GEC-Japan

GEC-Japan is a <u>networking platform</u> initiated by the Research Institute for Humanity and Nature (RIHN) in order to facilitate and promote institutional and research collaboration among Japan representatives of the Global Environmental Change programs, IHDP, DIVERSITAS, IGBP and WCRP.

GEC-Japan will host

- •5th Belmont forum on Jan. 17-19 at RIHN
- Two sessions at Planet under pressures meeting including sustainability
- Home page, and others

GEC-Japan (RIHN)



> Japanese



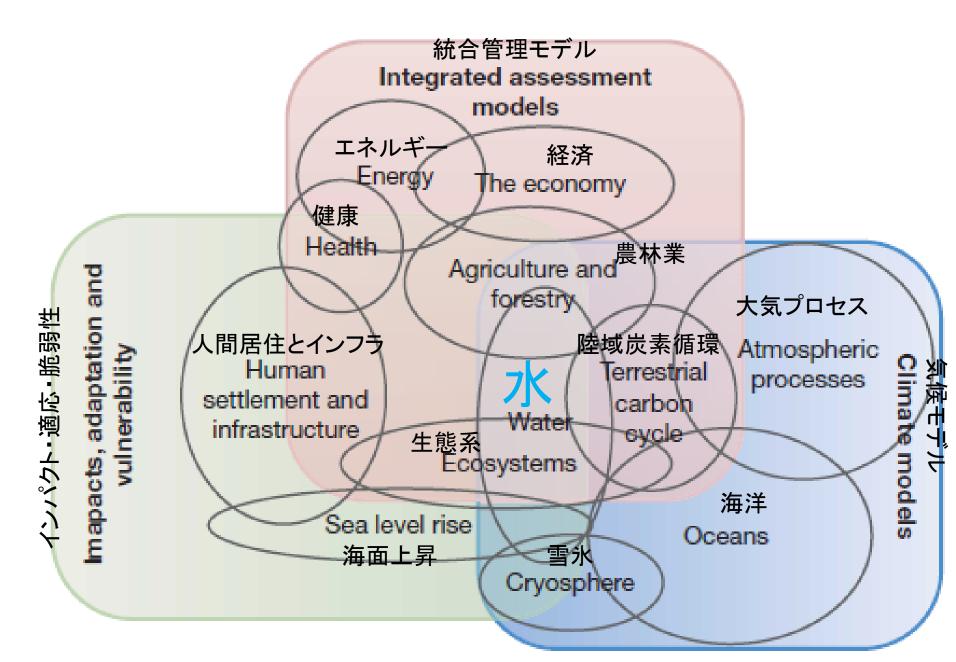
2.1 Water resources and management

Co-conveners:

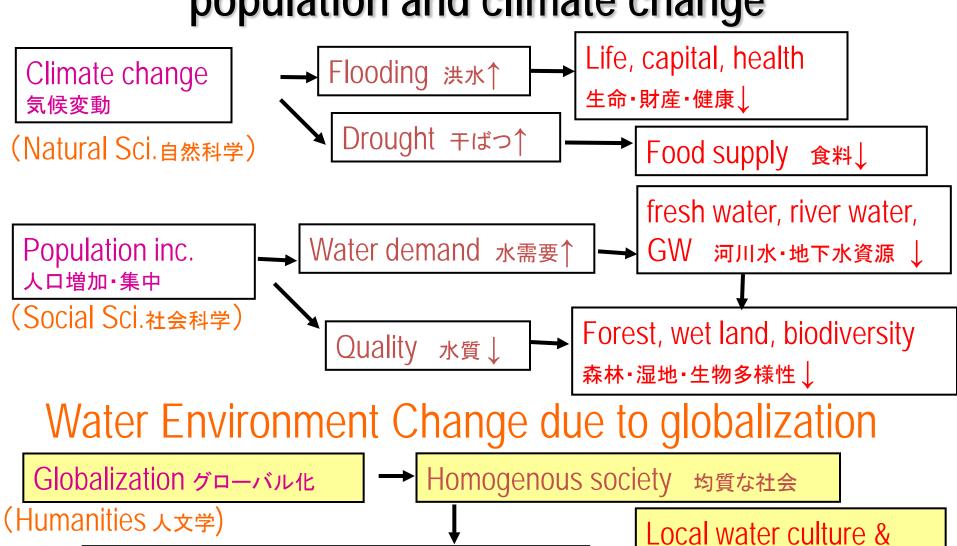
Taikan Oki (Tokyo University)

