



清华大学
Tsinghua University

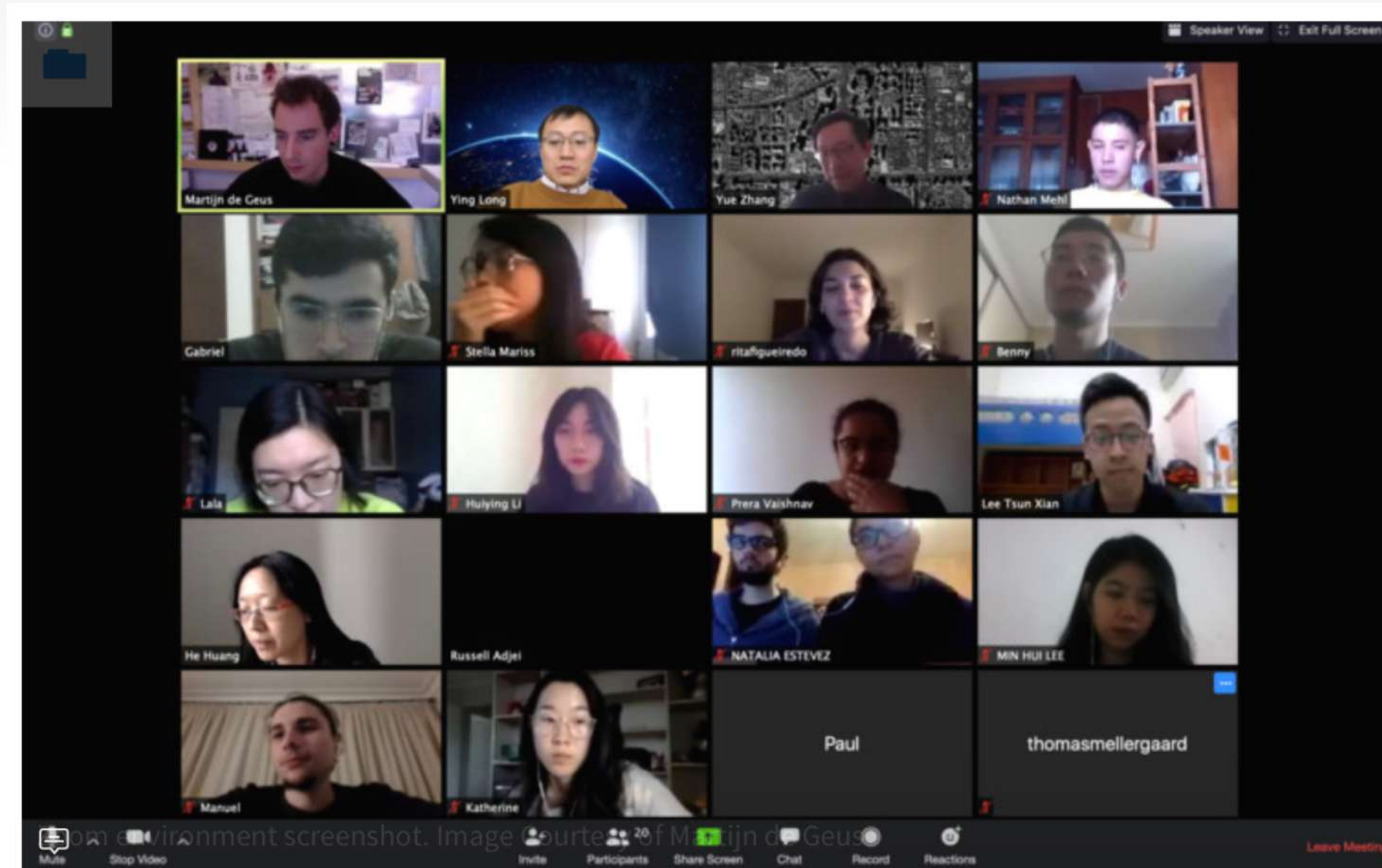


Online Design Studio Teaching

Experience and lessons learned from the EPMA urban design studio

Ying LONG, Department of Urban Planning, School of Architecture





SHARING CITY

Smart, future, shared lifestyle in the modern city: Guomao

Data, Smart and Future for DESIGN

Studio for international architecture graduate students (Year 1)

Twice a week, 8 weeks in total, 3 hours each, 2 credits (FINISHED already)

17 Students in 16 countries across the world (six continents, Columbia & Mexico)

Last year one from Ecuador

Studio instructors: Prof ZHANG Yue, Dr HUANG He, Dr LONG Ying, Mr Martijn de Geus (TA)





