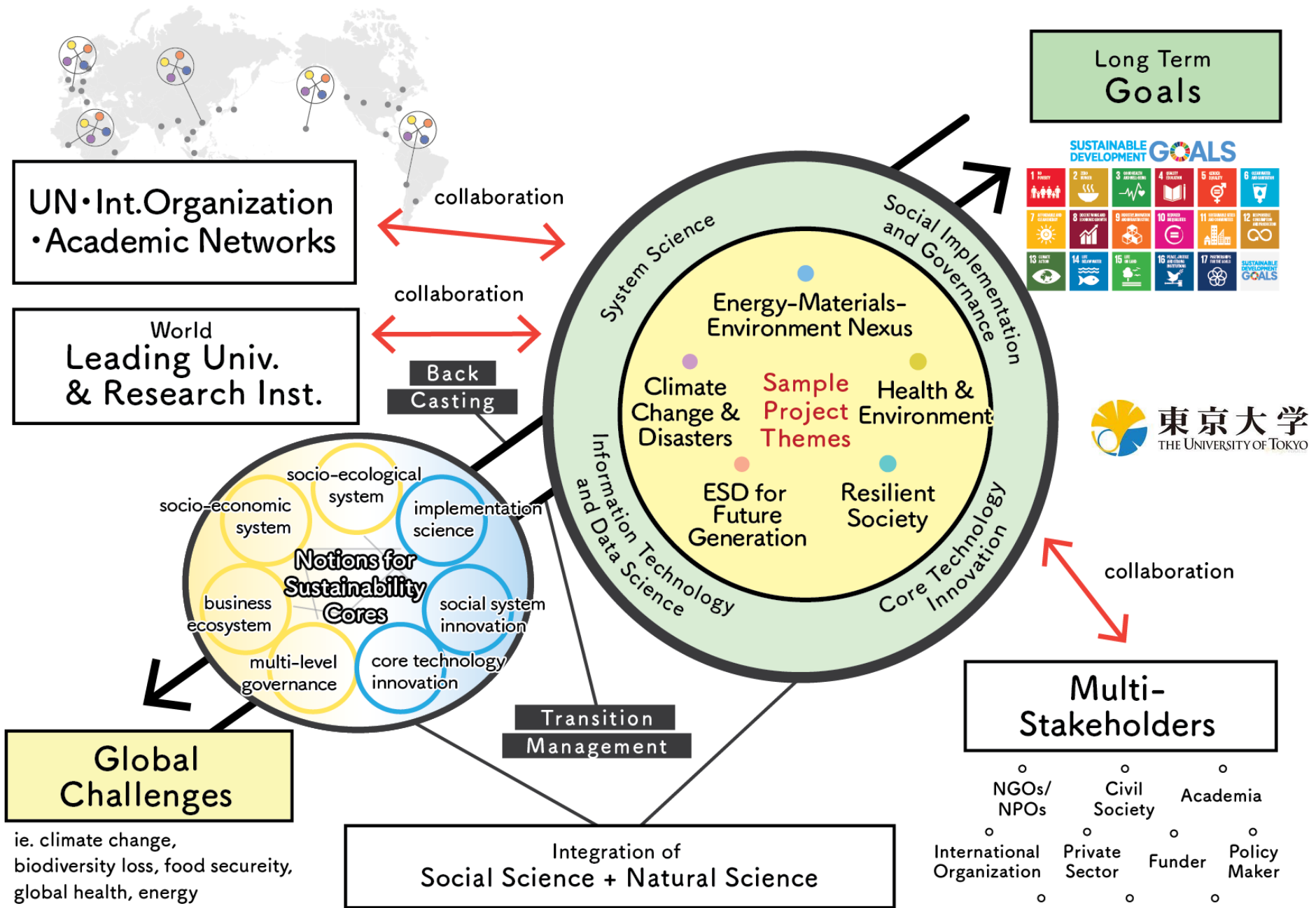


Anthropocene

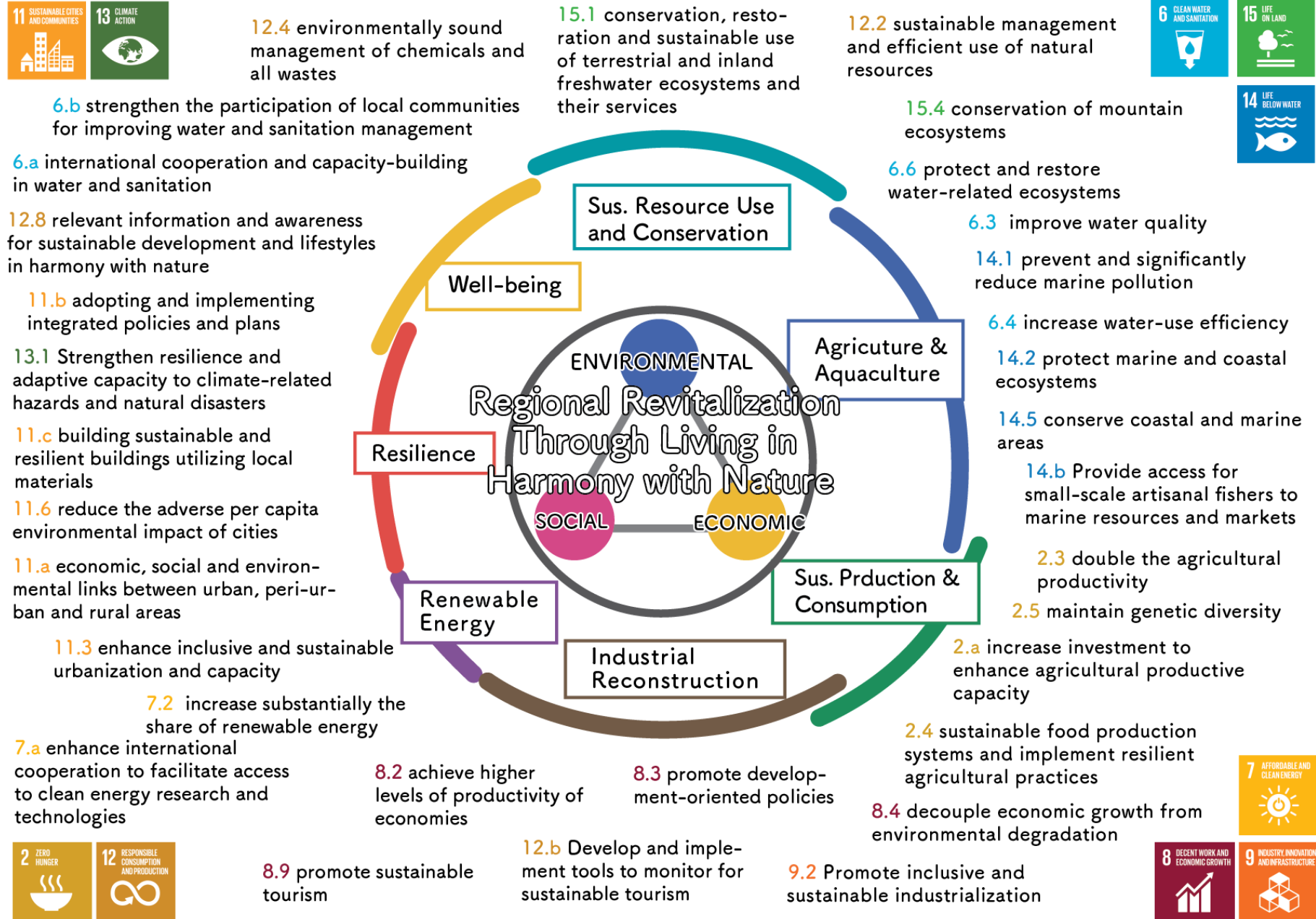
- Technology and social system developed by G7 countries may not be appropriate for any country at Anthropocene
- Need re-thinking and re-development



