

The 8th SURE Summer School was successfully held in Shanghai, China

The 8th SURE summer school on urban ecology, which was co-organized by Shanghai Jiao Tong University (SJTU), SURE, SURE-China chapter, and the University of Melbourne, and hosted by School of Design at SJTU, has been successfully held at Shanghai, from 8 to 12 August, 2022. Due to COVID-19 pandemic, the 8th SURE-SJTU summer school was held online. The 2022 international summer school is themed on Urban Biodiversity and Conservation: Global Perspectives and Comparisons. It focuses on hotspots of urban biodiversity, and the nexus of human activities and human habitats, and urban ecology. The summer school has successfully attracted nearly 200 students from undergraduate to PhD who come from 93 universities at 10 countries: the United Kingdom, the USA, Hungary, Korea, Sri Lanka, Pakistan, Mexico, Iran, Turkey, and China. The summer school was co-chaired by Prof. Dr. Junxiang Li at Shanghai Jiao Tong University, Prof. Dr. Juergen Breuste at University of Salzburg, and Dr. Amy Hahs at University of Melbourne. 11 distinguished scientists in urban ecology and urban biodiversity have been invited to give lectures at the 8th SURE Summer School. Their talks cover the wide topics on urban biodiversity protection, urban biodiversity research methodology, state-of-the-art theories of urban biodiversity, and urban biodiversity conservation practices. The lecture information is listed in the following table.

Speaker	Institute	Topic of the talk
Prof. Dr. Jürgen Breuste	University of Salzburg, Austria	1. Urban Wilderness 2. Urban biodiversity in European cities
Dr. Amy Hahs	University of Melbourne, Australia	Urban biodiversity and ecosystem services
Prof. Dr. Marc Cadotte	University of Toronto, Canada	Biological invasion success and impact in urban systems
Prof. Dr. Dagmar Haase	Humboldt Universität zu Berlin & Helmholtz Centre for Environmental Research-UFZ, Germany	Climate change action for urban forests and trees: When a solution becomes a challenge
Dr. Juliane Mathey	Leibniz Institute of Ecological Urban and Regional Development (IÖR), Germany	Wilderness on urban wastelands – an annoyance or a paradise for biodiversity?
Prof. Dr. Ana Faggi	University of Flores, Argentina	Urban biodiversity in Latin American cities
Ast. Prof. Dr. Alessandro Ossola	University of California, Davis, USA	Global Urban Tree Inventory (GUTI) and its implications for global tree species conservation
Prof. Dr. Jun Yang	Tsinghua University, China	Impacts of global urbanization on distribution of tree species: data, methods, and results
Prof. Dr. Yongchuan Yang	Chongqing University, China	Seeking for nature of Chinese cities: Plant diversity affected by urbanization
Assoc. Prof. Dr. Yong Zhang	Nanjing Forestry University, China	Avian diversity under urban environments
Prof. Dr. Junxiang Li	Shanghai Jiao Tong University, China	Urban plant biodiversity: Sampling methods and diverse distribution patterns