Site: The Beijing CBD (Guomao) with an area of 4 km²

Clockwise

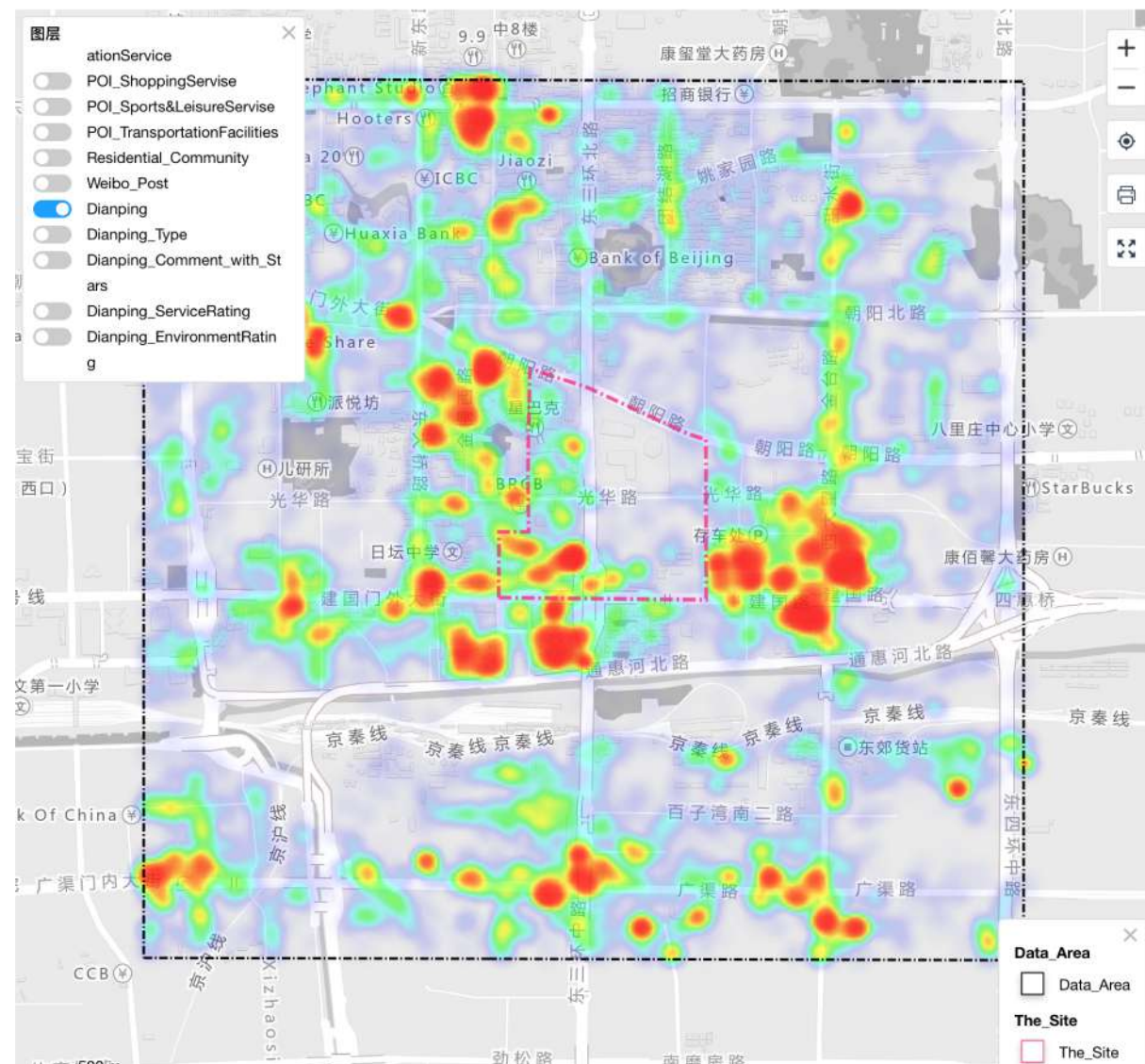
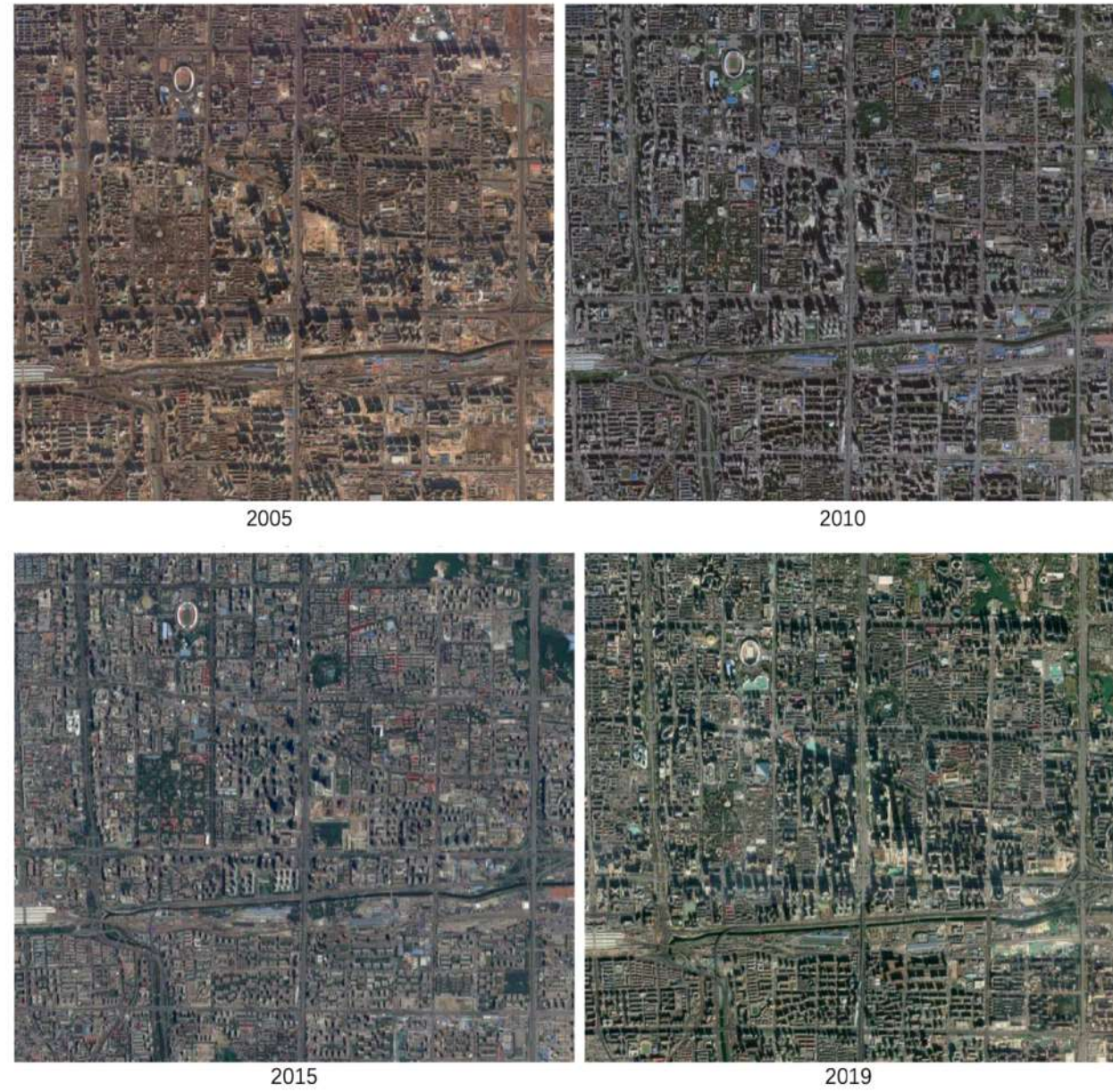
Satellite Images

