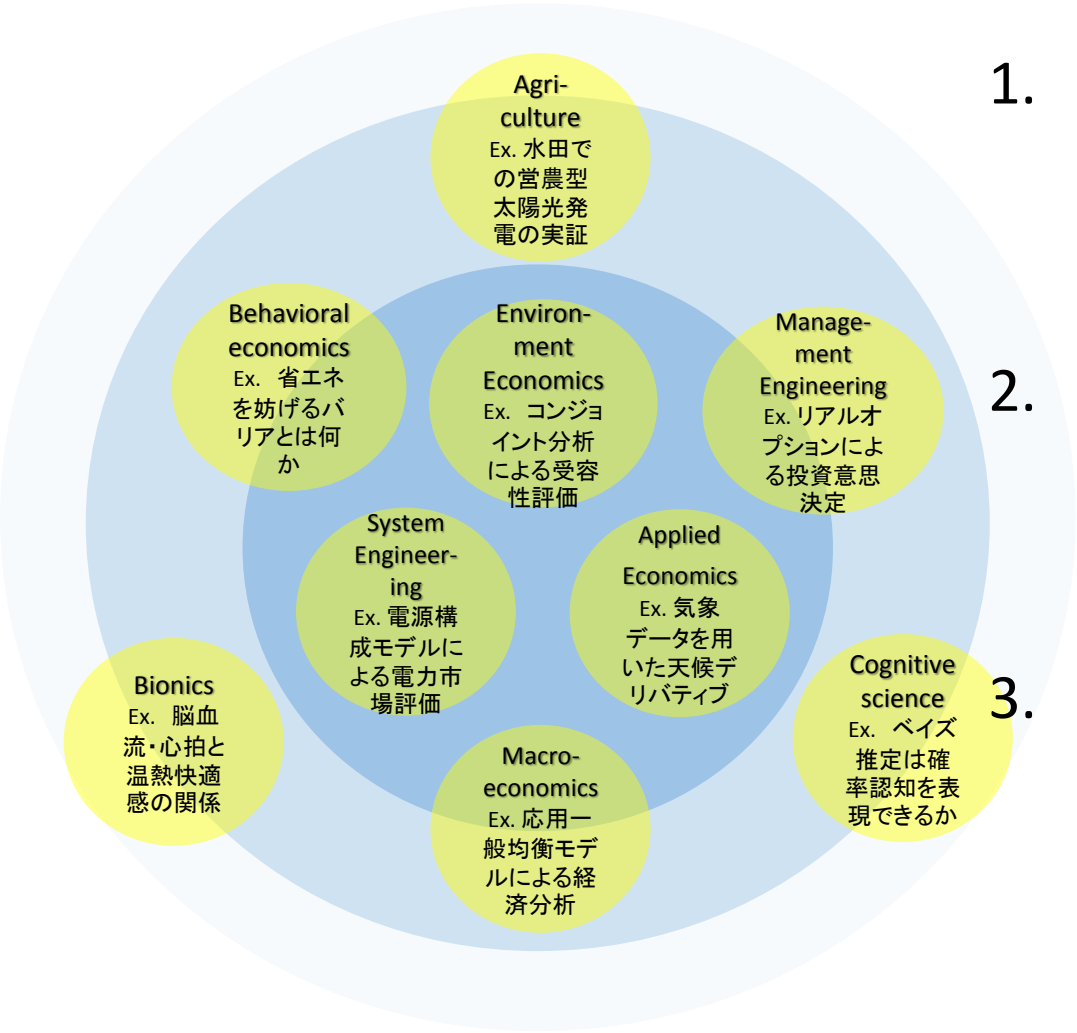
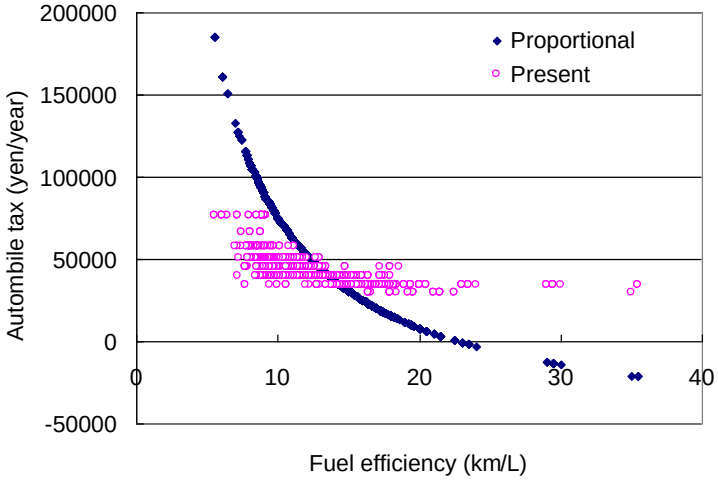
Yoshida Laboratory