Figure 1. The open ceremony of the 8th SURE summer school



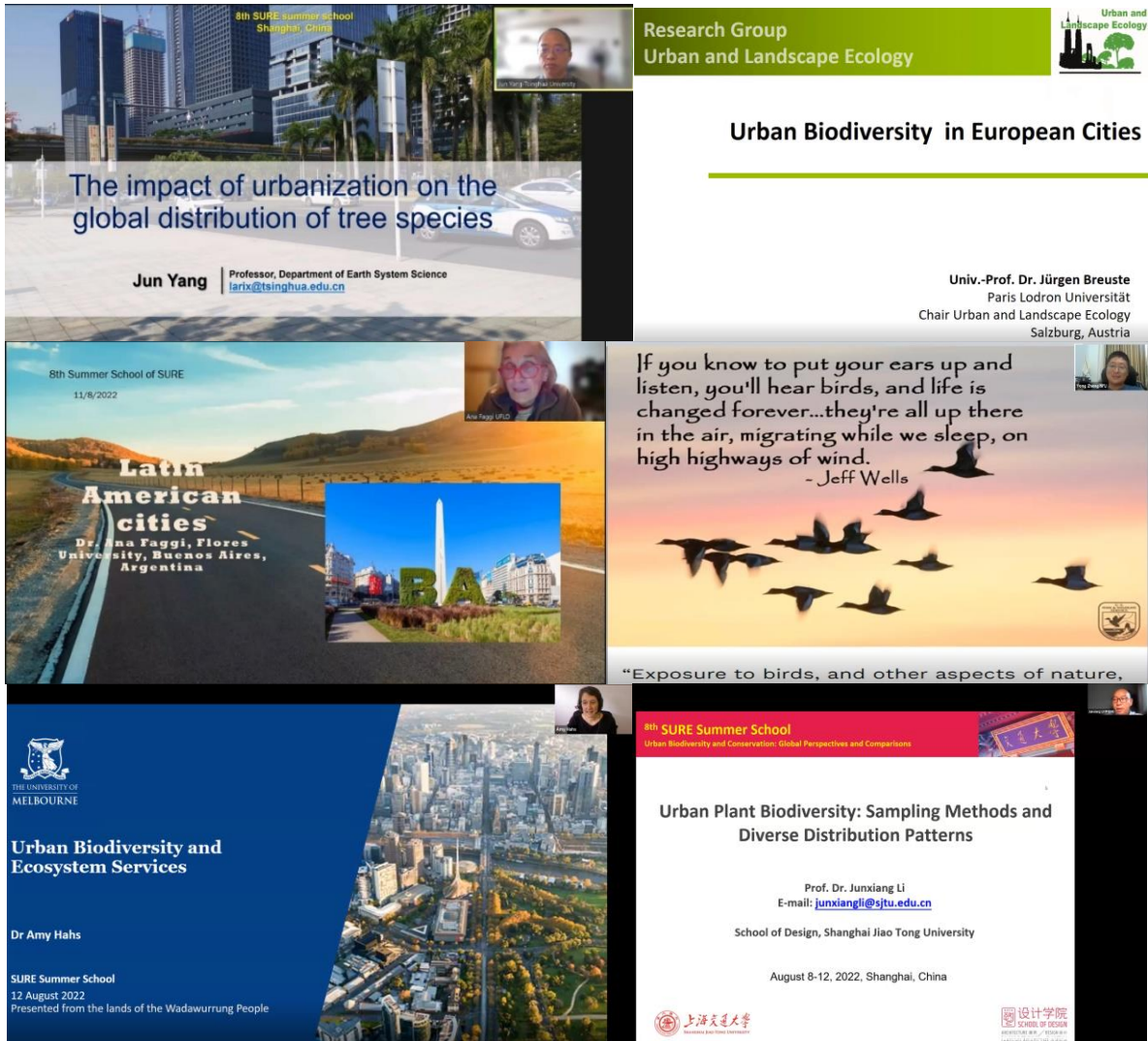
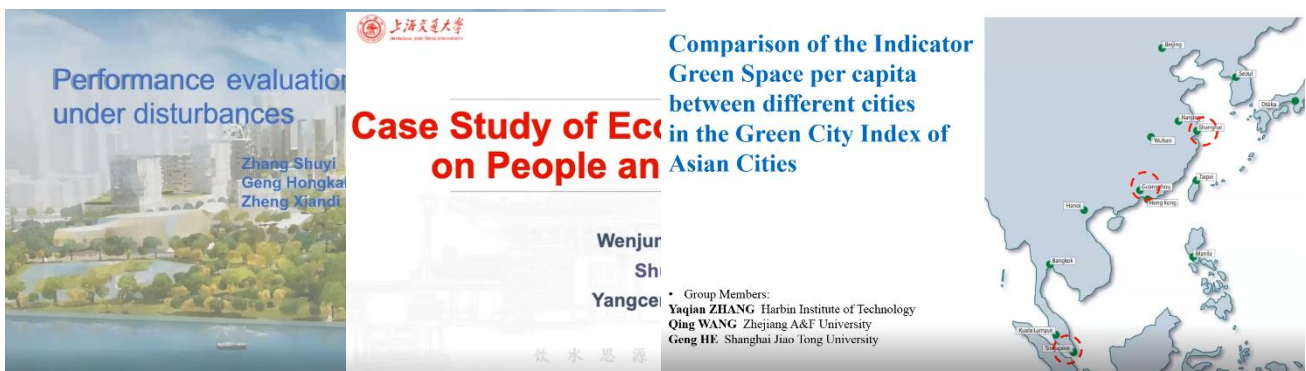