SketchUp Model

Street View Images

Urban Big Data

Multi-forms
(images, online mapping, raw data)



Timeline:

2013.07 2017.06



Number of View_pionts: 42



<https://geohey.com/apps/dataviz/210aab5e130a4bec8e83f0bb3ffb04a2/share?ak=YjM5YjQ2mRkZDgwNGQyYzk0M2RmZTY4MDMwNGI4ZDc>

Sample:



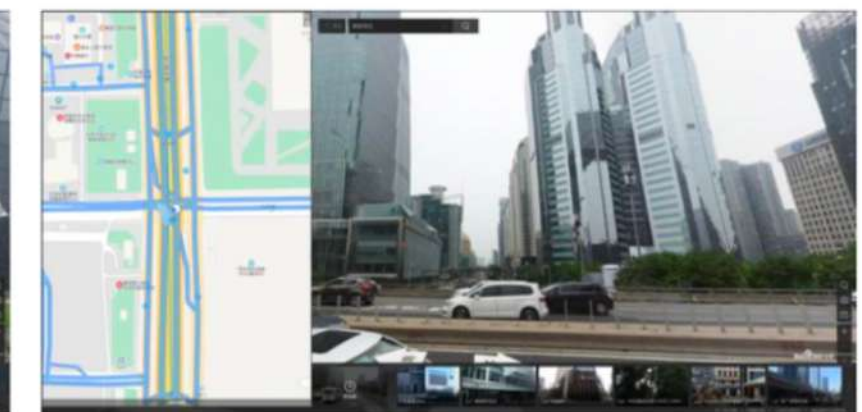
14-1 (Direction: South)