Makoto Taniguchi (Research Institute for Humanity and Nature)

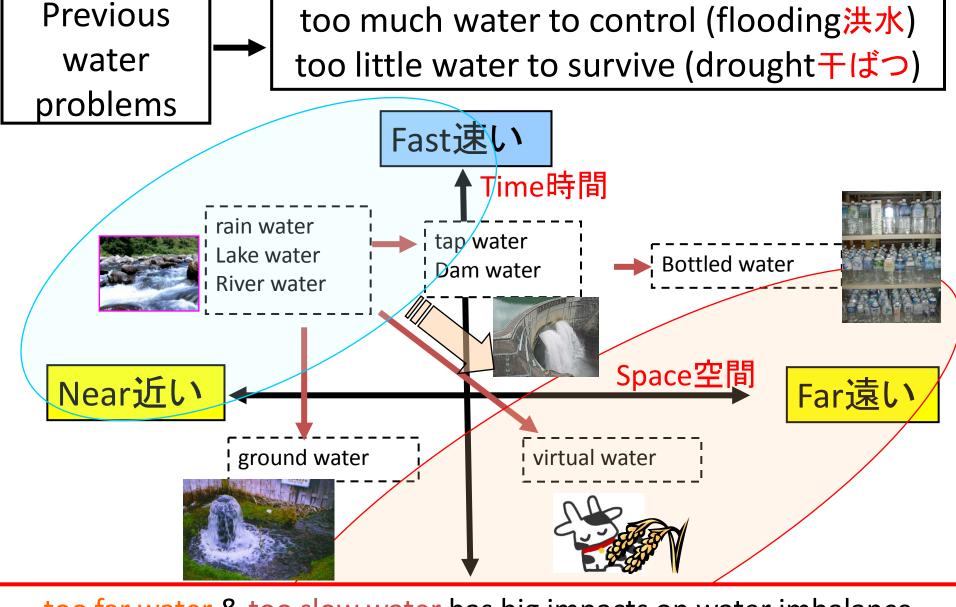
- (1) Water Footprinting for Sustainable Development and Wise Management of Global Water (Taikan Oki)
- (2) Water Resource Vulnerability & Adaptation Management to Changing Environment in North China (Xia Jun)
- (3) A global crisis and local realities Governing water in the 21st Century (Falk Schmidt)



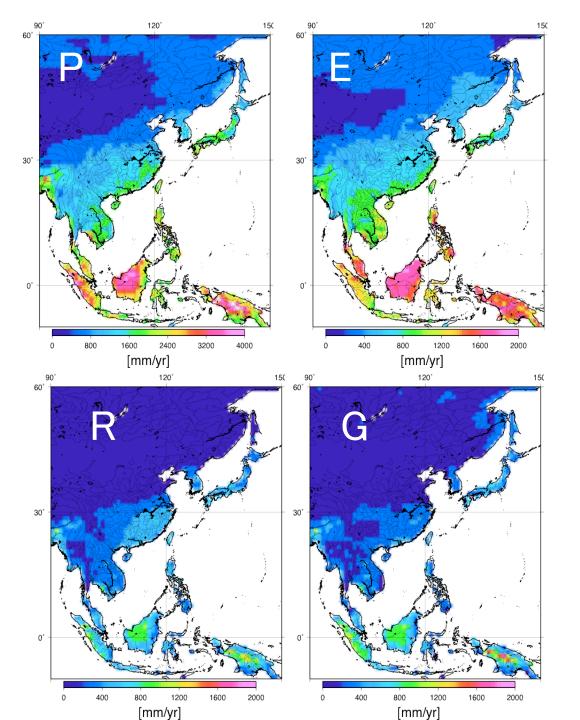
Change of water environment due to increase in population and climate change



inharmonious society with local nature 地域に自然に不調和な社会 culture diversity 地域の水文化・文化の多様性↓



too far water & too slow water has big impacts on water imbalance without knowing, therefore we should pay more attention to them for sustainable use.



Water Budget in Asia アジアの水収支 (GLDAS (CLM))

P:Precipitation (降水量)

E:Evapotranspiration(蒸発散量)

R:Surface Runoff(表面流出)

G:Potential Groundwater

Recharge[可能地下水涵養量)

GLDAS (CLM)