Background | S4 Highway - A Physical Block Splits Up the Campus of SJTU

The Project Mapping

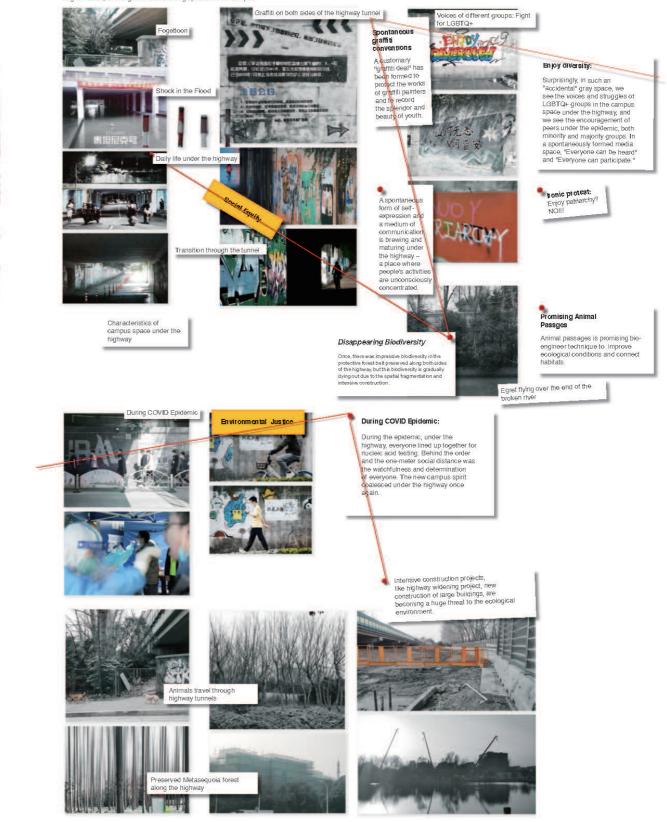
1985

At present, in the Minhang campus of SJTU, there are four passages passing through the S4 highway green corridor. These four underpasses connect the east and west areas. The impact of the S4 highway on the campus becomes more and more severe as it hinders east-west communication.



Background | Identification of Issues in Environmental Justice and Social Equity

The S4 high-speed crossing of the Minhang campus of SJTU has brought serious negative effects such as spatial fragmentation, audio-visual interference, negative interfaces, and water accumulation in the passage. In addition, it also caused problems such as hidden traffic hazards and environmental pollution he east and the west. The shadow of the S4 highway has caused traffic contradictions, cultural fragmentation, and forgotten and daunting spaces on the campus.



Country /City		
University / School		Shar
Academic year		
Title of the project	CAMPUS FIGHT! A GUIDEBOOK FOR	CAM
Authors	Yuxuan Cai, Jiani Lai, Zheng Yin, Yuhui Yang, Chenyuan Zhang, Mingze Chen, Yufan Xu, Chenye Yang, Yue C	hen, Le

China\Shanghai anghai Jiaotong University 2021-2022 MPUS TRANSFORMATION Le Zhang, Jiayuan Wu, Mianzhi Wu



TECHNICAL DOSSIER

. . .

Title of the project	CAMPUS FIGHT! A GUIDEBOOK FOR CAMPUS TRANSFORMATION
Authors	Yuxuan Cai, Jiani Lai, Zheng Yin, Yuhui Yang, Chenyuan Zhang, Mingze Chen, Yufan Xu, Chenye Yang, Yue Chen, Le Zhang, Jiayuan Wu, Mianzhi Wu
Title of the course	Lndsacape Architecture Studio
Academic year	2021-2022
Teaching Staff	Teaching Fellow: Xiwei Shen
Department / Section / Program of belonging School of Design/Landscape Architecture	

University / School

Shanghai Jiaotong University



Written statement, short description of the project in English, no more than 250 words

Like Janette Sadik-Khan's Street-fight, CAMPUS-FIGHT is our ambitious re-imagining of the linear campus space under the S4 Highway in order to mitigate the environmental crisis and promote students' engagement and empowerment on campus, thus improving environment justice and social equity on campus. It began as a bottom-up spontaneous campus movement by community members, then gradually grew to a team led by landscape students in combination with architecture and interaction design students. In order to transform the campus under the highway into a place that maintains social equity and environmental justice. A guidebook, participatory planning platform, and toolkit for a healthy environment were gradually proposed, becoming the cornerstone of public engagement design on campus. This project will be a useful reference for other schools in similar situations.