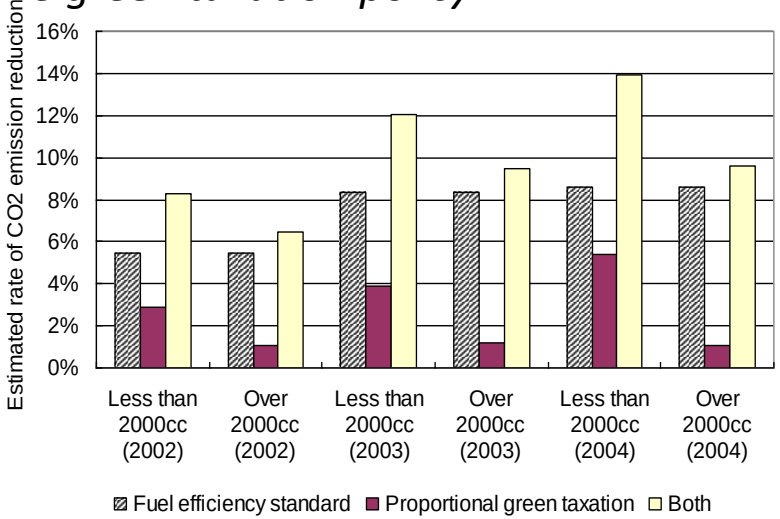
Research on Problem Solving in Energy and Environment



1. Modeling consumer preference or behaviors and evaluating social acceptance
2. Proposing the structure and solution of energy problems by modeling social systems
3. Contributing to achieving SDGs by strategically collaborating with researchers in different field

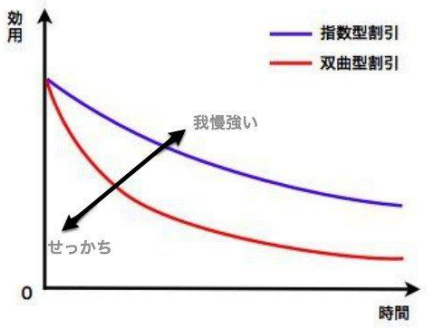
Energy saving from Automobile green taxation policy