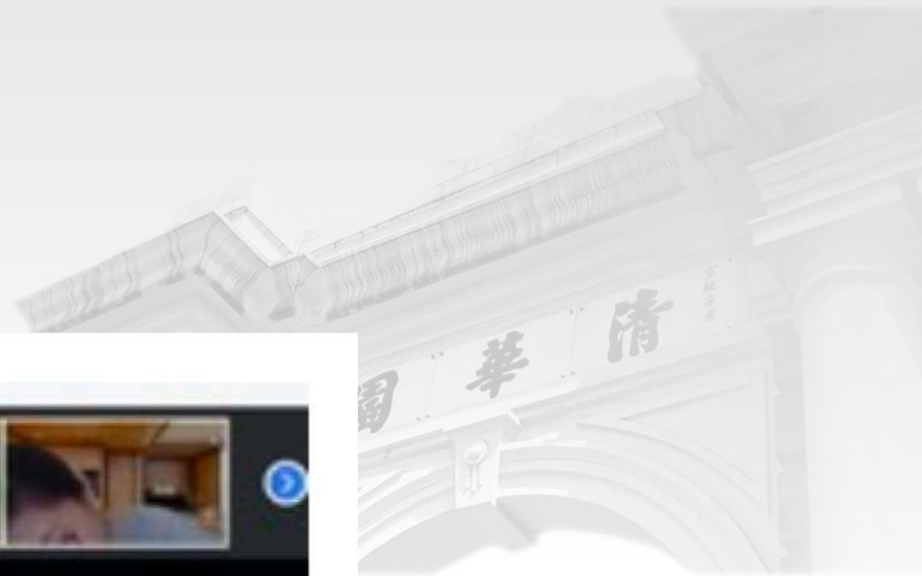
14-2 (Direction: West)



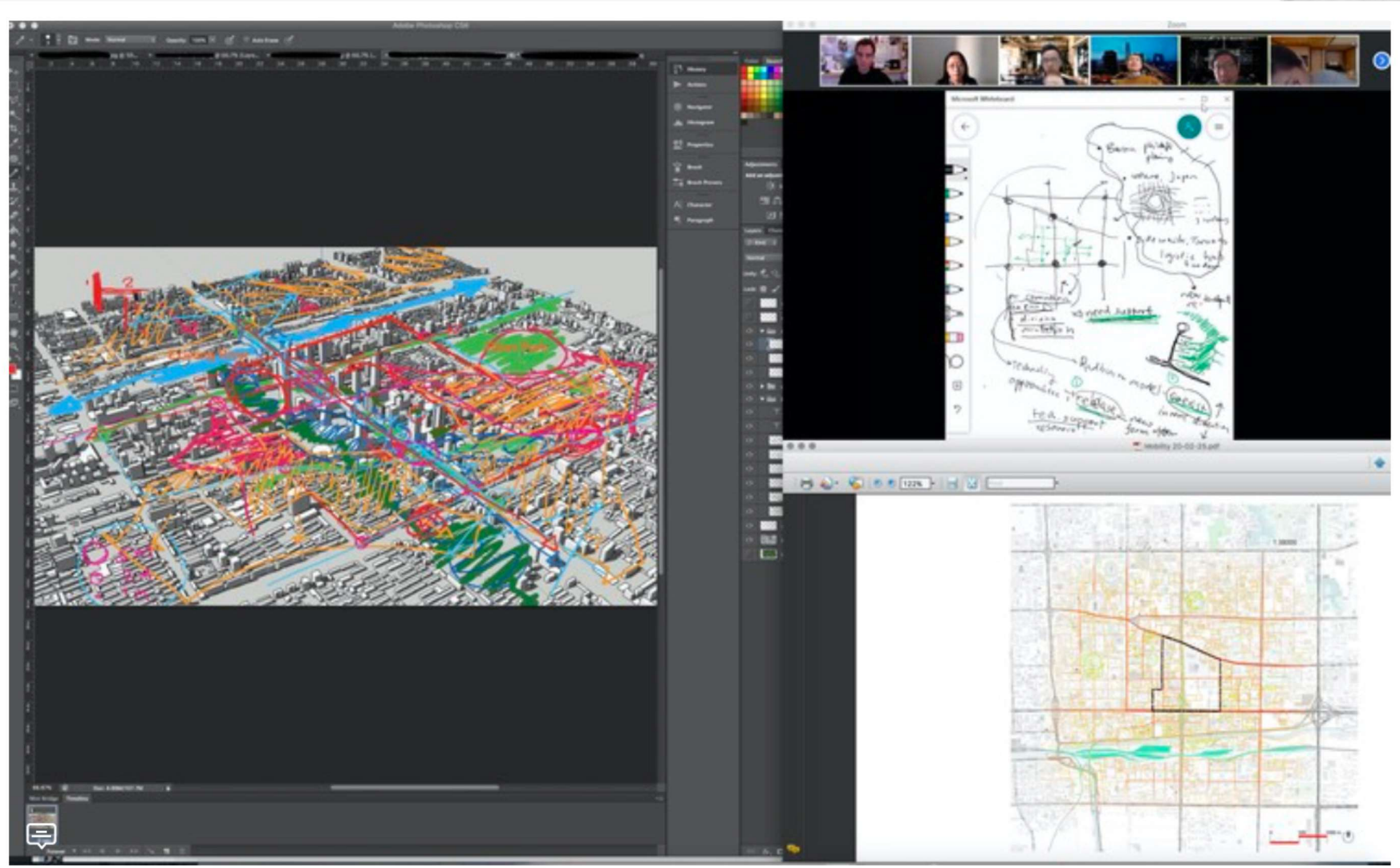
14-3 (Direction: North)