12th International Biennal Landscape Barcelona

Barcelona

SCHOOL PRIZE

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Sede ETSAB - Universitat Politècnica de Catalunya

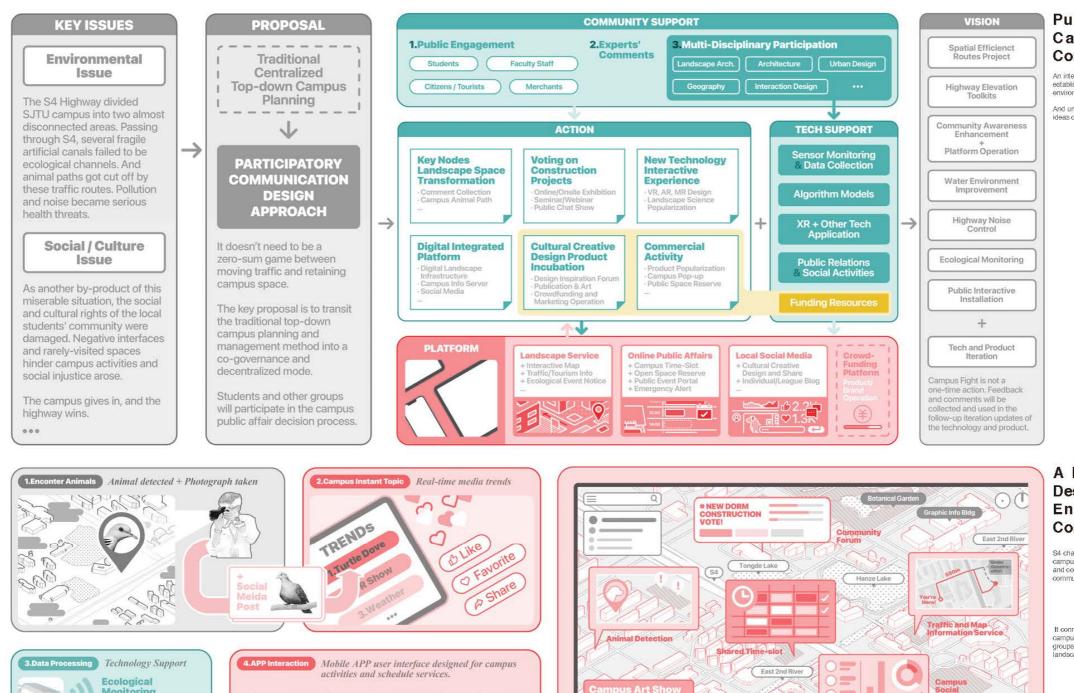
Calle Jordi Girona, 15. Edifcio Omega 1-3 08034 Barcelona - Spain

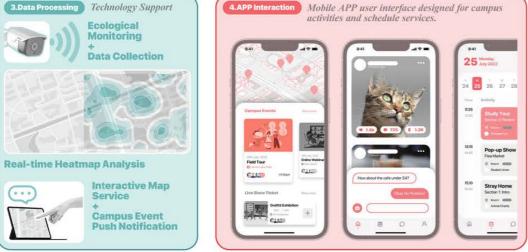
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November 2023







Public Engagement to Restore the Campus Culture | Social Media Concept

An integrated multi-functional platform (mobile APP + web page) is designed and established to connect different groups in the campus. Important event notices, environmental alerts and public forum topics will be delivered to everyone who engaged.

And university hubs and interactive map services will keep us in touch. Moreover, great ideas of cultural creative design will be generated, as one by-product type in this project.

A Participatory Communication Design: Re-Wilding the Campus With Environmental and Social Equity Concentration

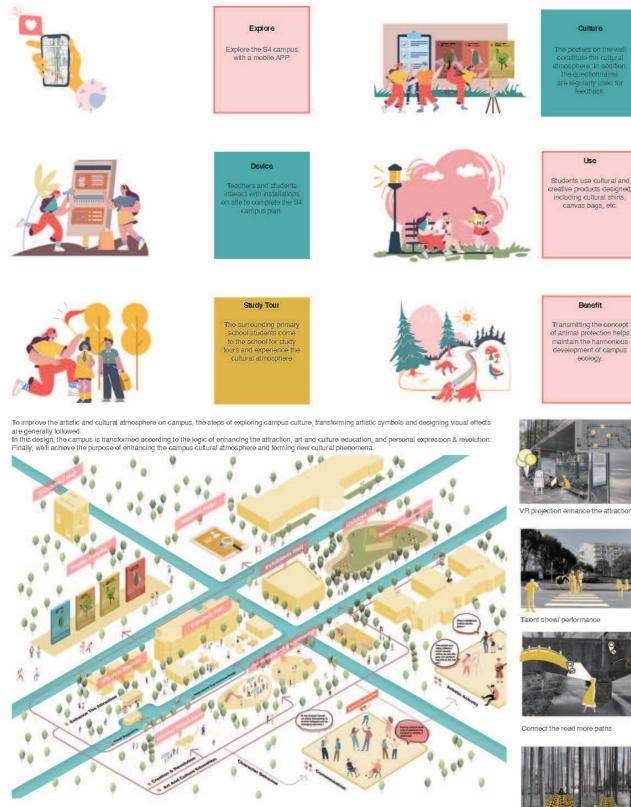
S4 challenges the traditional top-down campus planning model and the more closed campus community culture, relying on data technology tools, spatial governance, and community-based social governance to propose a more open and natural smart community model.

