

Summary

● Opening Article

Transition of Urban Crisis Management and its Consideration

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Recently, the crisis management system of Japan was transformed from response to natural disasters and accidents toward response to all hazards including civil protection, although such shift is not well understood by people. With regard to urban crisis management, priority is given to researches on natural disasters and accidents while there are few studies on civil protection from armed assaults and other conflicts. In the meantime, it is hard for city governments to simultaneously deal with the Disaster Countermeasures Basic Law (decentralized) and the Civil Protection Law (Centralized), which have different policies. More decentralized crisis management system should be profoundly considered in the future.

Keywords: Disaster prevention and crisis management system, Civil defense, All hazards, Disaster Countermeasures Basic Law, Civil protection Law, Standardization of crisis management system (ICS)

● Research Paper with Referee Reading

The Spatial Structure of Fukuoka Metropolitan Area and its Transformation -Based on Cluster Analysis Using Municipality and Subregion Data-

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In this study, in order to clarify the spatial structure of the Fukuoka metropolitan area centered on Fukuoka City, I performed cluster analysis using municipality and subregion data. As a result, a spatial structure consisting of a “central part” as the center of business and an “outer part” characterized by a large number of young people was shown. It was also shown that the areas where the tertiary industry is concentrated are located in the central part and in the radial part along the transportation network. Based on the results of my analysis, I proposed policies in accordance with the socio-economic characteristics of each region type.

Keywords: Urban Model, Spatial Structure, Cluster Analysis

● Research Report

Learning for Innovation - Insights from ICT Education, STEAM Education and Design Education -

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Since the government announced the school closures due to COVID-19 on February 27, 2020, various measures have been taken at schools nationwide to prevent children from stopping their learning and feeling alienated due to lack of communication. Instead of merely returning to the normal life, it calls for building a better society with a slogan such as “Build back better” from this pandemic. Similarly, diverse learning measures can not only solve the current problems but also drive value creation. This paper reviewed ICT education, STEAM education, and design thinking education, organizing the abilities and competence obtained through such learnings. It finally examines the impacts on social innovation. The result demonstrates that although all the learnings have a high affinity for innovation creation, it is necessary to nurture the "interests to" issues in order to study responsibly and independently.

Keywords: Innovation, ICT use in education, STEAM education, Design thinking in education

A Study on the Re-learning Opportunities for Working Adults through a Work Style Shift

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In the 100-year life, the importance of re-learning of working people is recognized. However, re-learning of working has not progressing due to restrictions such as time and place. In this report, I summarized the changes in people's working styles and how they use time seen in the coronavirus based on various surveys. And I showed that the changes in the concept of time and place may be a new turning point for working people to relearn. Moreover, I also reported that the increase in webinar recently has contributed to the provision of educational opportunities.

Keywords: Re-learning of working people, Obstacles for re-learning, Flexible working, Webinar

A Study on citizen-driven co-creation "Living Lab" for sustainable community development:
-The case study by Fukuoka Directive Council-

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This paper will organize the process from the living lab's formation to the self-propelled project and consider the issues and solutions for introducing the living lab from the findings obtained from the Fukuoka Directive Council's case studies. Now the method of Living Lab is expected to become more common because communities are divided. Whereas there are still a few empirical studies on this field in Japan. Therefore, it is essential to systematize more cases and identify problems and success factors. In this paper's case, new services are created by examining and verifying ideas based on awareness of citizens' real life in Living Lab. This process is expected to foster civic pride and citizen's community involvement and enhance business and regional sustainability.

Keywords: Living Lab, Regional revitalization, Open Innovation, Industry-Academia-Government-Citizens Collaboration, community development

Future Aspects of the Disaster Prevention for Foreigners
-Sharing the findings from the URC Urban Seminar-

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The Fukuoka Asian Urban Research Center (URC) held a seminar in September 2020, on the theme of "Foreigners and Disaster Prevention" featured in the 2019 URC Comprehensive Research Report. The seminar consisted of three sessions; findings sharing of the URC report, a special talk by Mr. Taro Tamura of the Diversity Research Institute, and a dialogue session with Mr. Tamura to deepen discussions on new findings in regard with COVID-19 and ever increasing issues on disaster prevention for foreigners. In this paper, discussions comprise four factors: (1) grasping local conditions / risks, (2) organizing disaster information and disaster prevention information, (3) multilingualization, and (4) reconsideration of the positions of foreigners. By consolidating the arguments and adding new perspectives, this paper concludes with the insights for disaster prevention for foreigners in the future.

Keywords: Disaster prevention, Foreigners, Multicultural society, Multilingualization