A Path Way for SDGs Implementation with

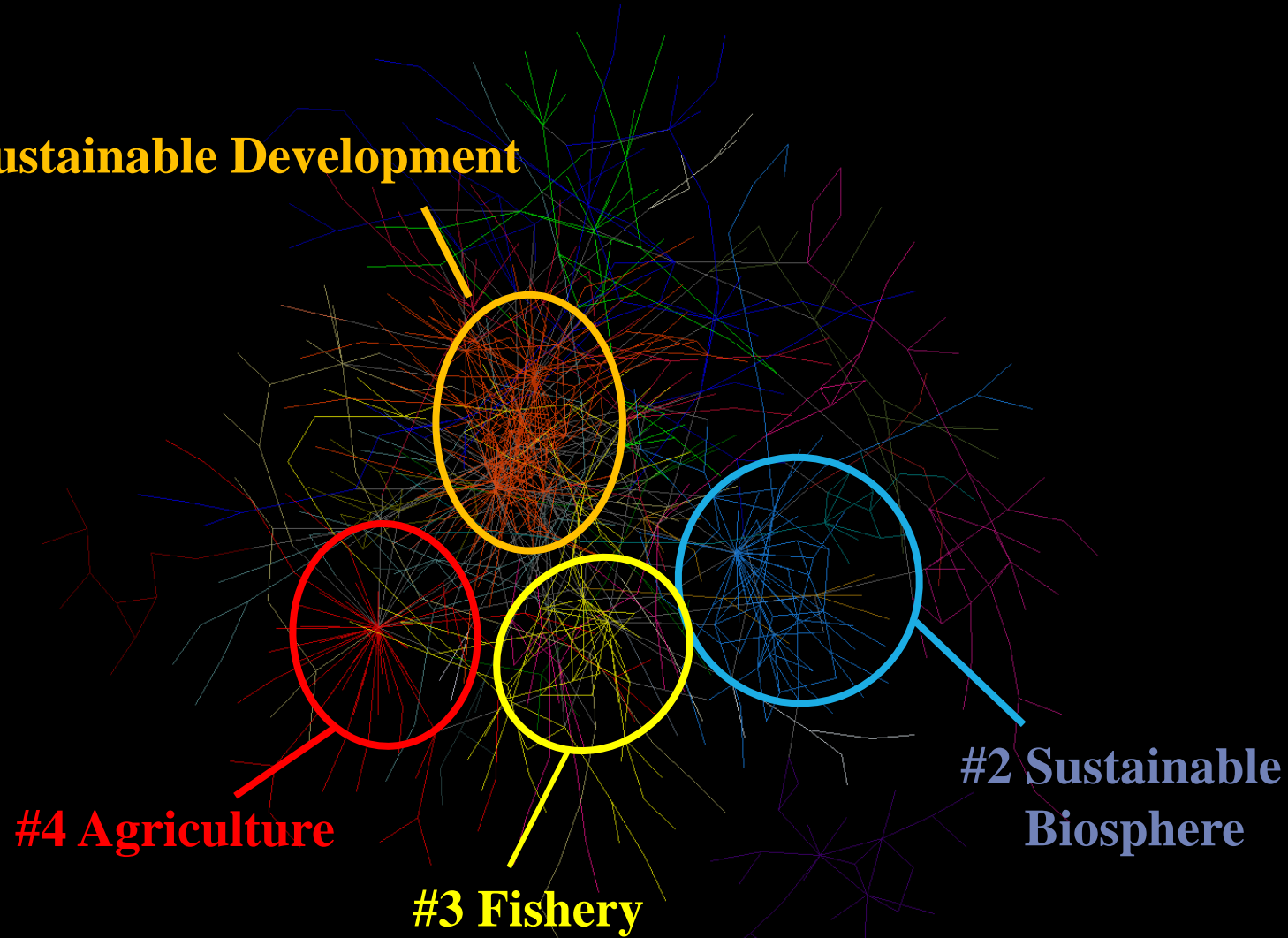


Regional Revitalization through Living in Harmony with Nature (SATOYAMA)