It connects schools, student groups and social groups through apps embedded as a campus communication social infrastructure. Facilitate communication between different groups and enable public groups to understand the basic services to the campus landscape system and participate in social multi-governance.



Public Engagement to Restore the Campus Culture | Social Media Implementation

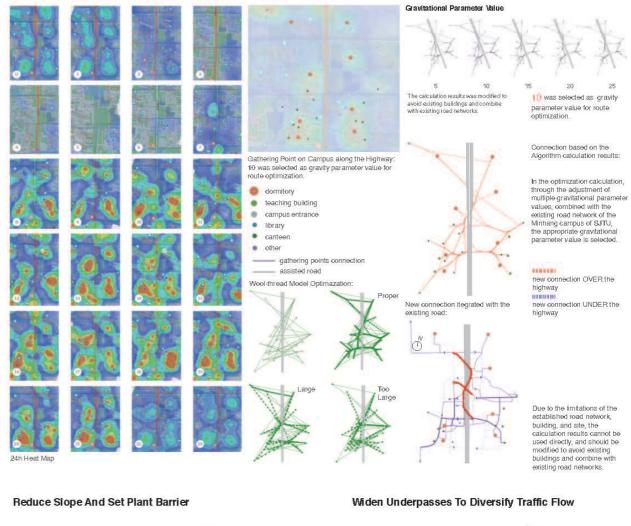
Community members of different backgrounds can participate in different stages of campus community transformation through different paths of the platform.

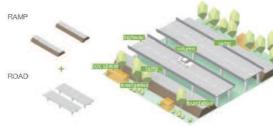


As a small community, the campus has too many nodes worth lighting up, such as an intersection, a bus stop, an unbeautiful wall, a small piece of wall... There The structure many local structure is to place and subjects in crowded correct gardens, on the side of streets, or in any less welcoming correct in addition, open wall painting and poster Posting on the not beautiful interface can not only improve the visual appeal, but also encourage personalized expre-of teachers and students. Finally, in order to upgrade the cultural atmosphere of the whole school, the creativity of teachers and students is also crucial, so providing some places to encourage performance art and comminication are also a small strategy.

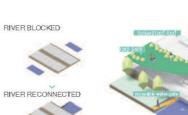
Access to the Public Resource | Refine Traffic System + Highway Elevation

Based on the 24h overlay of the heat map, combined with the distribution of various facilities on the campus, 5 categories of the gathering points were screened out, which are used as important connection nodes of the routes, connecting the population gathering points of the east and west districts.

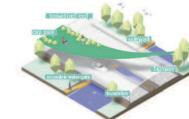




Connect River, Add Pedestrian Access



Art devices



BRIDGE

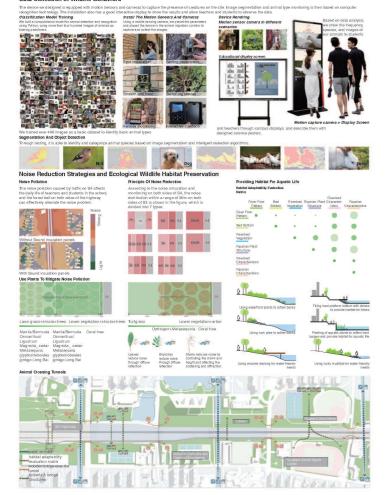
ROAD



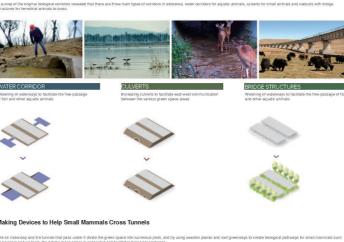
Introduce New Traffic Flows With "Box Space"



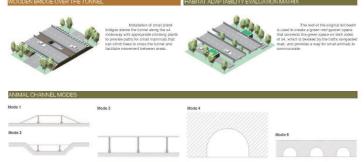
Build Sustainable and Healthy Environment Data Collection of Wildlife Behaviors



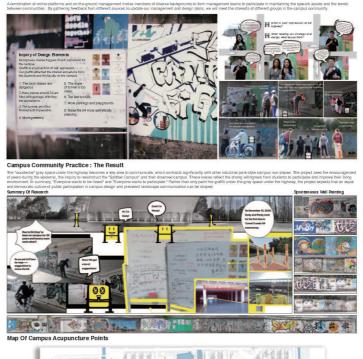
Reinforcing Existing Culverts







Public Engagement to Restore the Campus Culture





CAMPUS-FIGHT! A GUIDEBOOK FOR CAMPUS TRANSFORMATION

Social Equity

Environmental Justice Participatory Communication Design CAMPUS-FIGHT!

A Guidebook For Campus Transformation. WEBSITE LINK: https://issuu.com/yuxuancai/docs/campusfight0521 VIDEO LINK:https://youtu.be/qSUTT1aKk7g

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STUDENT COLLABORATION https://youtu.be/qSUTT1aKk7g

