



**David C. Lincoln Fellowship Symposium:
Measuring the Value of Land**

January 28-29, 2021
Online through Zoom

Preliminary Agenda

All times listed below are in Eastern Standard Time (UTC-5)

Thursday, January 28, 2021

- 9:15 – 9:30 a.m.** **Introductions**
- 9:30 – 10:00 a.m.** **Overview of Maricopa County Data and Land Valuation**
- *Jennifer Rearich*, Maricopa County Assessor's Office
- 10:00 – 10:30** **A Matching Method of Land Valuation**
- *Jeffrey Zabel*, Tufts University
- 10:30 – 11:00** **Land Valuation Using a Mix of Hedonic and Depreciated Cost Methods**
- *Steven Bourassa*, Florida Atlantic University and *Martin Hoesli*, University of Geneva
- 11:00 – 11:15** **Break**
- 11:15 – 11:45 p.m.** **Implications of Irreversibility for Land Residual Estimates of Growth in Urban Land Values**
- *John Clapp*, University of Connecticut and *Thies Lindenthal*, University of Cambridge
- 11:45 – 12:15 p.m.** **A Modern Approach to Land Valuation: An Application of Artificial Neural Networks**
- *Zhou Yang*, Robert Morris University
- 12:15 – 12:45 p.m.** **Break**
- 12:45 – 1:15 p.m.** **A Statistical Learning Approach to Land Valuation: Optimising the Use of External Information**
- *David Albouy*, University of Illinois at Urbana-Champaign and *Minchul Shin*, Federal Reserve Bank of Philadelphia
- 1:15 – 1:45 p.m.** **Land Values and Machine Learning**
- *Erik Johnson*, University of Alabama
- 1:45 – 3:00 p.m.** **Panel Discussion with Practitioners on Implementation**
- Panelists: *Paul Bidanset*, IAAO, *Aleksandrs Elkins*, Latvian State Land Service, *Carmela Quintos*, NYC Department of Finance, *Jennifer Rearich*
- Moderator: *Ron Rakow*, Lincoln Institute of Land Policy

Friday, January 29, 2021

- 9:00 – 9:30 a.m. Land Value Estimation in Maricopa County, AZ: A Space-Time Local Regression Approach**
- *Jeffrey Cohen*, JPC Milo Consulting LLP
- 9:30 – 10:00 a.m. Land Valuation Using Public Records and Kriging: Implications for Land Versus Property Taxation in Cities**
- *William Larson* and *Jessica Shui*, Federal Housing Finance Agency
- 10:00 – 10:30 a.m. Automated Land Valuation in Maricopa County, Arizona, USA**
- *Risto Peltola*, National Land Survey of Finland
- 10:30 – 11:00 p.m. Estimating Land Values Using Residential Sales Data**
- *Christian Redfearn*, University of Southern California Sol Price School of Public Policy
- 11:00 – 11:30 p.m. Lunch Break**
- 11:30 – 12:00 p.m. Parcel-Specific Land Valuation at the Metropolitan Scale: An Option Theoretic Approach**
- *Kerry Vandell*, University of California-Irvine and *Arsenio Staer*, California State University Fullerton
- 12:00 – 12:30 p.m. Presentation on Using Teardowns Method to Value Land**
- *Ruchi Singh*, University of Georgia and *Daniel McMillen*, University of Illinois at Chicago
- 12:30 – 12:45 p.m. Break**
- 12:45 – 2:00 p.m. Presentation and Discussion: What Have We Learned and Where Do We Go from Here**
- *Daniel McMillen*, University of Illinois at Chicago