

Unrooting the Issue

Conflict Resolution of Urban River Restoration

A narrow canal flows through a lush, green neighborhood. The water is shallow and reflects the surrounding foliage. The canal is bordered by stone walls on both sides. The trees are dense and green, with some bare branches visible in the foreground. The overall scene is a peaceful, natural setting.

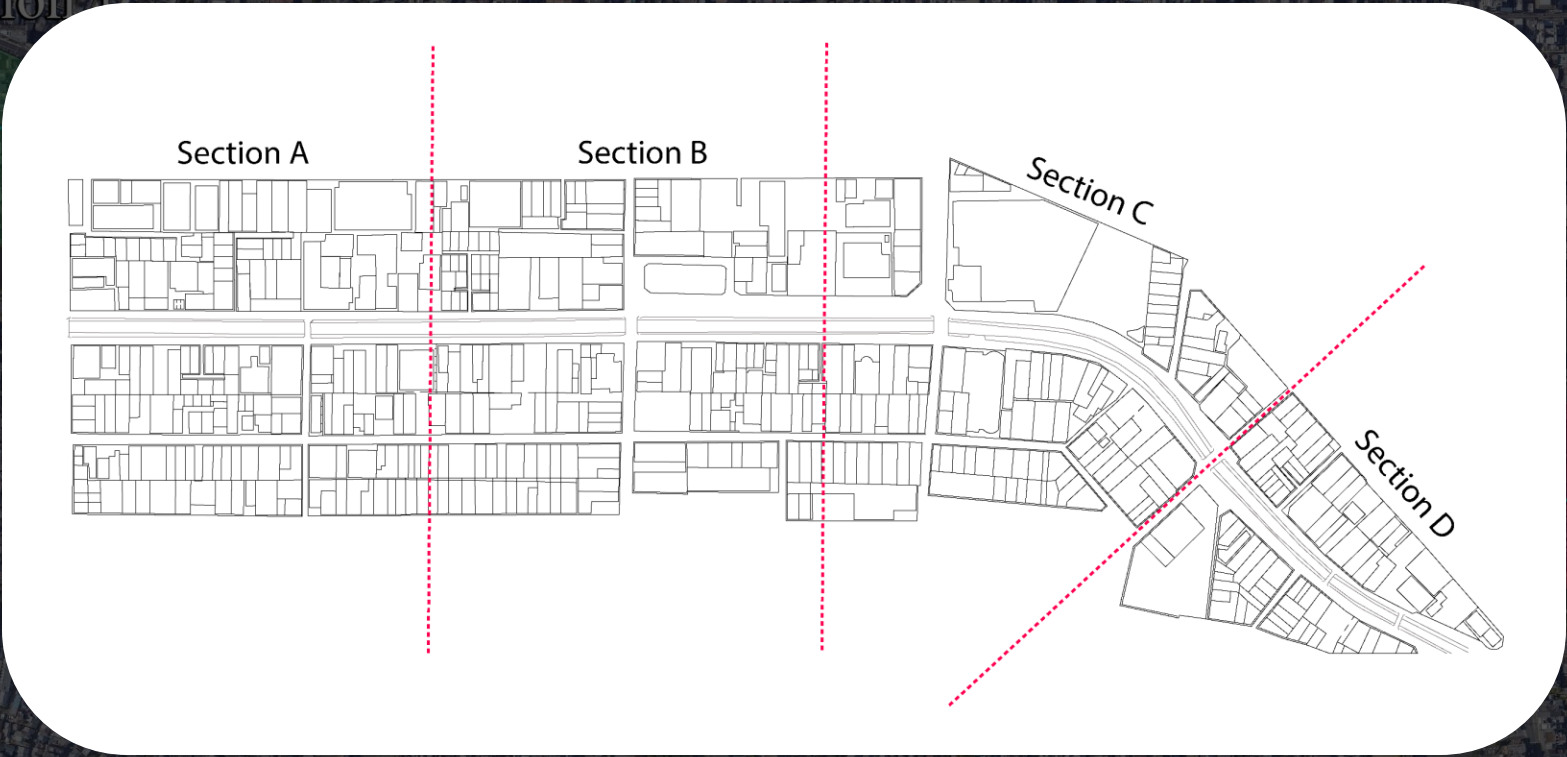
Objectives

1. **Understand** and **preserve** the cultural significance of the canal, and its surrounding landscape.
 2. Identify both the **perceived** and **real risks** posed by the vegetation in the area.
3. **Construct** a story map of the region that can be used to **tell the narrative** of the neighborhood.