Figure 2. The lectures by the tutors

51 individual and group presentations from the 94 regular participant students have been presented. The students' presentations cover nine topics relevant to the talks given by the tutors. There were active group discussions and comments and suggestions from the tutors and students. All the participants expressed that they got great benefits from the inspiring talks of the teachers and the presentations from the students, the 8th SURE summer school is interesting and fabulous. The knowledge and practice experiences presented by the tutors would provide a good deal of insights into urban biodiversity conservation, planning, and practices for all the students.



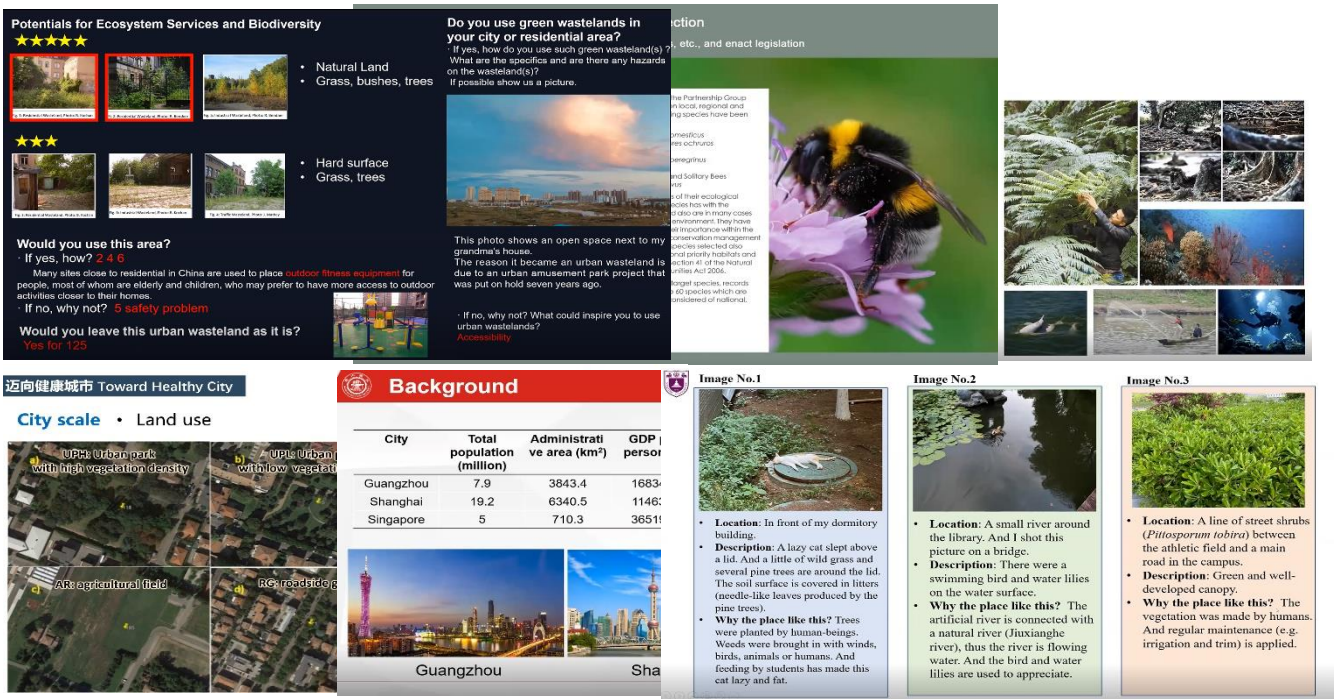


Figure 3. Partial presentations from the participant students



Figure 4. The online closing ceremony of the summer school