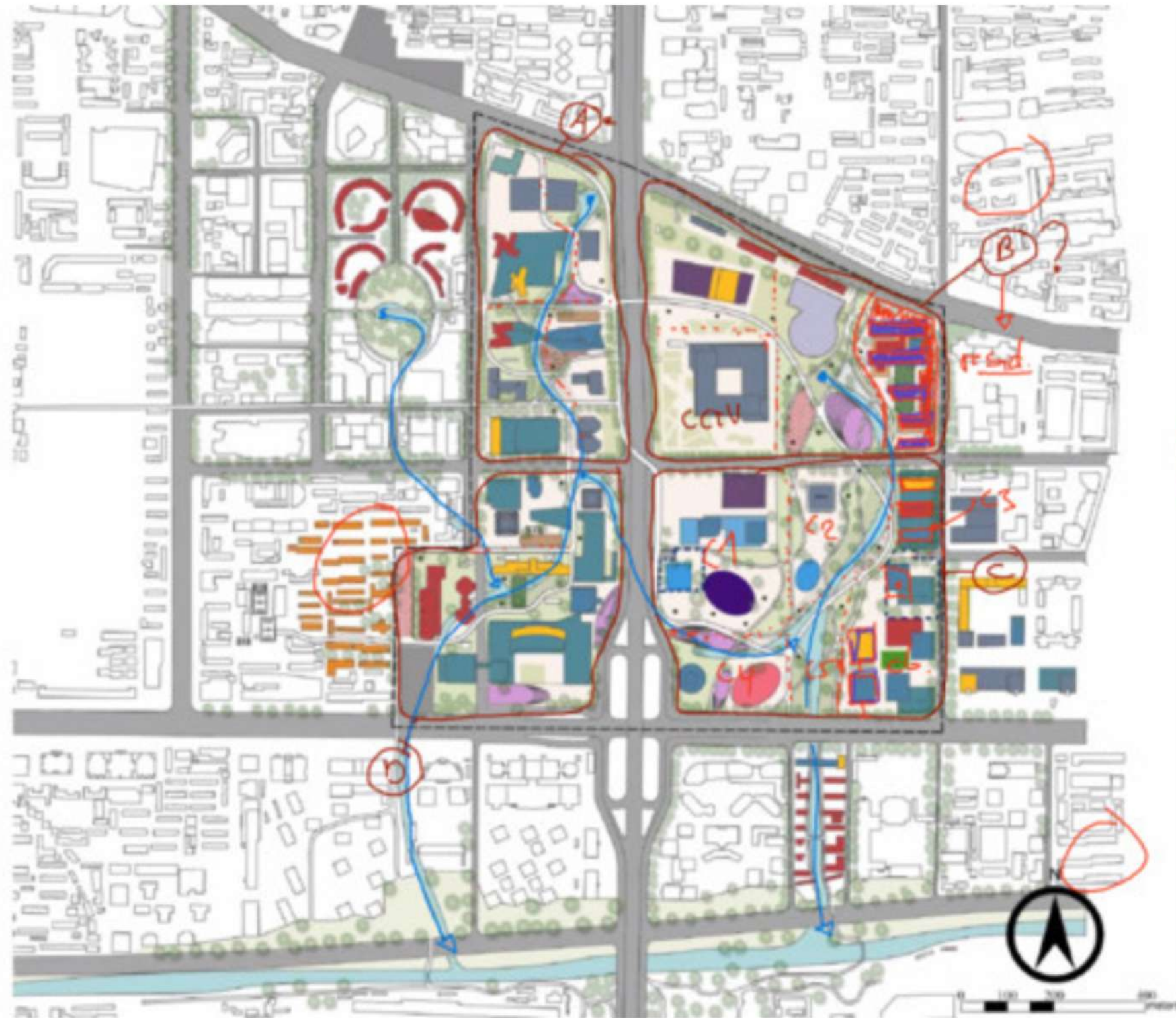


14-4 (Direction: East)



Yes, we use Zoom





- A pad/tablet is important (e.g. Wacom or Microsoft Surface)

Annotation functions allowing various participants to simultaneously draw and comment on the shared screen



Comments of each class

**W1 TUE**

20200218
Sharing Cities