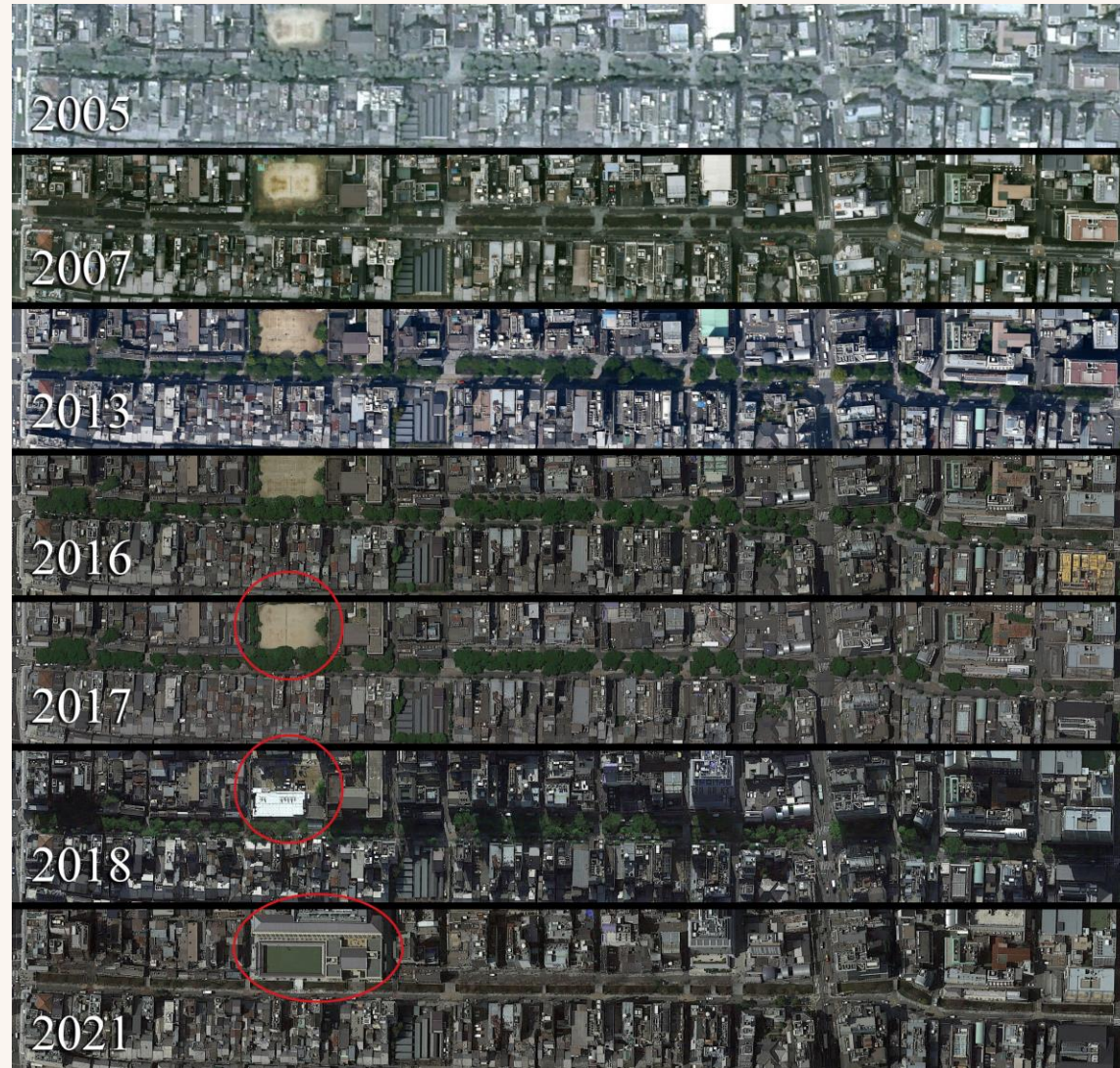
Region 1

Shichijo Street