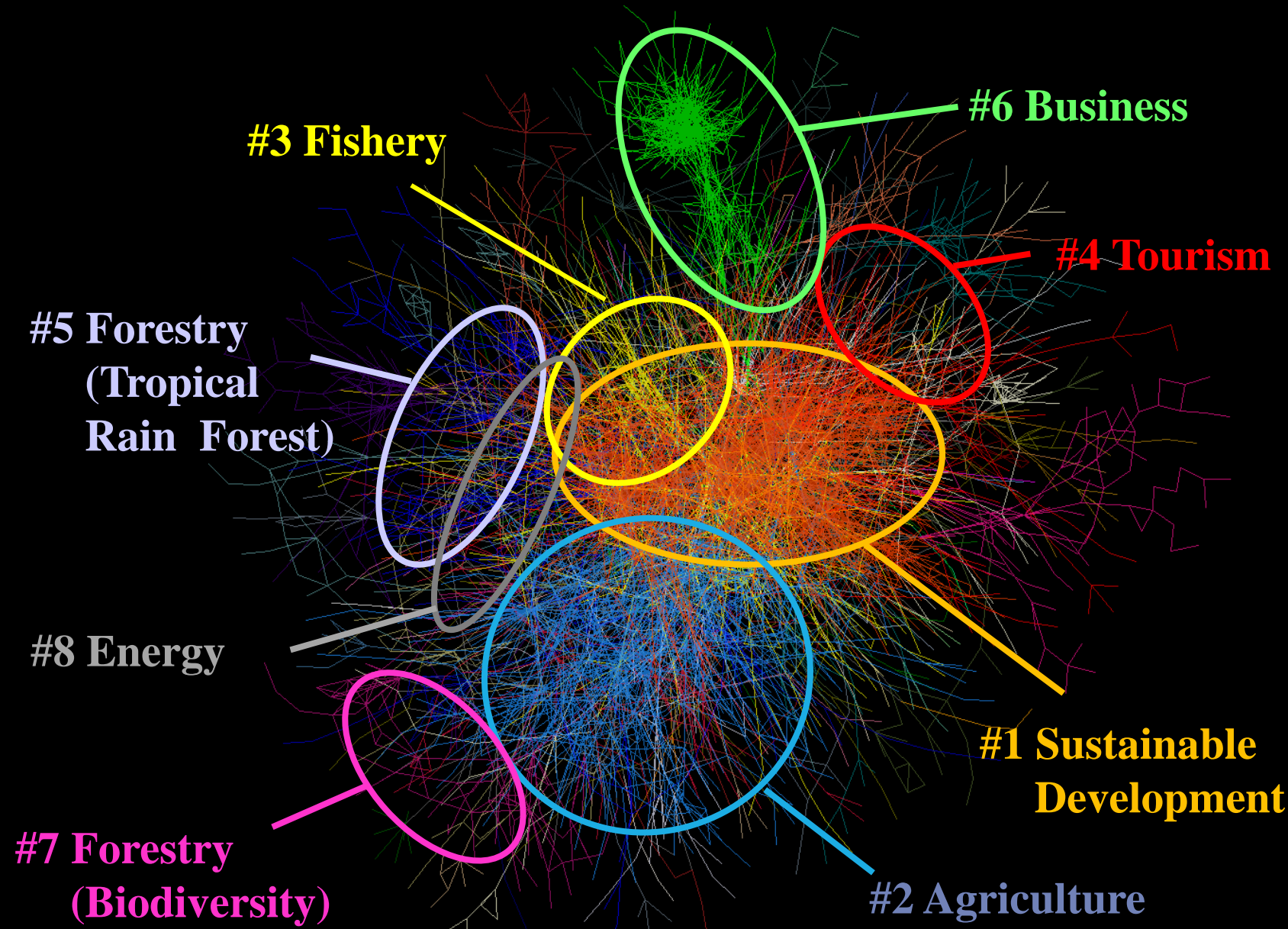
Academic Landscape of Sustainability Research 1995 (4,996 papers)