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[Download](#)**W5 TUE**

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To avoid misunderstanding,
the design tutors sent a summary of combined comments and
sketches in our WeChat group, immediately after our online session

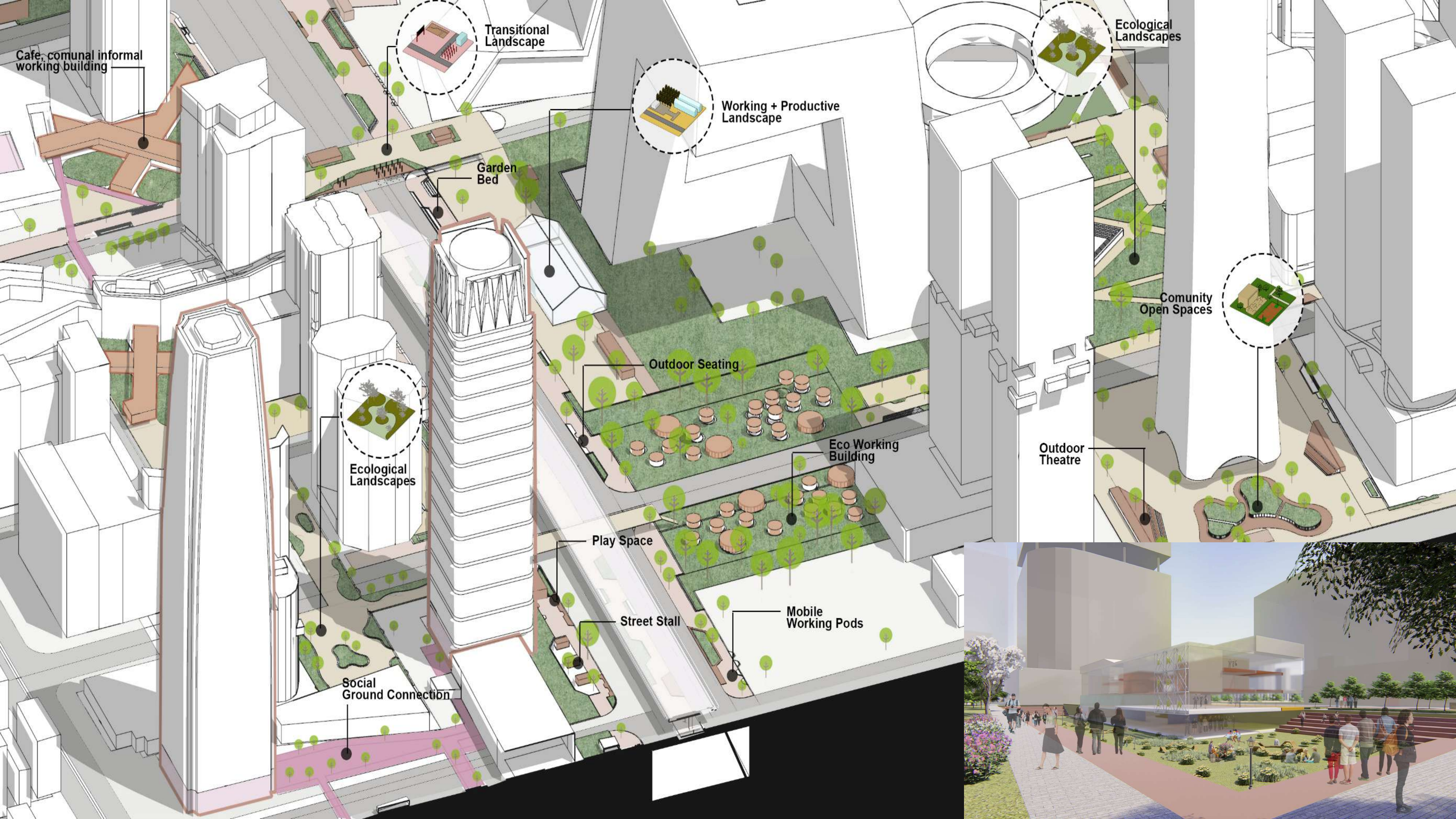
Facilitating students outside studio sessions