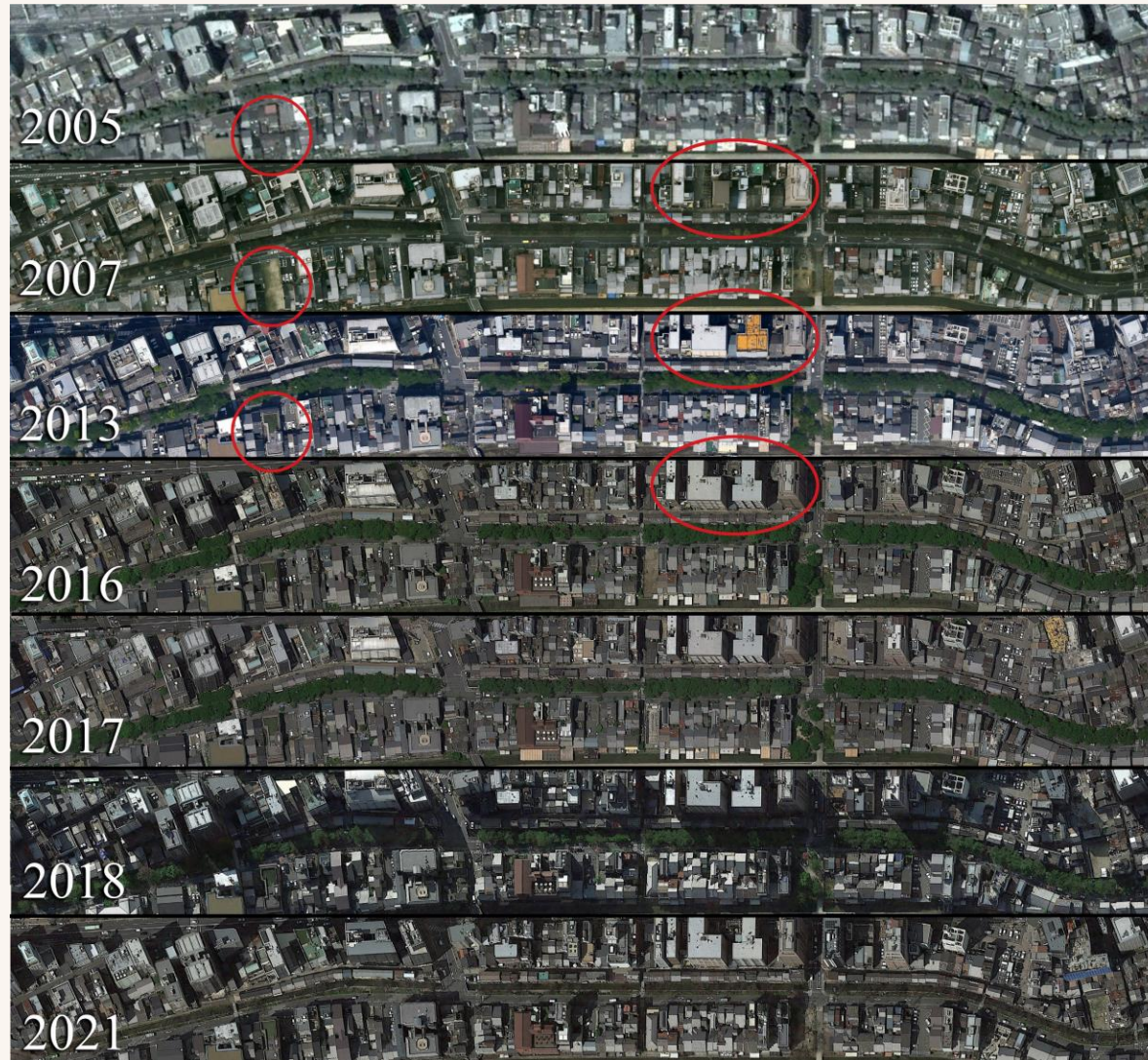
Nijo Street



Changes in Biodiversity via Satellite Images [R3]

