

## List of Dissertation Abstract (Innovation Management and Environmental Sciences)

Name	Supervisor	Title	Abstract
Bairo.En	Akira.Endo	Study on the diversity of corporate strategy in the restructuring stage of industrial clusters - as a case study of shoemaking industry in Zhejiang Province, Wenzhou City, China	In the restructuring phase of the present study is industrial agglomeration areas , while small and medium-sized enterprises in Wenzhou of shoemaking industry integration has adopted a corporate strategy of in-house production , the case that was succeeded by adopting a joint growth strategy for cooperation with related companies It is intended to clarify
Xin CHEN	Yoshikazu SHUSA	A Study of Networking Strategy applied in Growth Strategy of Chinese SMEs	In China, most of the SMEs are small enterprises and micro enterprises, and most of them belong to low-tech industries. Although they are making great contribution to the development of China's economy, however, there is also the problem that the rate of failure for SMEs is still quite high in China. To survive nowadays, the entrepreneur of a SME matters a lot. For a SME, how much resource the entrepreneur could mobilize from his(her) social network has been considered as the key to the SME's success. In this paper, by using the theory of case-study, I analyzed the features of China's SMEs' networking strategy as the conclusion.
Ryota ITOH	Hiroki HONDO	Environmental and social introduction effects of woody biomass energy utilization system	The purpose of this study is to reveal the environmental and socio-economic effects of wood biomass heating systems from the life cycle perspective. This study focuses on absorption water heater-chiller systems for heating and cooling in a business building, using wood biomass pellet derived from unutilized wood. The environmental and socio-economic effects are compared between the biomss heating system and a conventional LPG heating system. Although CO2 emissions associated with producing wood pellets increase, total CO2 emissions in all life cycle stages decrease. Regarding the creation of employment opportunities, while LPG-related overseas employment decrease, domestic employment related to wood biomass pellet increase.
Hinako NAKAGAWA	Daisuke Narumi	The role of public transportation system in Mountainous Areas	In this research, we investigated traffic and life problems and actual movement situation in the mountain area, quantified the weak traffic villagers, and grasp the needs. As a result, the problems of living and transportation in mountainous areas and the actual movement situation were clarified. We asked residents to grasp the above results and conducted a questionnaire survey to clarify the number of vulnerable people and the needs of public transport of vulnerable people. The future research theme is to consider introducing new technologies such as ridesharing, automatic driving, and to appraise the public transport after improving of bus.

Yusuke HIRONAKA	Hiroki HONDO	Promoting Pro-Environmental Behavior by A Natural Approach in Daily Life: Intervention Studies to Increase Psychological Proximity	<p>The purpose of this study is to propose a measure of promoting pro-environmental behavior triggered by the presence of PV systems. The results of the covariance structure analysis indicate that the psychological model that added the psychological proximity to the VBN (Value-Belief-Norm) model has a certain statistical validity.</p> <p>The results of two intervention studies using book-jackets printed with the PV systems' photos or using video contents to make people focus on the PV systems suggest that the improvement of the psychological proximity may facilitate pro-environmental behavior.</p>
Yuki HORI	Daisuke NARUMI	Consideration about decipherment of an area context and the future's scenario by which the continuation is possible in a medium mountain area	<p>In this research, we analyzed the living environments by interpreting the regional context and questionnaire on the residents in a medium mountain area, and created a CO2 evaluation model. In addition to preparing multiple future scenarios for the region, we examined the way of sustainable future scenario by quantitatively evaluating the impact on low carbonization.</p>
Kentaro MORI	Hiroki HONDO	<p>Exploring the relationship of the life cycle thinking and pro-environmental behavior</p> <p>-Development of the "Sense of Link" Scale-</p>	<p>The objective of this study is to reveal the effects of life cycle thinking on pro-environmental behavior by developing the scale of "sense of link" that is a key concept of life cycle thinking. The "sense of link" scale with good reliability and validity is developed based on questionnaire surveys conducted with high school students and item analysis of the collected survey data. The covariance structure analysis results suggest a psychological mechanism from "sense of link" to "pro-environmental behavior intention", which indicates that life cycle thinking might be effective to promote pro-environmental behavior.</p>
Genta YUSUNOKI	Takashi MIYAZAKI	Development of Freedom in Bergson: The Problems of Dualism and Freedom	<p>This paper proposes a new view of the free action in the philosophy of Bergson. From the dualism of pure memory and pure perception which is described in his second major work <i>Matter and Memory</i>, we draw an answer to two problems which come from the dualism of pure duration and pure space, and which relate to the union of soul and body and to the free action. It is the framework of two principles mixture and of degree of tension and relaxation that makes possible the union of soul and body and the variation of the intension of free action.</p>