#1 Sustainable Development

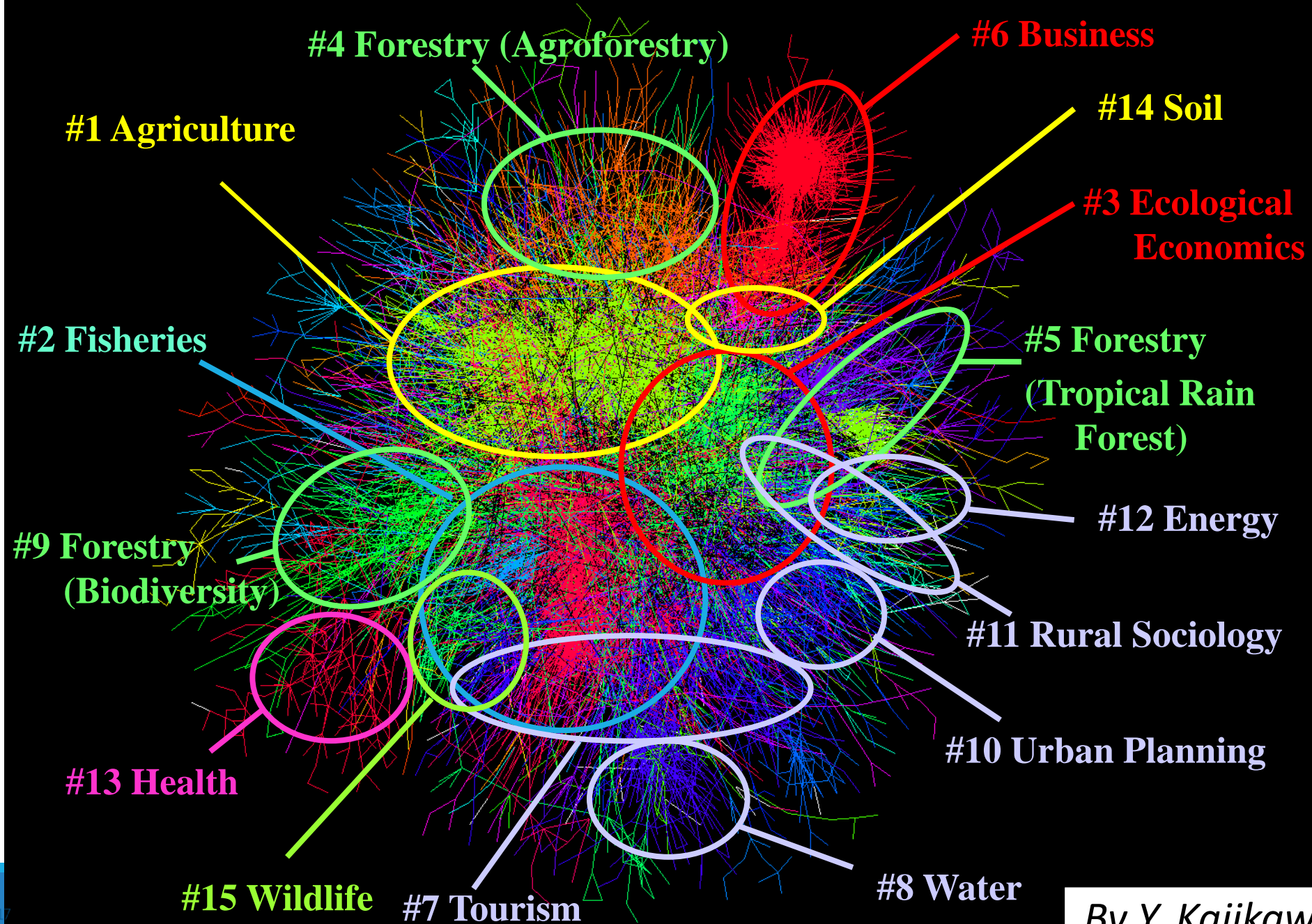


By Y. Kajikawa

Academic Landscape of Sustainability Research 2000 (14,118 papers)

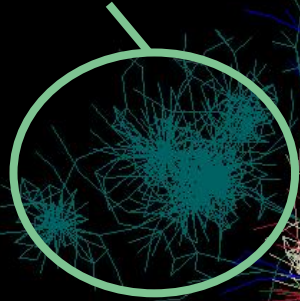


Academic Landscape of Sustainability Research 2007 (29,391 papers)

