TOHOKU INSTITUTE OF TECHNOLOGY

生活デザイン学科／Department of Design for Social System and Living Environment

教員紹介／Teaching Staff

職位／Title	氏名／Name	学位／Education	研究内容／Research
Professor	ONUMA Masahiro	Doctor of Engineering	My main theme is architectural design for “the worth of maturity” of life and work place with projects typified by preservation, utilization and renovation of regional cultural properties in Tohoku Region as a town architect professor. Recently, I'm trying to encourage unknown collaboration ateliers of arts and crafts or to support rehabilitation of disaster area, for example Rikuzen Area that is famous for natural slate roofed houses in vernacular landscapes.
Professor	OOBA Makoto	Doctor of Geo-environmental Science	The degradation of forest ecosystems, due to depopulation, aging, and depression of industry in rural area, has been discussed while increased demand of renewable energy for woody biomass can result in much attention for forestry and rural area. An overview of the regional circulation on a small woody biomass energy system are needed in the typical rural area, Japan. For the resolving the problem, two issues（energy and forest）in the study area were focused and discussed considering national-level background. I suggested two constraints（circulation radius and feasible size）and conducted four research activities（forest resource, production, energy infrastructure, and social system and scenarios）for the local revitalization. Finally, it can be stressed that the goal of our project is the same as the concept of SDGs and "regional circular and ecological spheres"（regional CESs）
Professor	KISHIMOTO Seiji	Master of Arts in Cultural Studies	Through many years of fieldwork in various parts of Japan, I have been conducting research on the history of the relationship between people and nature, and livelihood techniques. Now that the population is declining and globalization is progressing, we will explore new values and hints of connections necessary for the future society from the folk society.
Professor	HATAKEYAMA Yugo	Doctor of Engineering	My research explores mainly about the regional disaster prevention from the point of architectural planning and urban planning, which regards both macroscopic and microscopic perspective as important about evacuation planning, regional disaster prevention and landscape evaluation.
Associate Professor	ITO Miyuki	Master of Science in Nursing	The research is recognition and self decision of the person with physical imperfections and the disease. The research is healthy maintenance of the mind and body of the people and the improvement of QOL.
Associate Professor	KATSU Kuniyoshi	Advanced Master of Architecture	Our research and practice focus on addressing challenges in local communities through architectural design, urban development, public space, and environmental design. Our work is structured around three main pillars: spatial design based on the analysis of local resource networks; participatory, emergent workshop design through renovation and social experiments; and the planning, design, and management of public spaces. Through these approaches, we engage in the creation and activation of public spaces in collaboration with both public and private sectors.
Associate Professor	TAKAKI Rie	Doctor of Engineering	I have studied methods to create energy-efficient and comfortable indoor environments. I have carried out field surveys and experiments concerning both the exterior and the interior construction of buildings, including functions for environmental control provided in the building, and investigations into both the performance and the method of the operation of equipment used for this purpose. Through my research, I consider ways of reconciling both indoor environmental comfort and energy saving.
Associate Professor	TANIMOTO Yukako	Doctor of Human science	Japan is now a super-aged society, so creating an environment for elderly people to live a healthy and productive life is necessary. My studies show the condition for the architectural planning on the housing designs by analyzing the movement of elderly people and staffs in both nursing and group homes. These studies mainly refer to Architectural designs. In addition, they also include Nursing care public welfare services, Nursing, and Sociology.
Lecturer	TANAKA Nozomi	Doctor of Art and Engineering	In collaboration with diverse local entities, the Center engages in collaborative creative activities and practical research and education that are rooted in the Tohoku region's climate.
Lecturer	NAKAI Shusaku	Master of Engineering	My major is the travel behavior analysis in the civil engineering planning. My studies focused on the mode choice in the earthquake disaster, and how to use the discrete choice models. Practical themes are the development of the campaign tool for the road safety by using the knowledge of the social psychology, and the development of the education program and material for the mode choice in the earthquake disaster by using the metacognitive strategies.