

# SERENA (SEO YOUNG) KIM

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[Webpage](#) · [CU Faculty](#) · [GitHub](#) · [Google Scholar](#)

## ACADEMIC POSITIONS

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<b>University of Colorado Denver</b> <i>Scholar in Residence</i>	<b>Denver, CO</b> 2019 - Present
<b>Florida State University</b> <i>Research Assistant</i>	<b>Tallahassee, FL</b> 2015 - 2018

## EDUCATION

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<b>University of Colorado Boulder</b> M.S. Student, Computer Science Department of Computer Science Courses Taken: <i>Data Mining, Natural Language Processing, Geographic Information Systems</i>	2019 - Present
<b>Florida State University</b> Ph.D., Public Administration Askew School of Public Administration and Policy Dissertation: <i>Essays on U.S. Renewable Energy and Sustainability Policy</i>	2019
<b>Seoul National University, Seoul, South Korea</b> M.A., Public Administration	2014
<b>Yonsei University, Seoul, South Korea</b> B.A., Economics B.A., Public Administration	2012

## RESEARCH INTERESTS

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Energy Policy, Environment and Health, Collective Action, Computational Social Science

## PUBLICATIONS

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### Peer-Reviewed Journal Articles

1. William L. Swann, Sojeong Kim, **Serena Y. Kim**, & Terri L. Schreiber. "Urban-Rural Disparities in Opioid Use Disorder Prevention and Response Activities: A Cross-Sectional Analysis." *Journal of Rural Health*. doi: 10.1111/jrh.12491. (2020)
2. **Serena Y. Kim**, "Institutional Arrangements and Airport Solar PV." *Energy Policy*. doi: 10.1016/j.enpol.2020.111536. (2020)
3. **Serena Y. Kim**, William L. Swann, Christopher M. Weible, Thomas Bolognesi, Rachel M. Krause, Angela Y. S. Park, Tian Tang, Kiernan Maletsky, & Richard C. Feiock. "Updating the Institutional Collective Action." *Policy Studies Journal*. doi: 10.1111/psj.12392. (2020)

4. William L. Swann, Terri L. Schreiber, Steven Wright, Mark W. Davis, Sojeong Kim, **Serena Y. Kim**, Alex Osei-Kojo, & Megan Lamiotte. "Local Policy Activity and Commitment to Addressing the US Opioid Crisis: A Cross-Sectional Survey of County Governments." *Journal of Public Health Management & Practice*. doi: 10.1097/phh.0000000000001194. (2020)
5. William L. Swann, Dan Graeve, Shelley McMullen, & **Serena Y. Kim**. "Balancing Autonomies in Sustainability Planning: A Case Analysis of Colorado Cities." *Urban Planning* 4(4): 98-110. doi: 10.17645/up.v4i4.2384. (2019)
6. Min Gyo Koo, & **Seo Young Kim**. 2018. "East Asian Way of Linking the Environment to Trade in Free Trade Agreements." *The Journal of Environment & Development* 27(4): 273-292. doi: 10.1177/1070496518794234. (2018)
7. William L. Swann, & **Seo Young Kim**. "Practical Prescriptions for Governing Fragmented Governments." *Policy & Politics* 46 (2): 273-292. doi: 10.1332/030557318X152300587209794. (2018)

### Working Papers

8. **Serena Y. Kim**, Koushik Ganesan, Princess Dickens, & Soumya Panda. "Public Sentiment Toward Solar Energy: Opinion Mining of Twitter Using a Transformer-Based Language Model." [arXiv:2007.13306](https://arxiv.org/abs/2007.13306). *Submitted*.
9. **Serena Y. Kim**. "Make-or-Buy Decisions in Airport Solar Financing: A Transaction Cost Approach." *Submitted*.

### Book Chapters, Essays, and Other Publications

- **Serena Y. Kim**, William L. Swann, & Richard C. Feiock. "Collective Learning and Institutional Collective Action in Fragmented Governance." In *Knowledge for Governance*. Vol 15. Knowledge and Space, edited by Johannes Glückler, Gary Herrigel, & Michael Handke. Berlin, Heidelberg: Springer. doi: 10.1007/978-3-030-47150-7. (2020)
- William L. Swann & **Seo Young Kim**. 2018. "Strategies for Collaborating in Fragmented Governments." *Policy and Politics Journal Blog*. (2018)