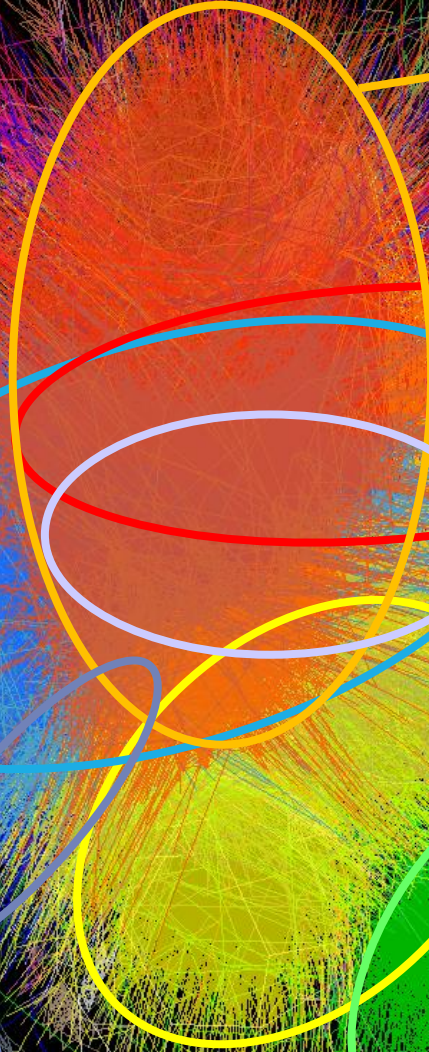


Academic Landscape of Sustainability Research 2013 (89,908 papers)

