



CRE MONTHLY BRIEF JULY 2022

JOURNAL PUBLICATIONS+

01
Management Science
[Juan Palacios'](#) paper "[Indoor Air Quality and Strategic Decision Making](#)" was accepted by *Management Science*.

02
Environment + Planning B: Urban Analytics + City Science
The paper, "[Physical geography and traffic delays: Evidence from a major coastal city](#)" co-authored by [Albert Saiz](#) and [Luyao Wang](#) is published in *Environment and Planning B: Urban Analytics and City Science*.

03
Environmental + Resource Economics
[Siqi Zheng](#) co-authored, "[Air Pollution and Housing Values in Korea: A Hedonic Analysis with Long-range Transboundary Pollution as an Instrument](#)" with [Kyung-Min Nam](#), [Yifu Ou](#), and [Euijune Kim](#). The paper is published in *Environmental and Resource Economics*.

04
Handbook of Real Estate Macroeconomics
[Siqi Zheng's](#) paper, "[Industrial parks and urban growth: a political economy story in China](#)" is a published chapter in *Handbook of Real Estate Macroeconomics*. Co-authors: [Matthew E. Kahn](#), [Jianfeng Wu](#), and [Weizeng Sun](#).

MIT/CRE WORKING PAPER SERIES+

01
Housing + Extreme Weather
The paper, "[Health Implications of Housing Programs: Evidence from a Population-Wide Weatherization Program](#)" co-authored by [Steffen Künn](#) and [Juan Palacios](#) asks the question, "Can better housing protect us from extreme weather conditions?" The findings have strong policy implications and can enrich cost-benefit analysis of public investments in weatherization programs.



ACADEMIC+INDUSTRY PROGRAMS

Professor [Albert Saiz](#) in collaboration with [La Haus](#), a Colombian housing start-up, is examining housing demand in Mexico. Professor Saiz [presented his research](#) at a real estate conference in June in Mexico City, which garnered strong media attention across Latin America.

→ In late June, the Real Estate Exchange Jumpstart Program (REEX) was held on-campus for the first time since 2019. The program, facilitated by CRE Career Development Officer [Kelly Cameron Ed.D.](#), aims to address the dearth of African Americans and Latinx working within commercial real estate. This year the Center joined with Harvard University to create an impactful two-week exploration of the real estate industry for 30 high schoolers across the US. [Read the highlights](#).

→ As interest in the Metaverse grows, the real estate industry is exploring the challenges and opportunities it presents. [Steve Weikal](#), industry chair of the Center's new Real Estate Technology Initiative (RETI), recently presented in Orlando to a group of global partners from Center Member Goodwin, and also presented in Nashville to global asset managers from PGIM, about the various technologies that enable the Metaverse and what they mean for commercial real estate.

→ [Steve Weikal](#), also recently moderated a panel discussion at the annual DLA Real Estate Summit in Chicago. The conversation focused on technology and innovation to address energy, environmental, and climate issues for commercial real estate assets. The session included [Ben Myers](#), VP of sustainability for Center member Boston Properties, and [Marna McDermott](#), director of sustainability at Exelon Corporation.

→ The upcoming fall [CRE Research Seminar Series](#) will begin September 13! These seminars featured distinguished scholars in the real estate finance field and provided a rigorous discussion platform for basic research. The upcoming fall seminar speakers will be announced soon. To subscribe to the CRE Research Seminar mailing list, [click here](#).

→ The rise of new trends — and acceleration of existing trends — are having a significant impact on the infrastructure and real estate sector. Whether you're investing in, developing, or managing real estate assets, a fresh approach is needed to ensure success. The [MIT School of Architecture and Planning](#) and the [MIT Center for Real Estate's](#) collaboration with GetSmarter enables you to develop the knowledge, tools, and skills you require to meet the changing needs of this industry. Find a course suited to your unique context, and experience an online learning environment that is high-touch and personalized for the working professional.

August 17, 2022
[Commercial Real Estate Analysis and Investment](#)
Assess the financial viability of real estate development projects, and gain the tools to evaluate and manage a property portfolio based on economic principles and data.

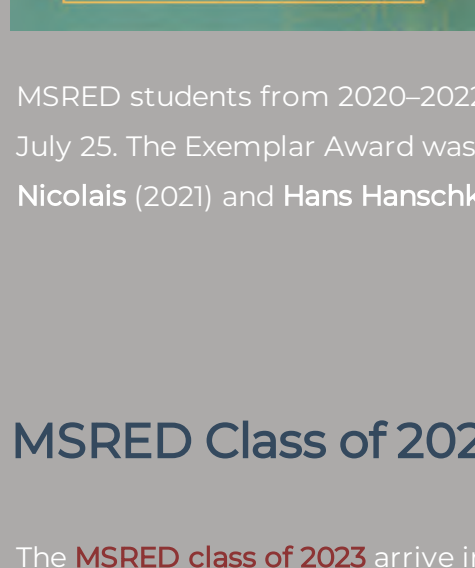
[Real Estate Financial Analytics](#)
A rigorous introduction to financial modeling, leverage investment flexibility to manage and take advantage of uncertainty.