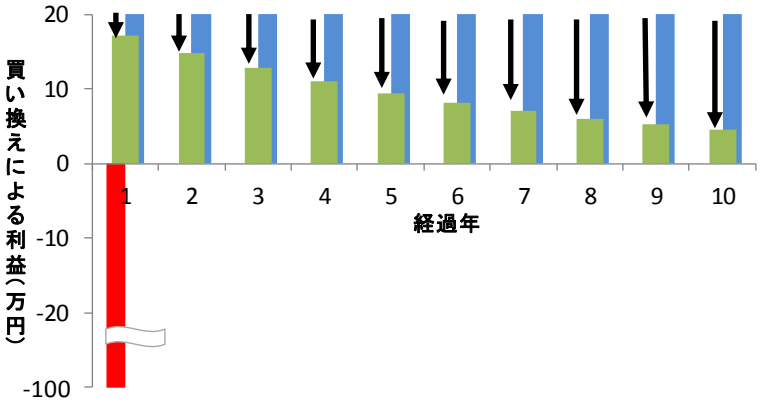


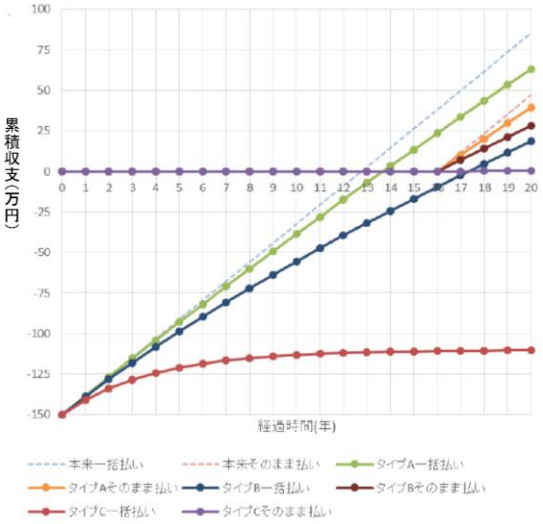


Evaluating social acceptance of technology

Modeling consumer preference or behaviors

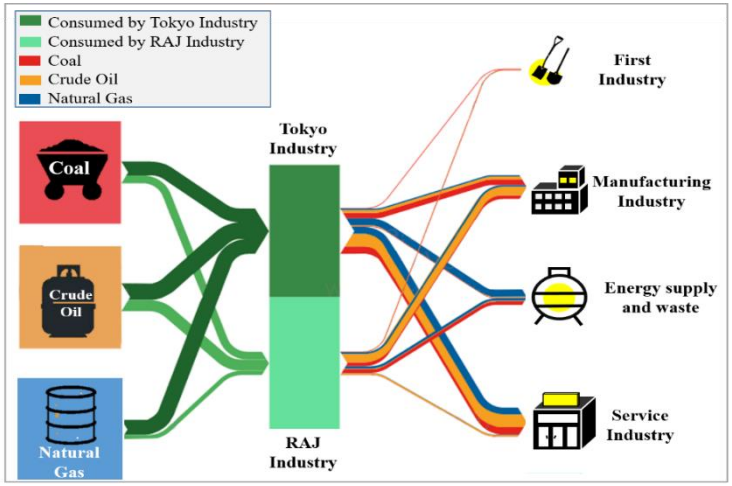




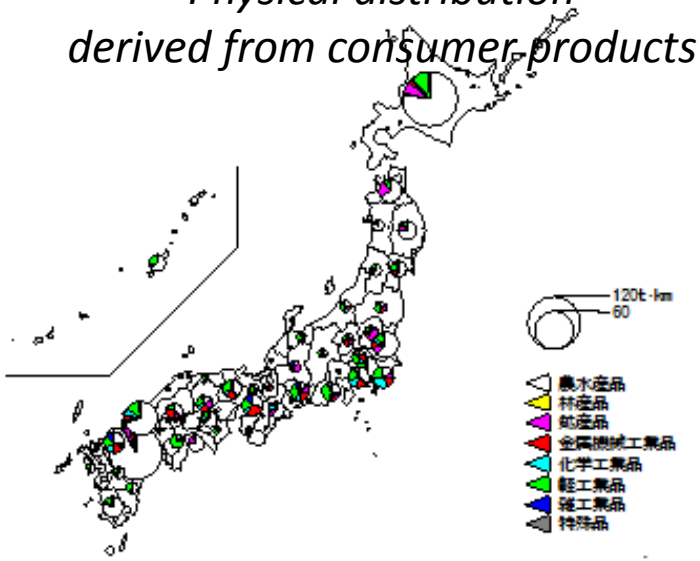


New payment method (Pay As You Save) based on Subjective discount rate