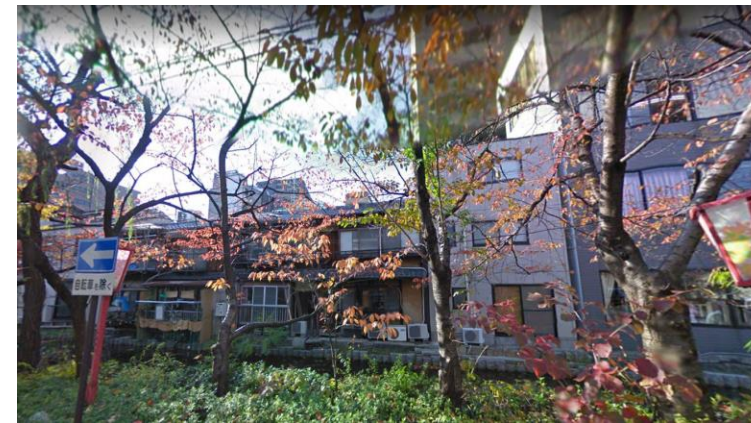
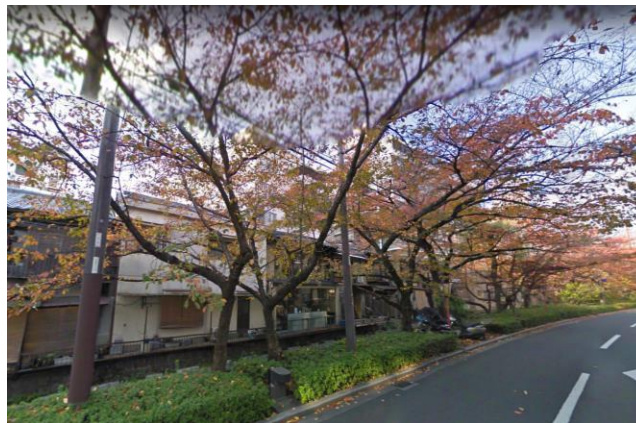


Changes in Biodiversity via Satellite Images [R2]