We had aimed to tackle this by having our students work in small groups of 4-5 students, in relatively similar time zones so that interaction would be easy and consistent.

We guided students to find their own methods of online teamwork, through Google Docs for PowerPoint presentation work, and Dropbox file sharing.

We also encouraged students to schedule video based discussions outside of studio-hours.

Group	国籍	Current location
1 work	马来西亚	Malaysia
1 work	印度	India
1 work	美国	China
1 work	澳大利亚	China
2 living	卢旺达	China
2 living	哥伦比亚	switzerland
2 living	意大利	Italy
2 living		Portugal
3 mobility	新西兰	New Zealand
3 mobility	泰国	Thailand
3 mobility	菲律宾	Philippines
3 mobility	马来西亚	Malaysia
4 green infrastr	墨西哥	Mexico
4 green infrastr		Portugal
5 public service	丹麦	Denmark
5 public service	加纳	Ghana
5 public service	印度尼西亚	Indonesia





Kathrine Huang, based in New Zealand mentioned how through “the lack of interaction and physical presence, we may tend to lose our drive and be less productive, as it creates a sense of isolation” .

Tsunxian Lee, based in Malaysia, agreed that, “without the physical meeting and normally intensive studio discussion, we tend to lose drive, become lazy, and eventually underperform, no matter how good we are” .

Thomas Møllergaard: “... we have turned the situation around, into a good learning experience. We are almost able to work a 24/7 work cycle, due to being in 3 different time zones, when we need to make a deadline.” He adds that, “all together, I believe this situation is teaching us things beyond architecture. We’re learning to be more independent, to plan and organize, communicate with each other and understand the situation we each face ...

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Tips for Design Studio Teaching in the Age of COVID-19

Save this article



Written by **Martijn de Geus** about 12 hours ago

Since the recent **COVID-19** quarantine restrictions were enforced, social media has been filled with images of employees working from home, students transitioning to home-school learning, and friends and family socializing via Skype calls and Zoom meetings. With the outpouring of tips for how to **work from home**, and how to keep a regular routine during these certain times, many people are questioning how to create a long term plan for online studio design instruction.




This article aims to provide some practical tips to schools and students around the globe based on our experience with online design studio teaching in our Master program at **Tsinghua University's** School of Architecture since February.

Our studio is a 16-week long design studio that is broken up in two parts, an 8-week urban design component, and a 8-week green-building design task based on the output of the first 8 weeks. Consisting of a group of 17 students based in 15 countries on 6 continents, and 4 tutors based in Beijing, our studio set out to investigate the spatial impact of technology and a changing lifestyles in the modern city in the heart of Beijing.

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作者 **Martijn de Geus** | 译者 **Milly Mo** 2天之前