Carbon footprint of 191 commodities and services

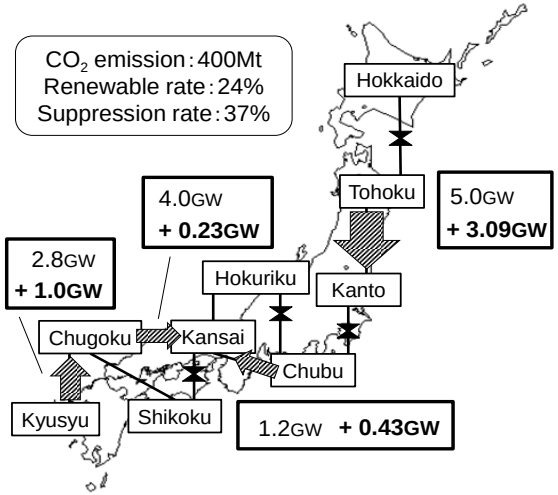


Physical distribution derived from consumer products

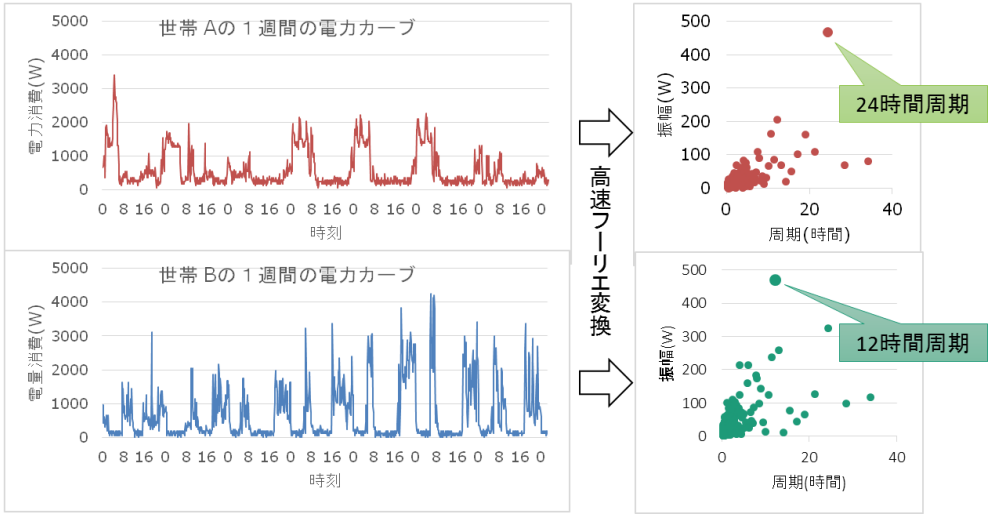


Modeling social systems

Input-output analysis, Energy system model



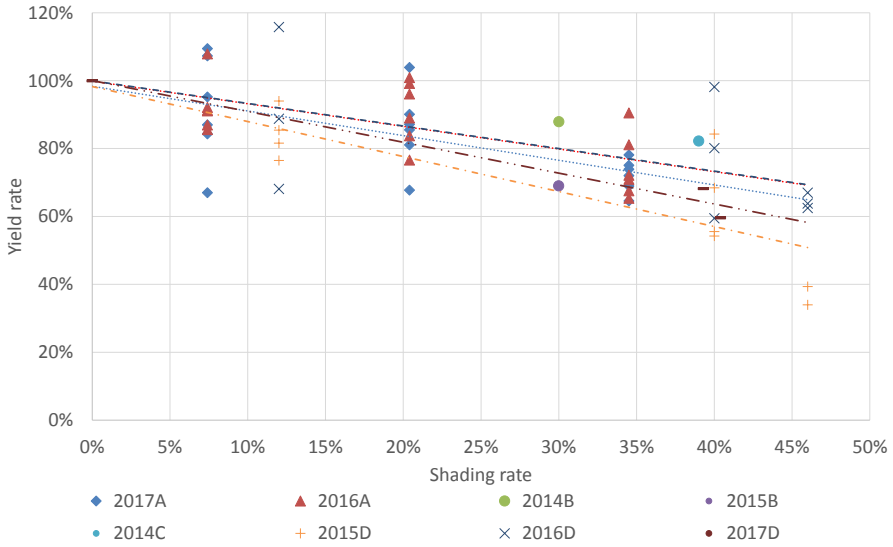
CO_2 emission reduction in electricity network



