Department of Design	Key words	Architectural design, architecture and area renovation, public architecture and regional design, community development, renovation of old private houses, heritage management, wood utilization

Master of Engineering /
Associate Professor
Haruyuki Maruyama

Education

Fukui University, Faculty of Engineering, Department of Environmental Design Engineering
Fukui University, Graduate School of Engineering, Pre-Doctoral Program in Construction Engineering

Professional Background

Part-time lecturer at Jinai W's College, Fukui University of Technology, University of Fukui, Kanazawa Institute of Technology, COO of Architectural Design Office, Chubu Architectural Award (2013, 2017), Nichijiren Architectural Award (2018), Japan Federation of Architects Award (2019), Good Design Award (2018, 2021, 2023), Excellent Prize of Competition for Superior Facilities for Wood Utilization (2021), Hokuriku Architectural Culture Award(2022)

Consultations, Lectures, and Collaborative Research Themes

Design of places for people and companies' activities, Relationship between industry and space, The way of social development using space as a resource design using wood, etc.

e-mail address

maruyama@fukui-ut.ac.jp

Main research themes and their characteristics

「Design of places for people and companies' activities」

In my hands-on experience, I have designed a wide variety of cases, including residences, facilities related to traditional industries, closed schools, public buildings, and medium- to large-scale wooden buildings, and have created architecture that is the foundation for residents, businesses, and users to live and work in a society and environment that maximizes their value, while unraveling the relationship between the individual or company and the society and environment surrounding them, and between the industrial structure and their products and services. Architectural design from this "branding" perspective improves the living environment for individuals and corporate value, while also contributing to the formation of landscapes and social development.

「Proposal and practice of social development using space as a resource」

After a period of rapid economic growth, Japan is now an aging society with a declining population. In this context, we are working with local residents' groups and businesses to reconstruct society and the environment using architecture that is in the process of being renewed, architecture that has finished its role due to changes in the social structure, and architecture that is a cultural heritage (heritage). The architecture that has been reassigned to this role adds new value to society and the environment, and brings vitality to the community.

「Proposals for Designs that Make the Most of Wood」

As the SDGs are influencing various social structures, wood with its carbon fixing function is attracting attention as a material for building materials and products, and various technologies are being developed. In addition, by properly managing wood, its resources can be utilized as a non-depleting resource and an important element of a regional recycling-oriented society. I am working on architectural and furniture designs that make the best use of wood.

Fig.1 Patterns and Edos: Corporate Branding Contributing to Traditional Industries

Fig.2 WakuLabo: Government-led utilization of idle facilities for community revitalization

Fig.3 Shirokoya Marco: Community-driven utilization of vacant houses for community revitalization

Future Prospects

Architecture, which is backed by history and culture and is the foundation of society, supports various activities of humankind. I would like to explore the impact and possibilities of architecture and create architecture that contributes to people and society through concept construction and design. I would like to work with residents, governments, and businesses on activities for the future as a practical researcher who solves issues in society, the community, and businesses while standing in the field of university research and education. By working together with students on these activities, we will also educate them about Design of space and place as a practice.

Major academic publications

Architectural design and design related
Living in the woods. (*), Misaki House (*), Huttenana (*)
(*), Ukonke Away Renovation, LULL (JV), Hakoha Company Building, Mizushima Agricultural Machinery, Deaiers, WakuLabo, Etoe, Fukui Bank Imadate Branch, +Hitomame, Yaemaki Liquor Shop, Sanza Kumagawa, Fukui Prefectural Chidren and Womens Counseling center (JV), Tateru Yoshino Mikuniminato, Oasis on the Road Four Season Terrace, Maruoka Tourism infomation center(JV), Mokuup! (variable bookshelf in Fukui Prefectural Library), and
(Items marked with an asterisk (*) were published in the major media of the construction industry, Shinkenchiku Jutaku Special Issue).
Regional planning and urban development related
Maruoka Castle Area Development Plan (JV), Mikuni Minato Machiya Project (JV), Takefu Terara
Castie Hut Marco, Samurai Guard House Marco, Homachi MikuniMinato (utilization of vacant houses)