

DANCE WITH BEE

The oasis of bio-diversity in the city

Country/City University/School	China Harbin Institute of Technology
Academic year	2019-2020
Title of the project Authors	Dance With BeeThe Oasisi of Bio-diversity in the City Wang Pengtao, Zhang Yuecong



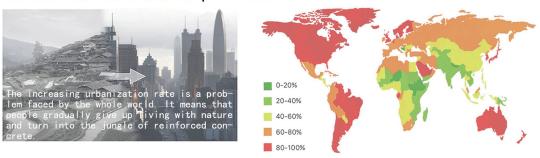
TECHNICAL DOSSIER

Title of the project Autheors Title of the course Academic year Teaching Staff		Dance with Bee Wang Pengtao, Zhang Yuecong Research Design Studio	
		2019,2020 Zhu Xun,Zhao Wei	
Department/Section/Program of belonging		Landscape Department	
University/School		Harbin Institute of Technology	

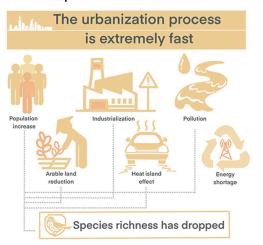


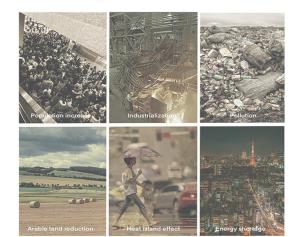


Global urbanization process

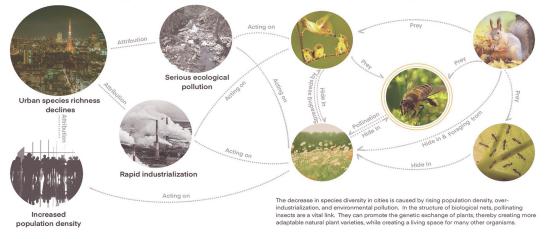


The impact of urbanization on the ecological environment

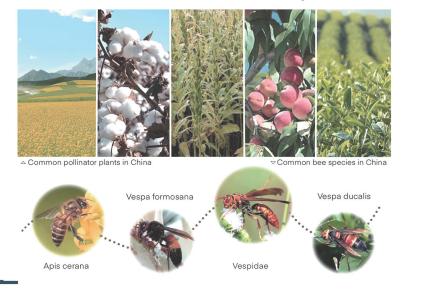


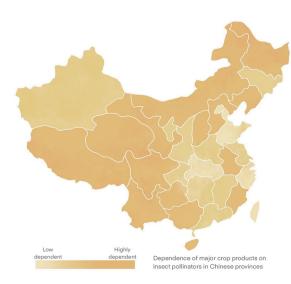


How pollinating insects affect species diversity



The current status of nectar plants and bees in China





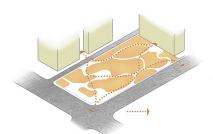


The current status of nectar plants and bees in Tangshan

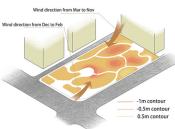




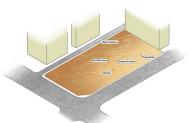
DESIGN STRATEGY



Determine the road network within the site according to the flow of people in the surrounding neighborhoods



Determine the terrain of the site according to the wind direction



Set different bee habitats based on site thermal radiation



Plant trees to provide rest space for people and living space for bees

CULTURAL CONCEPT



Combining venue design with traditional local theatre forms.—The Tangshan Shadow Play



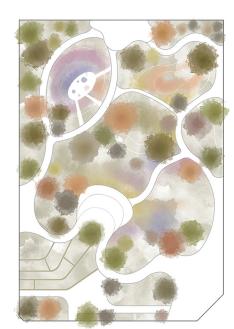
The beginning of the story is usually bland but appealing



As the story progresses, the protagonist will walk into a wonderful world and overcome difficulties



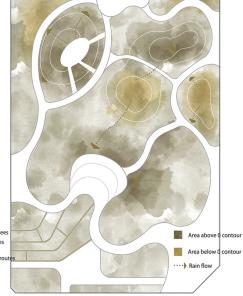
In the end, when he looks back at his life, he can truly and objectively look at the things he has experienced before.



Main foraging routes of solitary bees

Main foraging routes of social bees

"Close tobee "walking route
"Stay away from bee "walking routes



ARBOR SEASONAL CHANGES OF THE TREE









ARBOR SEASONAL CHANGES OF THE FLOWER