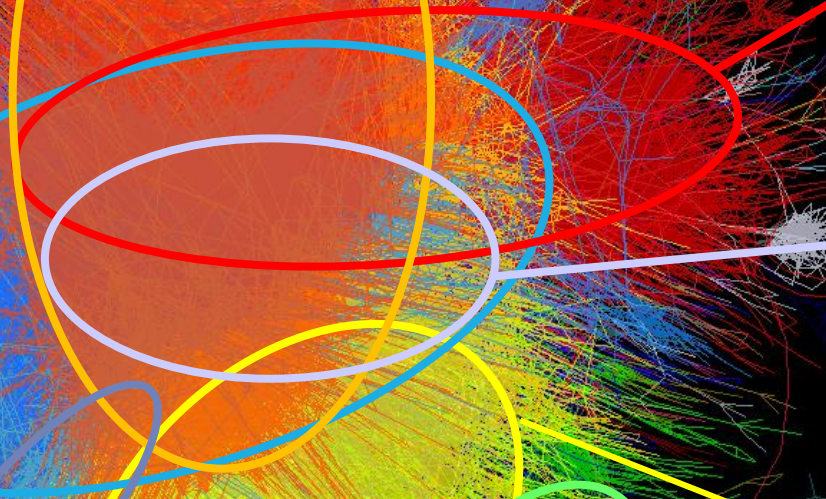
#14 Governmental Debt & Fiscal Policy



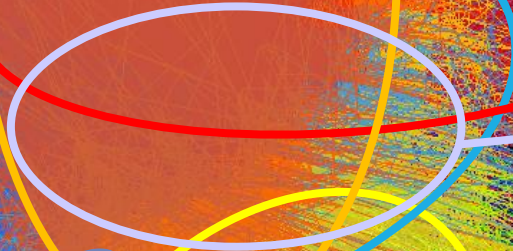
#1 Environmental Systems



#4 Energy Systems



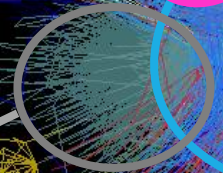
#5 Water Resources



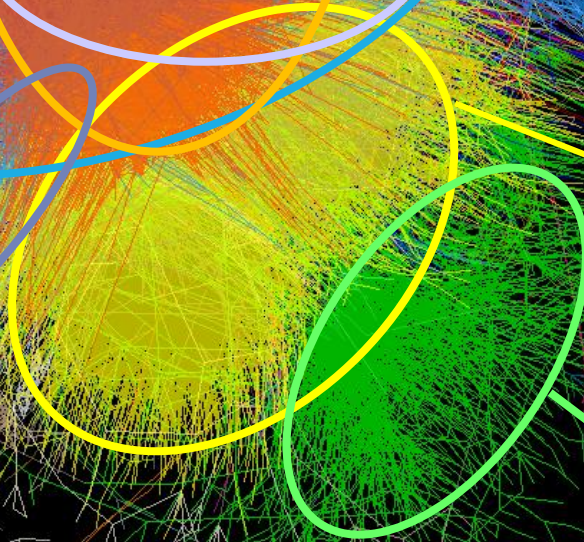
#7 Urban & Transport Systems



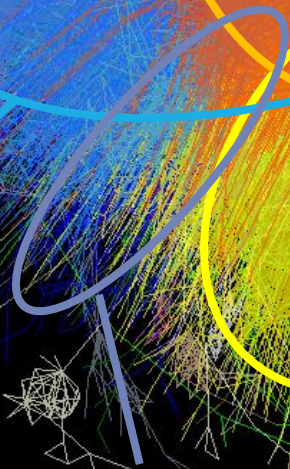
#8 Competitive Advantage of Firms



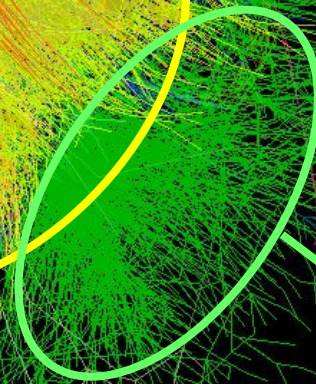
#3 Fishery & Forestry Systems



#2 Economy & Business Systems



#6 Health



#13 Education & Sustainable Human Development

Academic Landscape of Sustainability Research 2016

#1 Environmental Systems

107,277/158193 papers

Year_{ave} = 2010.5

#5 Health

#11 Governmental Debt & Fiscal Policy

#7 Urban & Transport Systems