Changes in Region 2

2009



2020

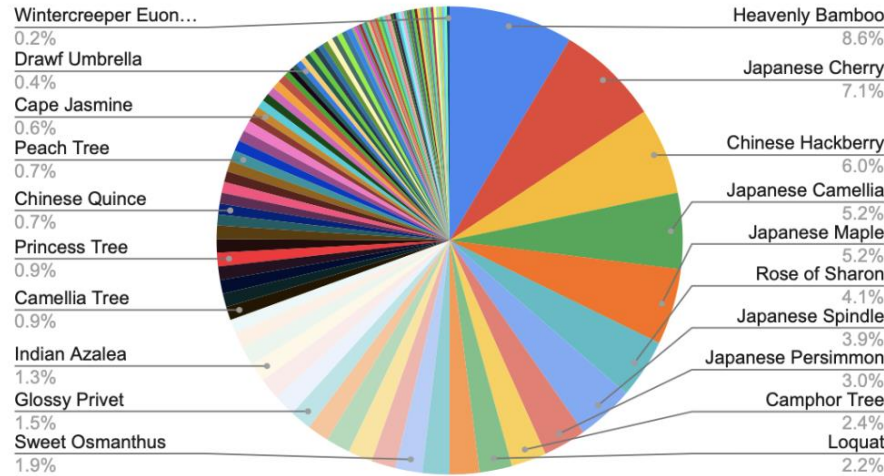




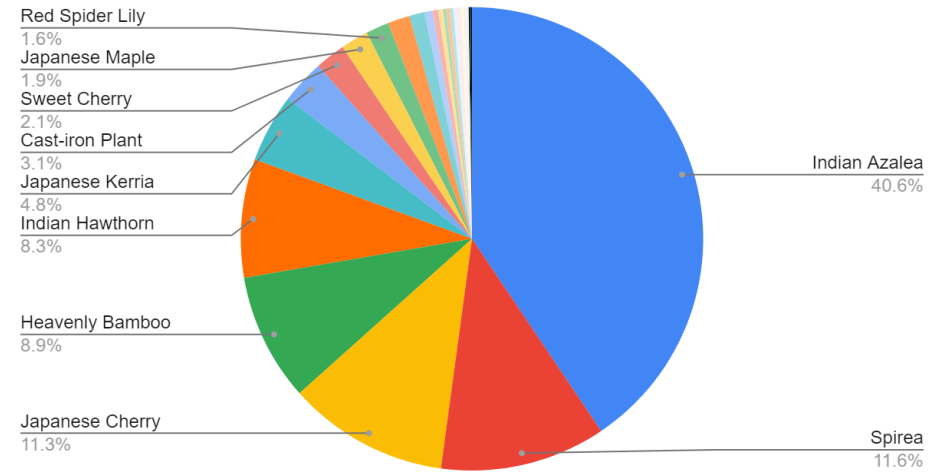
Current Restoration

Downstream VS Upstream Biodiversity

Gojo to Shichijo Plant Species Distribution



Nijo to Gojo Plant Species Distribution



Downstream: ~85.5% comprised of **thirty-one** species

Fruit-bearing and aesthetic, natural look

Upstream: ~85.5% comprised of **six** species

All aesthetic plants, artificially spaced

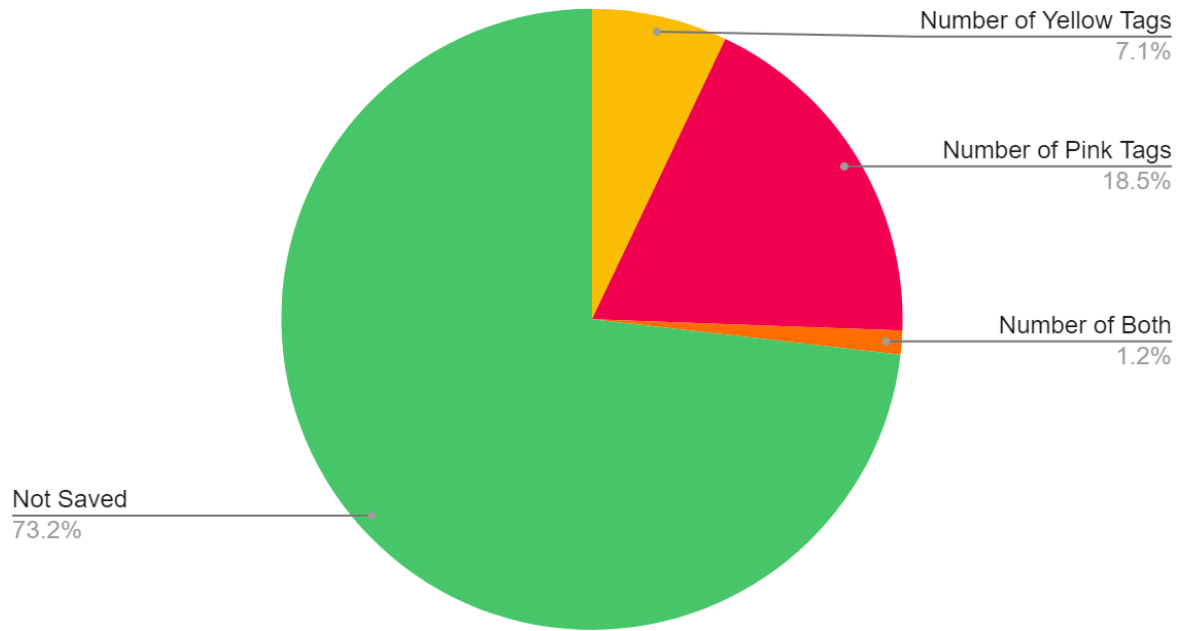
Plants That Will Be Saved

Section A

Section B

Section C

Saved Plants



Section D

京都市・広報板

Conflict

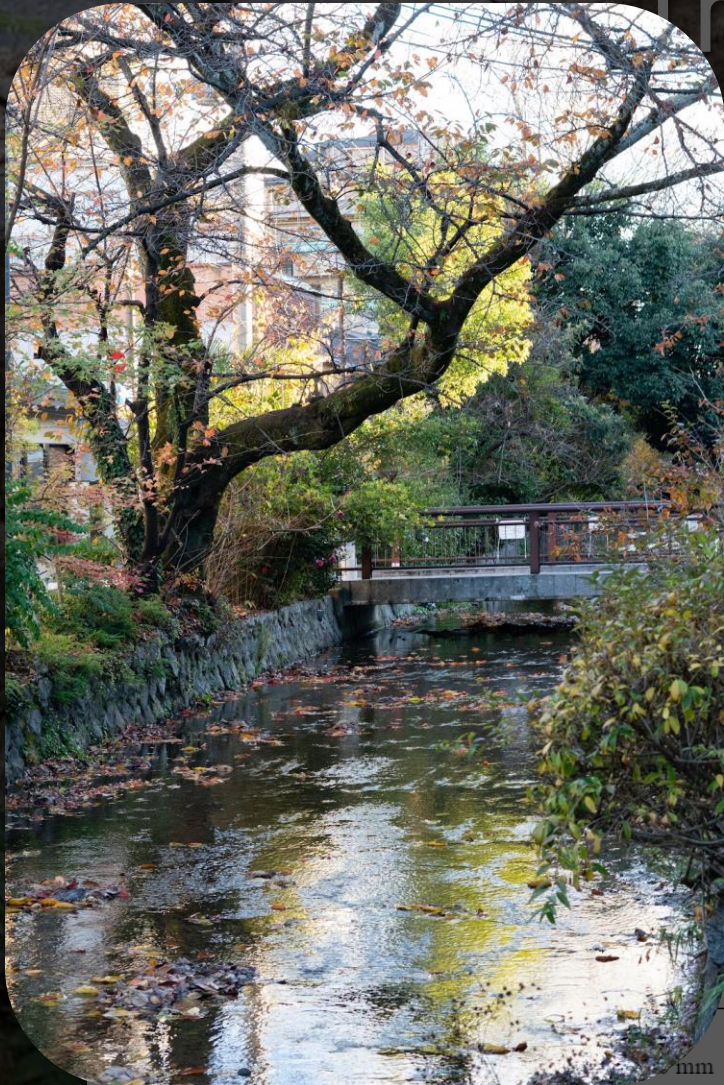
Residents were **not** formally **informed** about the restoration

Revision to the project was made due to **locals' disagreement**

Garden people came in to **reassess the trees** to try to save as many as possible

Govt. claimed the **removal of tree** decided based on the **risks poses**

Tree Risk Assessment



more than 50% of stem circumference



Constant



15 m-20 m

Community Use and Opinions

