

## Seminar Renewable Energy and Energy Efficient Building at the ICU

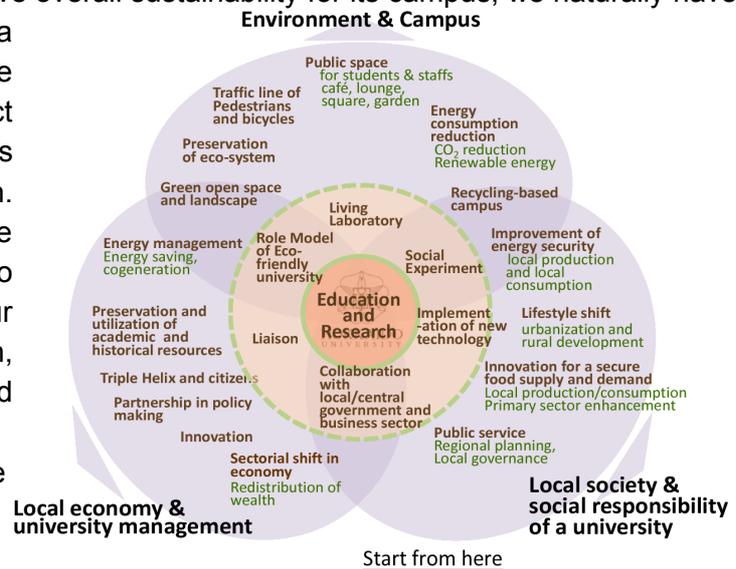
**Time:** January 28<sup>th</sup> 2015 (Wednesday) 12:50-13:50  
**Place:** Room H359 (ICU University Hall, 3<sup>rd</sup> Floor)  
**Title:** Assessment System for Creating a Sustainable Campus  
**Speaker:** Ass. Prof. Takao Ozasa, Laboratory of Urban Design, Hokkaido University, Director of Office for a Sustainable Campus

Hokkaido University is located near the center of Sapporo City. Its campus area is 178ha with 22,000 people (18,000 students and 4,000 staff). It is relatively big and also very close to the downtown of a big city. Thinking about campus sustainability, we have to create a strong relationship between campus and city.

Recently, almost all universities in Japan make and establish *campus master plans* (CMP). The role of a CMP is towards building the physical structure for a sustainable campus. But a tendency in CMPs is a lack of coordinating the main fields of a university, for example, education and research, planning and management, and the relation with the regional community.

If your universities wants to achieve overall sustainability for its campus, we naturally have to make an action plan for creating a sustainable campus. But at the same time we have to utilize the Plan/Do/Check/Act (PDCA) cycle for evaluating the progress of the implementation of the action plan. Because of that we created a sustainable campus assessment system for Hokkaido University. Our system is composed of four categories (Education and Research, Environment, Local Community, and Management).

Today I introduce this Sustainable Campus Assessment System and how to create a sustainable campus.



### Sustainable Campus Assessment System

This assessment system adopted inclusive points of view to define the concept of “sustainable campus”. The picture below is suggesting an example of its broad concept. Especially the two axes “Local society and social responsibility of a university” and “local economy and university management” encourage each university member to interact with local societies and people and contribute to establish a sustainable society. Other assessment systems like LEED Neighborhood Development (US) and CASBEE urban planning (Japan) also have similar criteria. However, this assessment system has been developed especially aimed at the evaluation of higher education institutions. The result of this assessment system will inform each institution of strengths and weaknesses in terms of sustainability. The relative comparison to other institutions will also be available. The development team of this assessment tool from Hokkaido University expects these findings would help each institution make a decision of their strategies for the sustainable future.

Anybody, especially students, are welcome. Please bring along your lunchbox.

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**Campus Map (Bldg. No. 1!):** <http://www.icu.ac.jp/about/campus/>

**To students:** All students are welcome to attend the seminar. But please note that different from the NS Forum or Funct. Science seminars, the seminar will not give you any ICU course credits.