#2 Economy & Business Systems

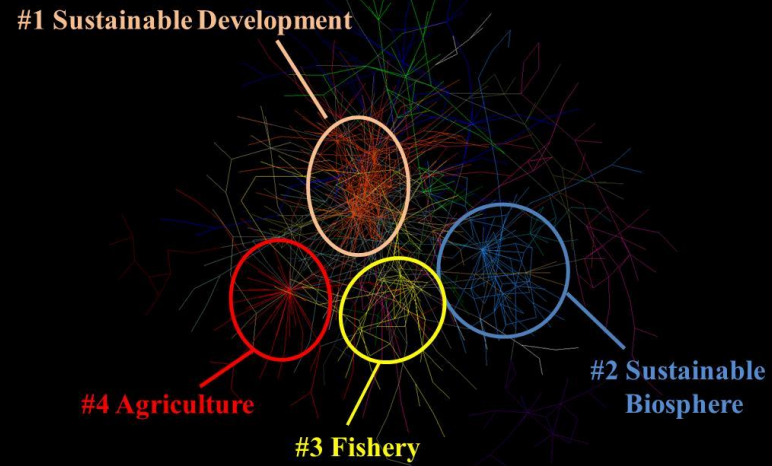
#4 Fishery & Forestry Systems

#6 Industry

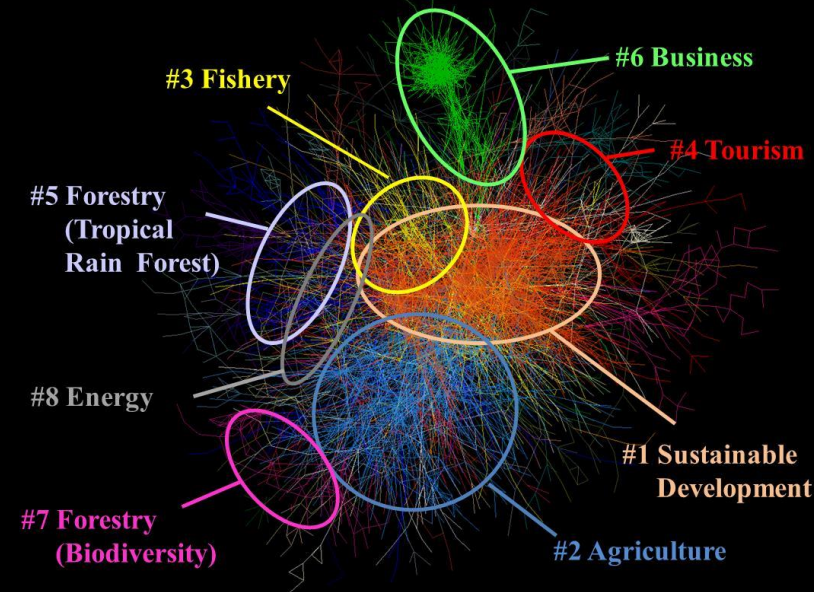
#3 Energy Systems

By Y. Kajikawa

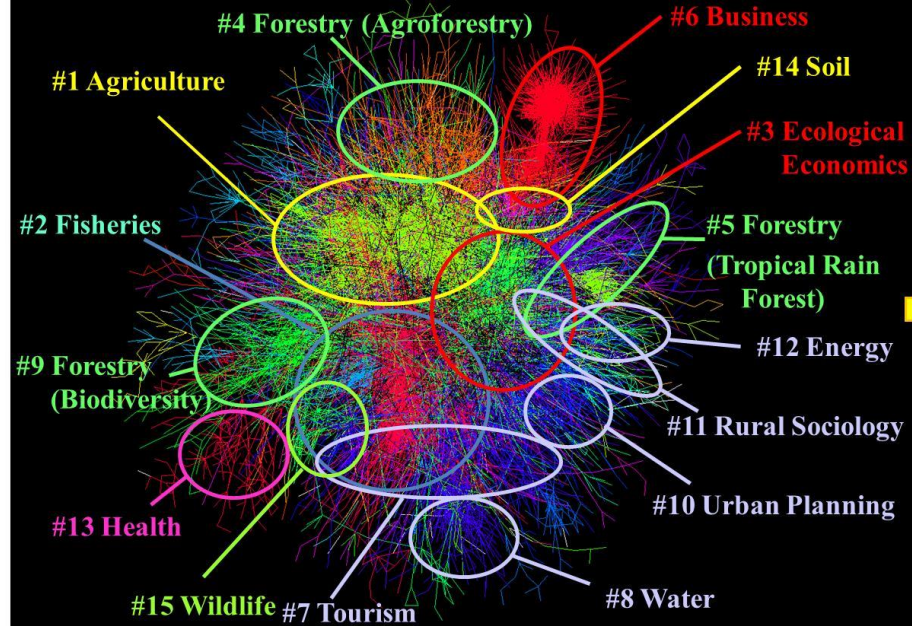
Academic Landscape of Sustainability Research 1995 (4,996 papers)



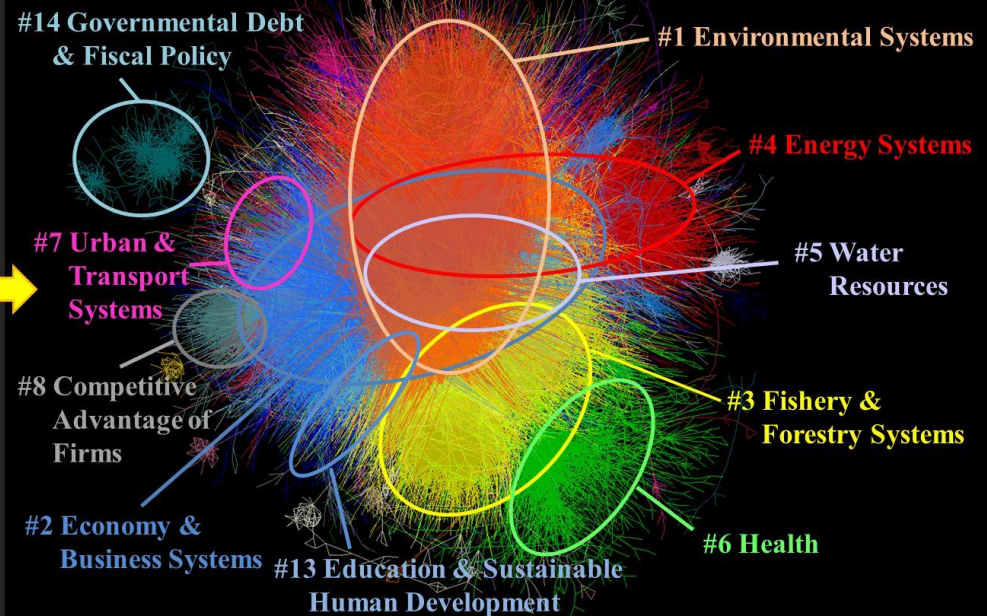
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Concluding remarks

Research for the promotion of SDGs

- Problems have to be structured for researchers
- Networking is necessary
- Co-design, co-development and co-delivery

Challenges

- Evaluation of students and faculty members
- Time requirement
- Difference in regional research and assistance
- Role of new and old disciplines