Energy saving advice based on demand curve analysis

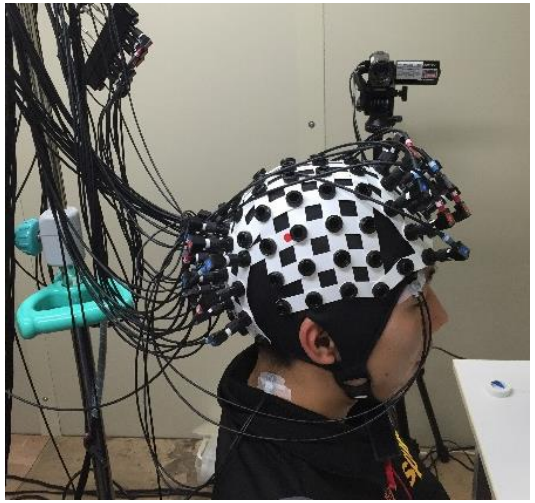
Experimental field of Agrivoltaic system

Shading rate and Yield

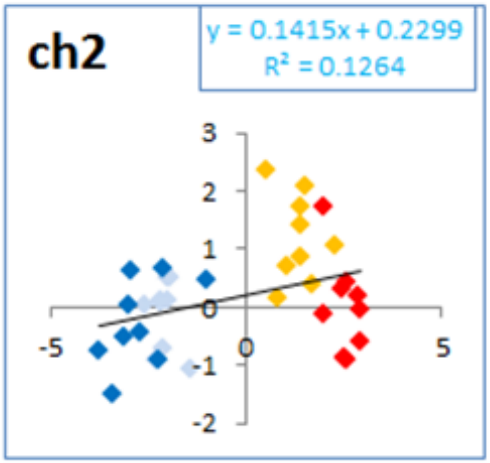


Achieving SDGs by collaborating with different field

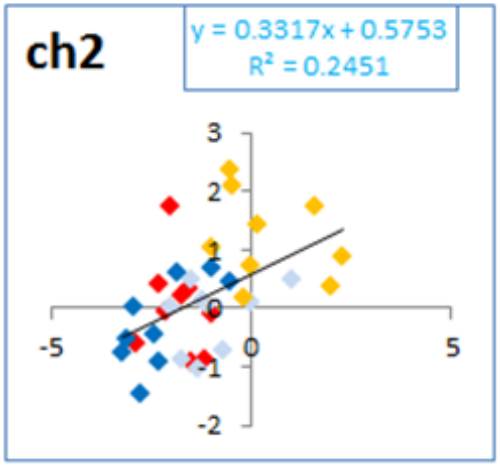
Agrivoltaic system, Objective measurement of thermal sense



温冷感



快適感



Measurement of thermal sense and comfort from oxyhemoglobin density in brain blood

Yoshida Lab

- Relatively new lab in TMI
  - ✓ Moved in April 2019 from Graduate School of Frontier Sciences (Kashiwa Campus).
- Activity
  - ✓ Weekly Lab seminar
    - ☐ 2 students talk about their researches at the seminar
  - ✓ Weekly one-to one meeting
    - ☐ Discuss with Prof. Yoshida in a personal meeting
  - ✓ All meetings are online at present.
- Research topic
  - ✓ Master's students usually decide their research theme at about 6 months after their enrollment.