## PRESENTATIONS AND TALKS

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### Research Conferences

- "Understanding Policy Commitment to Combating the Opioid Crisis"  
Association for Public Policy Analysis and Management, Denver, CO November, 2019
- "Financing Arrangements for Airport Solar Photovoltaic Projects"  
American Society for Public Administration, Denver, CO March, 2018
- "Explaining Intra-Governmental Competition in Sustainability Policy"  
Southern Political Science Association, New Orleans, LA January, 2017
- "Intra-Governmental Competition and Collaboration on Sustainability"  
Association for Public Policy Analysis and Management, Washington DC November, 2016

### Campus/Invited Talks

- "Nonresponse Bias and Survey Weights"  
The Schreiber Research Group, Denver, CO May, 2020

- “Institutional Collective Action (ICA) Framework”  
The Larremore Lab, University of Colorado Boulder, Boulder, CO April, 2020
- “Geographic Information System (GIS) for Public Policy Research”  
School of Public Affairs, University of Colorado Denver, Denver, CO November, 2019
- “Recalibrating the Institutional Collective Action (ICA) Approach”  
Local Governance Research Lab, Florida State University, Tallahassee, FL September, 2019
- “Assumptions of Logistic Regression and the Alternatives”  
School of Public Affairs, University of Colorado Denver, Denver, CO January, 2018
- “Practical Prescriptions for Governing Fragmented Governments”  
School of Public Affairs, University of Colorado Denver, Denver, CO May, 2017

## TEACHING

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### University of Colorado Denver

Research and Analytic Methods (PUAD 5003)	2019 – 2020 (6 sections)
Evidence-Based Decision-Making (PUAD 5008)	2019 – 2020 (3 sections)
Public Policy Analysis (PUAD 5320)	2019 – 2020 (2 sections)
Public Policy Process (PUAD 5005)	Spring 2020 (1 section)

## SERVICE

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### PhD Dissertation Committees

Kristin Wegner, Public Administration, University of Colorado Denver	2020 – Present
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### Master’s Thesis and Capstone Committees

Amber Hentges, MPA Thesis, University of Colorado Denver	Fall 2020
Jacqueline Hazelwood, MPA Capstone, University of Colorado Denver	Fall 2020
Arielle Hodgson, MPA Capstone, University of Colorado Denver	Fall 2020
Daniel Diorio, MPA Capstone, University of Colorado Denver	Spring 2020
Kiernan Maletsky, MPA Capstone, University of Colorado Denver	Spring 2020
André M. Stafford, MPA Capstone, University of Colorado Denver	Fall 2019
Lindsay Miller, MPA Capstone, University of Colorado Denver	Fall 2019
Hannah Shaw, MPA Capstone, University of Colorado Denver	Spring 2019
Quingchun Wang, MPA Capstone, University of Colorado Denver	Spring 2019

## FUNDING

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### Teaching Grants

- “Public Data for Public Good: Using Geospatial Data to Analyze Housing and Crime Issues”  
Teaching Enhancement Grant, University of Colorado Denver, \$2,750 2020 – 2021

### Research Assistance

- “SRN: Integrated Urban Infrastructure Solutions for Environmentally Sustainable, Healthy, and Livable Cities” (NSF - CBET Grant No. 1444745)  
Research Assistant, Florida State University, \$25,880 2015 – 2018
- “Integrated City Sustainability: Administrative Apparatus for Overcoming Collective Dilemmas of Agency Fragmentation” (NSF - SES Grant No. 1461460)  
Research Assistant, Florida State University, \$17,253 2015 – 2017

## CERTIFICATIONS, TRAINING, AND PROFICIENCY

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### Certifications

Spatial Data Science: The New Frontier in Analytics, *ESRI ArcGIS*. 2020

Integrated Infrastructure Solutions for Sustainable, Healthy, and Livable Cities, *SRN*. 2018

### Training

Community of Practice: Large Online Classes, University of Colorado Denver. 2019

Oline Skills Mastery (OSM), University of Colorado Denver. 2019

Responsible Conduct of Research Training, *CITI Program*. 2018

### Proficiency

Main working languages and tools	Python, R, STATA, ArcGIS, HTML/CSS, Tableau, Git, T <sub>E</sub> X
Other languages and tools	MATLAB, QGIS, NVivo, Power BI, MS Office, SPSS
Graphic editing	Adobe Photoshop (intermediate), Adobe Illustrator (beginner)
Languages	Korean (native), English (fluent), Japanese (conversational)