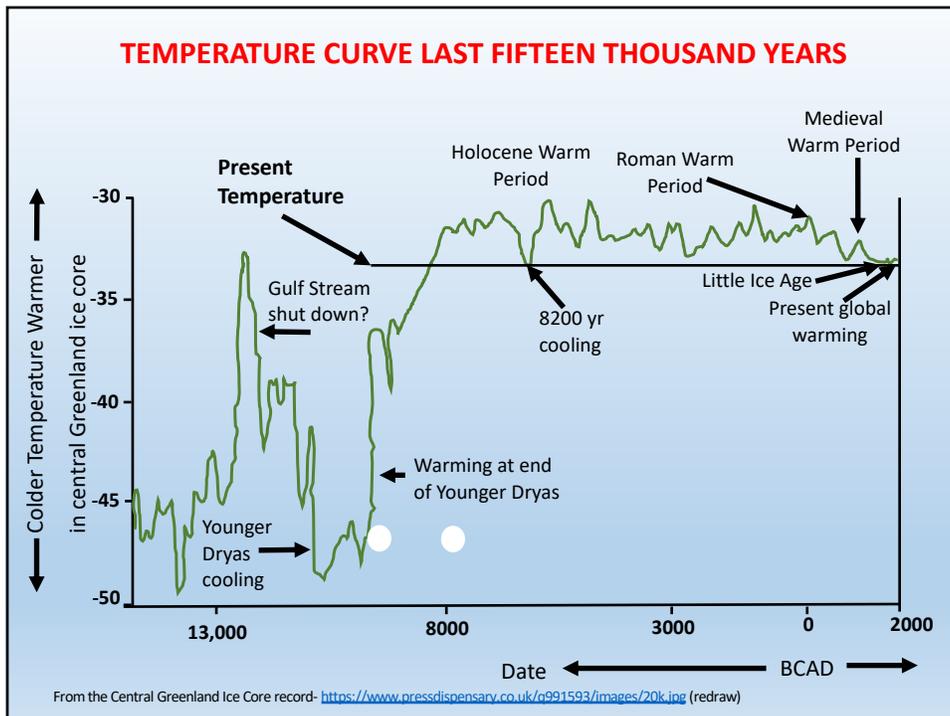


Sustainability of University Campus in Anthropocene

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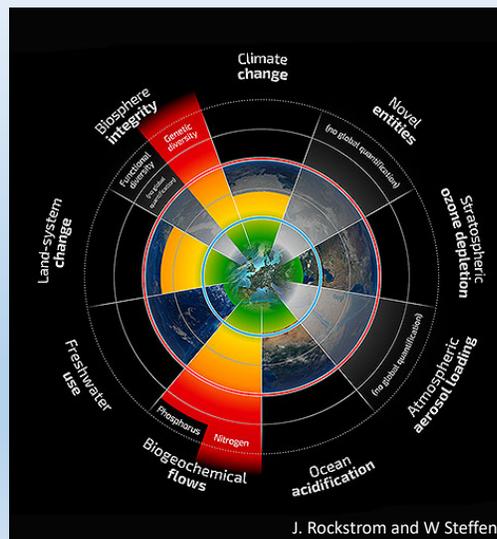


Anthropocene



Planetary boundary

- In Anthropocene, not only resource and financial limitation but also we have to consider planetary boundary for our economic activities
- Energy efficiency: Development is privilege, but high-efficiency is responsibility
- Opportunity (innovation) of (renewable) energy distribution



Raise of Sustainability Studies at the University of Tokyo

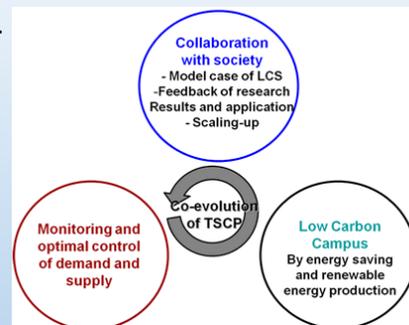


- Alliance for Global Sustainability (AGS, 1996-2017)
 - The Alliance for Global Sustainability (the AGS) is a unique **international partnership between four of the world's leading science and technology universities** – ETH Zurich, MIT, The University of Tokyo, Chalmers University of Technology – and their associated partners. Since its creation in 1997, the AGS has drawn on the strength of its partners to **develop capacity and new models for integrated research, education and outreach.**



TSCP, Todai (UTokyo) Sustainability Campus Project

- History (2008~)
 - Started as an Initiative of President H. Komiyama
 - GHG reduction is the prioritized issue (UTokyo is the largest enterprise in Tokyo)
- Action plan (2008) **ACHIEVED**
 - TSCP2012: Reduce GHG emission by 15% (with 2006)
 - (TSCP2017: Reduce GHG emission by 5% (with 2012))
 - TSCP2030: Reduce GHG emission by 50% (with 2006)
- Examples of projects
 - Change all fluorescent tubes to higher efficiency ones
 - Visualization of use of electric power
 - Credit generation from experimental forests



TSCP and IARU – Activities of Students

- TSCP Student Committee (UT Sustainability) activities
 - Exchange, join Eco-product exhibition, workshops
- Join IARU’s sustainable campus initiative (13 exchange students, 7 meetings related to sustainable campus)



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Sustainability in Anthropocene

- The Master said: “At fifteen my heart was set on learning; at thirty I stood firm; at forty I was unperturbed; at fifty I knew the mandate of heaven; at sixty my ear was obedient; at seventy I could follow my heart's desire without transgressing the norm.” (from the Analects of Confucius)



Thank you

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