Returning Fall 2022
[Real Estate Development: Planning and Process](#)
An overview of the complex relationship between the public and private sectors in real estate development and planning. Guided by expert MIT faculty, learn to create new opportunities to develop innovative partnerships that drive the transformation of cities.

[Self-Driving Cars and the Future of Real Estate](#)
Develop the ability to leverage trends in micro-mobility, on-demand mobility, and self-driving vehicles for real estate investment opportunities.

[Data Science in Real Estate](#)
Harness data to make better investment decisions and identify new real estate opportunities. Walk away with the fundamental tools to predict and explain property performance.

MSRED+ALUMNI UPDATES



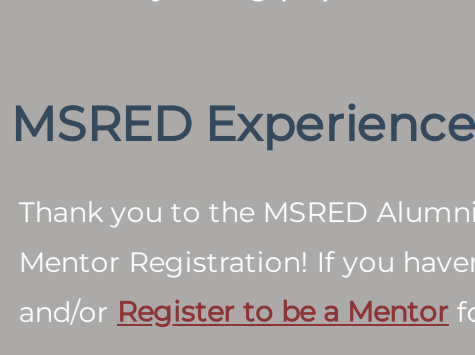
Celebration Dinner

MSRED students from 2020–2022 celebrated their completion of the program at Samberg Center on July 25. The Exemplar Award was presented to [Himanshu Tiwari](#) (2022); Thesis award winners are [Teo Nicolais](#) (2021) and [Hans Hanschke](#) (2022). *Congratulations to all MSRED graduates!*

MSRED Class of 2023

The [MSRED class of 2023](#) arrive in August for orientation on August 29; classes begin September 7.

- [Sign up for a mentor](#) – Deadline is August 5.
- Interested in fall campus work opportunities? Email [Mary Hughes](#): mchughes@mit.edu



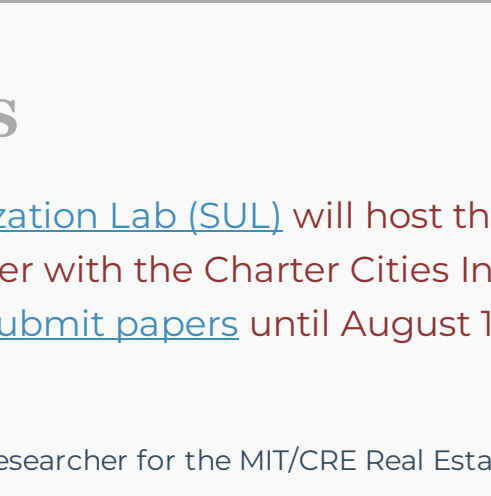
Several MSRED alumni took part in the [REEX program this past June](#). *Thank you!*

- [Canan Safar](#) ('12) presented on Land Use & Zoning during REEX. In addition to the lecture, she served as a capstone juror at the end of the program.
- [Amanda Strong](#) ('02) lead a campus tour of MIT and real estate gaming exercise in the corporate office of MITIMCo.
- [Marcella Barriere](#) ('13), participated as a member of the program planning team and fireside chat contributor.
- [Weijia Song](#) ('18) served as our pre-capstone presentation advisor.

MSRED Experience

Thank you to the MSRED Alumni who participated in our recent MSRED Experience Survey and/or Mentor Registration! If you haven't yet shared your feedback, please take our [2-min survey](#) and/or [Register to be a Mentor](#) for the 2023 MSRED cohort (Deadline: August 5).

If you're interested in other engagement opportunities or to share news with us, please write to: mit-cre@mit.edu



LAB+PI UPDATES

The [Sustainable Urbanization Lab \(SUL\)](#) will host the first [New Cities Conference](#) on October 1 + 2, together with the Charter Cities Institute (DC). There is time to [submit papers](#) until August 1, 2022.

→ [James Scott](#), Director and Researcher for the MIT/CRE Real Estate Technology Initiative, gave a presentation on "Innovation Programs: Creating Agile Enterprises That Accelerate Impactful Change" at [Realcomm 2022](#), alongside [Sara Shank](#), Global Head of Innovation for PGIM Real Estate. This session presents organizations who have implemented various innovation programs to discuss their successes and challenges.

→ [Dr. Simon Büchler](#), the Acting Director of MIT/CRE's [Price Dynamics Platform](#) presented his paper "[The Local Effects of Relaxing Land-Use Regulation on Housing Supply and Rents](#)" (with [Elena Lutz](#)) at three international conferences:

- American Real Estate and Urban Economics Association (AREUEA) International Conference in Dublin
- 6th Institut d'Economia de Barcelona (IEB) Workshop on Urban Economics in Barcelona
- 28th European Real Estate Society (ERES) Annual Conference in Milan

→ For [Goodwin's Path to Tomorrow](#) webinar series, [James Scott](#) presented on opportunities that exist within the 5G ecosystem. What exactly is it? What challenges exist in the deployment of 5G? How and when will those challenges be overcome, and what will the impact of 5G on our build environment and lives will potentially be longer term? Panel included [Luke Lucas](#) of T-Mobile, [Arie Barendrecht](#), Founder of WiredScore and [Evan Regan-Levine](#), Executive Vice President at JBG Smith.

GIVING



STAY CONNECTED



QUESTION?

