

Announcement

💧 **Domestic meeting preparing for the Belmont forum/Grand Challenge WS on Water Security**

❄️ **with delegates from MEXT**

💧 **Date: Friday, October 21st, 2011**

❄️ **Time: 11:00-17:00**

💧 **Place: Institute of Industrial Science**

❄️ **Komaba II Research Campus, The U of Tokyo**

💧 **Contacts:**

❄️ **Taikan Oki (taikan@iis.u-tokyo.ac.jp)**

❄️ **Makoto Taniguchi (makoto@chikyu.ac.jp)**

Summary

💧 Taikan Oki

- ❄️ Social-ecological system modeling with interactions with human behavior: LULC

💧 Xia Jun

- ❄️ Climate change vs social change
- ❄️ Quality issues

💧 Falk Schmidt

- ❄️ Water governance with and without government: multiple levels and actors
- ❄️ Global support for local actions

What will be grand challenge?

💧 Sustainable water resources management

❄️ AND access for all (basic needs)

❄️ Grand Challenge context

➤ Observing: stock of GW, seasonal water balance

➤ Forecasting: Climate and social changes

➤ Confining: demand/quality management

➤ Responding: transboundary

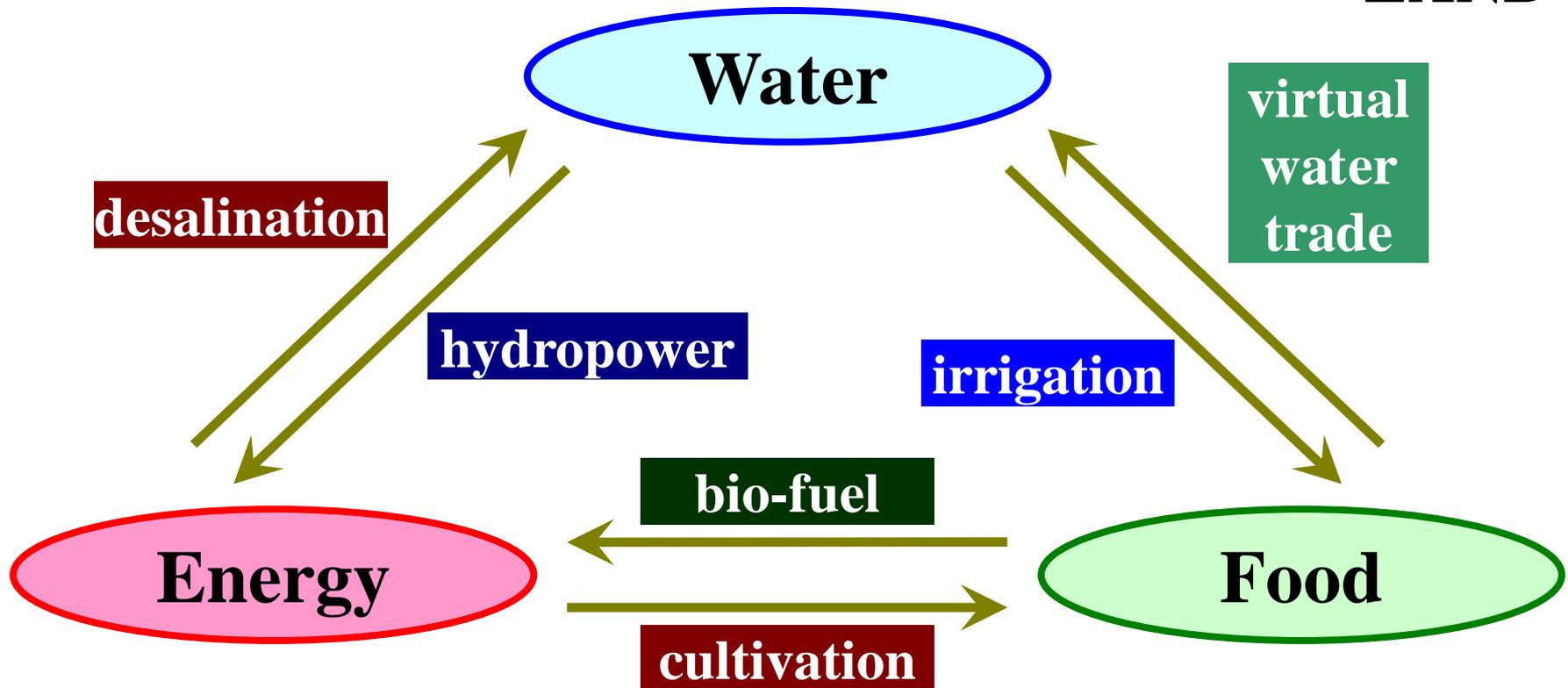
➤ Innovating: engineering, institutional, governance, policy,

❄️ energy-food-water nexus/security

❄️ Transdisciplinarity/hybrid

Support developing sustainability in a society

- Water should not be dealt alone separated from food and energy. ← Limited Resources = “LAND”





<http://hydro.iis.u-tokyo.ac.jp/>

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