THE ROLE OF COMMUNITY-BASED ORGANIZATIONS FOR URBAN RIVER RESTORATION PROJECTS IN ZENPUKUJI RIVER, TOKYO, JAPAN

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## 1. RESEARCH GOALS AND BACKGROUND

1.1 Background

In 2006, Japan's Ministry of Land, Infrastructure, Transport and Tourism (henceforth MLT) announced"Naature-Oriented River Works" and guidelines
 Maintenance also benefits from community-based monitoring and contribute to achieving urban biodiversity goals.
1.2 Research Goals

This research seeks to clarify the planning process of an urban river revitalization project, with a focus on a civic group that, as a stakeholder, engendered Yovernment-community partnership. This author, as member of this group, participated in the planning phase of a riverworks project called Minna no
Yume Suiro igyō (henceforth "Our Dream Waterway Project"). A waterway revitalization project in Zenpukuij Park and located in Tokyo's suginami Ward Yume Suiro igyo (henceforth "Our Dream Waterway Project". A waterway revitaization project in zenpukuji Park and located in Tokyo's suginami Ward
this undertaking was initited not by the government but by a proposal from the community. After the project was green lighted, community groups were involved in the preliminary planning, landscape design, and construction of the waterway, as well as the establishment of a post-construction warticipatory management structure
In this process, Zenpukukiigawa Wo Satogawa Ni Kaeru Kai (henceforth "Zenpuku Frog") has been fostering relationships with the local community, This research seeks to to identify the role that this civicicgroun plyyeded in creating a v vision for revitalaizing this urban river and promoting the Our Dream Waterway Project for the past five years. To analyze this design management process, the paper chronicles the blueprints and documents used in the
2.ZENPUKUا RIVER, COMMUNITY, AND ZENPUKU FROG
2.1 Zenpukuji River and its Challenges

Zenpukuji River is 10.5 km long urban river that flows in the Suginami Ward of Tokyo Metropolitan Area.
Challenges: channelization and concrete banks. flash floods, pollution due to combined sewage and surfa
2.2 History of the Waterway in Zenpukuji Park

Zenpukujii Pond was once surrounded by wetlands and rice paddies, but is now an urban park. A waterway, managed by Suginami Ward, was
the site of an initiative to introduce firefies by local residents in the 1980 .
2.3 logi Elementary School and a River-Centered Curriculum
logi Elementary School, near the park, has the river flow through its campus. Since 2009, this school, with the help of NPO Suginami Kankyō Nettowāk
and logimaru School Support Group, began river cleanup and river-related educational program, water quality monitoring and biological surveys.

### 2.4 Zenpuku Frog

Zenpuku Frog, a local group seeking to restore Zenpukuji River, began in 2011. Zenpuku Frog's involvement with logi Elementary School began in 2012 with its invitation of a hydrologist to teach a class. The group also supported the schoolchildren when they submitted drawings of their "dream watervay" to sogmemi Ward Mayor.As a result, the
3. "Our Dream Waterway Project": Participatory Design Workshop and Zenpuku Frog
3.1 Zenpuku Frog's Activities before the Participatory Design Workshop

A series of workshops by Zenpuku Frog brought together community stakeholders, occal residents, environmental groups, and the schoolchildren to hold discussions and share
the principles that would later guide the project.
3.2 The Participatory Design Workshop Zenpuku Frog held meetings, lectures, and expert consultation to
supplement and support the design workshops held by suginami Ward.


Figure 1.The Organization of Design Workshop
3.3 Evaluation of the Design Proposal and the Submission of an Alternative Proposal Zenpuku Frog, upon receiving the plans, identified problems,


Figwe 2 The
4. FROM A PREPARATORY GROUPTO COMMUNITY-BASED GOVERNANCE
4.1 Discussions Concerning Post-Construction Waterway Maintenance
4.2 A Preparatory Group to the Formation of "Osonoigawa Kappa no Kai"

In 2017, a "Dream Waterway Preparatory Meeting" was held with the purpose of creating a community group for waterway maintenance, with discussions concerning a) organizationa structure such as group charter, agreement with ward, secretariat and chairperson, and duties, and b) activities such as partipating in the construction, user rules, programs,
Schoolchildren took part in planting native plants during the construction phase in 2018 , and in July the waterway's opening ceremony was held, with the ward mayo various stakeholders, and children, including logi graduates who have since become university students, attended.
5.2 The Cycle of Coordination between Citizen Group, Citizens, and Government

This citizen group, through its open network, was able to communicate its broader vision of river revitalization to a multi-generational public. Through citizen science and educational opportunities, t staged small but significant interventions to communicate this vision to the ward government. The ward, in turn, decided to greenlight this project and held a workshop that ensured a broader participation in the planning, construction, and maintenance of this waterway. The group, therefore enabled the participation and awareness raising of the local community while also contributing to