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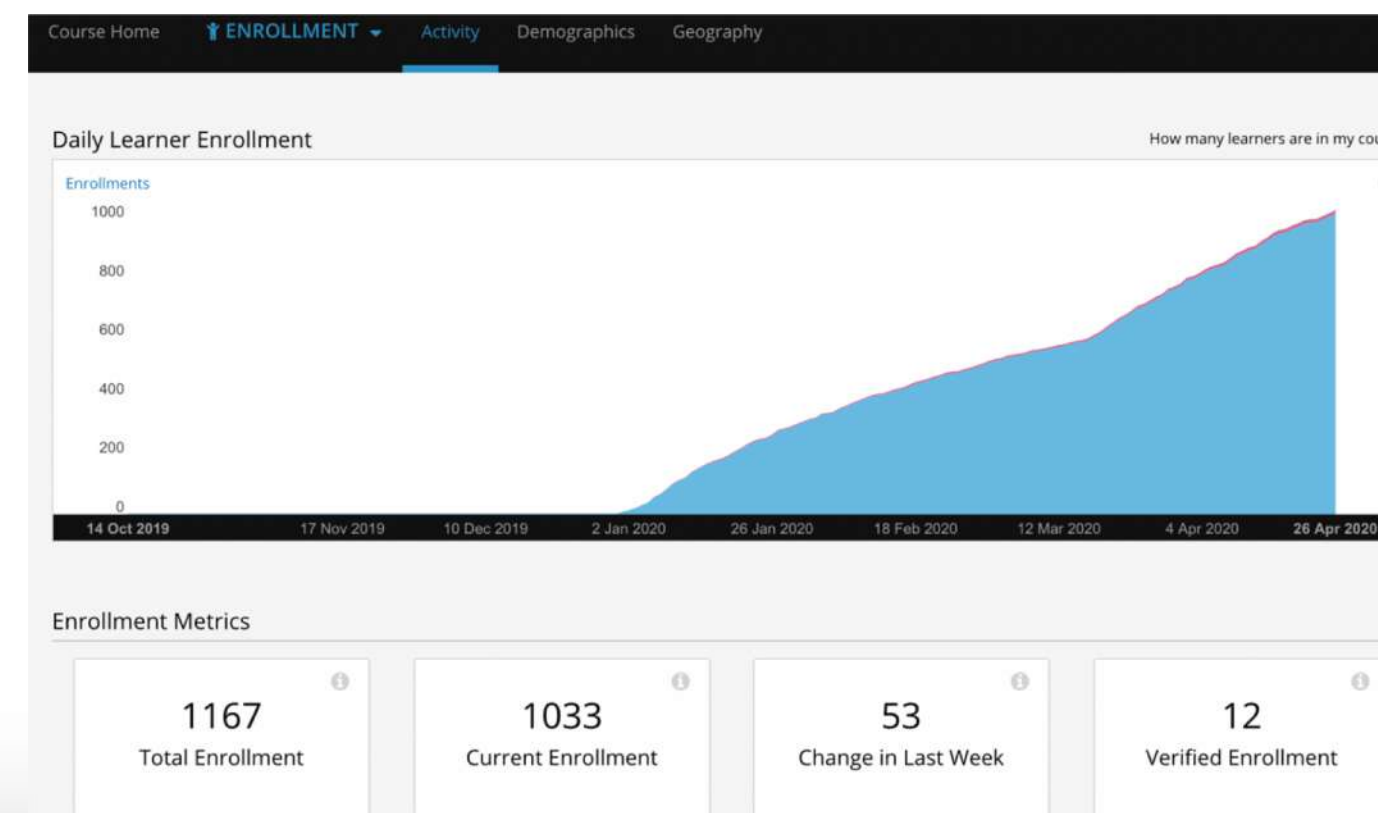

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1,167 enrolled as of April 28, 2020

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2020年7月15日

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在此日期之后, 课程内容将被存档。

大数据与城市规划

2020春

开课时间：2020-02-03 至2020-07-15

43872人已报名



加入学习

课程介绍

本课程秉承技术方法与城市研究与规划并重的原则，既侧重大数据技术方法的讲解（如数据获取、处理、分析、统计与可视化），又重视城市量化研究和规划设计领域的应用。课程共分为概述篇、技术篇、数据篇、应用篇和展望篇。欢迎选用2019年1月中国建筑工业出版社出版的《城市规划大数据理论与方法》配合本MOOC课程学习（已经全网上线，<https://item.jd.com/41422586456.html>）。

15,635 enrolled during this term
as of April 28, 2020



新城市科学

2020春

开课时间：2020-03-15 至2020-07-31

3222人已报名



加入学习

课程介绍

新城市科学课程，核心关注科技与城市（TECH+CITY），既是新的“城市科学”，即方法层面利用新数据、新方法和新技术研究经典城市，也是“新城市”的科学，即认识层面研究受到颠覆性技术影响的“新”城市。本在线课程分为概述、技术、应用与展望篇四个模块共13次课系统地介绍新城市科学的最新研究进展。

3,222 enrolled during this term
as of April 28, 2020



Patagonia

A wide-angle landscape photograph of Patagonia. In the foreground, a calm lake reflects the sky and the surrounding mountains. A large, white glacier flows from the mountains down towards the lake. The mountains are rugged and covered in snow, with some peaks illuminated by a warm, golden light, suggesting sunrise or sunset. The sky is a mix of blue and orange, with some clouds. The overall scene is majestic and serene.

Thanks for your attention