- Cleaning the Leaves
- Personal Gardens
- Tree Removal
- Hopes for the Project



Trends

2015



2022



Yamauchi



“ The Yamauchi Foundation and YN10 have so far acquired 12 new lands and ”
buildings in the Kikuhama area, and they plan to continue revitalizing the
surrounding area over the long term.

Conclusion and Recommendation



PEOPLE CARE ABOUT THE
PLANTS IN THE AREA



RESIDENTS LIKE THE
"NATURAL" LOOK



BIG AESTHETIC, CULTURAL,
AND DEMOGRAPHIC CHANGES



PRESERVE THE BIODIVERSITY
OF KIKUHAMA AND ITS
NATURAL AESTHETIC



REMOVE TREES THAT POSE A
RISK TO THE PEOPLE



CLEARLY COMMUNICATE
FUTURE PLANS WITH THE
RESIDENTS



CREATE AN INTERACTIVE MAP
OF THE REGION FOR THE
VEGETATION ALONG THE
CANAL



Acknowledgements

We would like to give our warmest thanks to:

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Project Assistance: Park Kwangyeon, Luiz Salles, & Team 5

A photograph of a canal with a stone retaining wall, a white truck on the road above, and lush greenery. The text "Any Questions?" is overlaid in the center.

Any Questions?