

# Inhwan Ko

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Research Interests	International Political Economy, Methods (Statistics and Experiments), Renewable Energy, Climate Change (Justice, Treaties, Adaptation, and Finance)	
Education	<b>University of Washington, Seattle (2019-)</b> <i>Ph.D. Candidate</i> , Political Science (2022) <i>M.A.</i> , Political Science (2021) Dissertation: <i>Landscape Disruption and Perceived Urban Bias in Climate Policy: Drivers of Rural Opposition to Solar Energy in South Korea</i> Committee: Aseem Prakash (Chair), Nives Dolšak, Asli Cansunar Fields: International Relations, Political Economy, Political Methodology  <b>Yonsei University, Seoul (2011-2019)</b> <i>M.A.</i> , Political Science (2017-2019) <i>B.A.</i> , Political Science (2011-2017) <i>Bachelor of Interdisciplinary Studies</i> , Science, Technology, and Society	
Peer-Reviewed Publications	<b>Ko, Inhwan.</b> <a href="#">2023</a> . "Rural opposition to landscape change from solar energy: Explaining the diffusion of setback restrictions on solar farms across South Korean counties." <i>ENERGY RESEARCH &amp; SOCIAL SCIENCE</i> 99: 103073. ( <a href="#">Replication materials</a> )  <b>Ko, Inhwan</b> , Nives Dolšak, and Aseem Prakash. <a href="#">2022</a> . "Have renewable energy leaders announced aggressive emission reduction goals? Examining variations in the stringency of country-level net-zero emission pledges." <i>PLOS CLIMATE</i> 1(11): e0000094. ( <a href="#">Replication materials</a> )  <b>Ko, Inhwan</b> , and Taedong Lee. <a href="#">2022</a> . "Carbon pricing and decoupling between greenhouse gas emissions and economic growth: A panel study of 29 European countries, 1996-2014." <i>REVIEW OF POLICY RESEARCH</i> 39(5): 654-673. ( <a href="#">Replication materials</a> )  <b>Ko, Inhwan</b> , and Aseem Prakash. <a href="#">2022</a> . "Signaling climate resilience to municipal bond markets: Does membership in adaptation-focused voluntary clubs affect bond rating?" <i>CLIMATIC CHANGE</i> 171(9): 1-19. ( <a href="#">Replication materials</a> )	

	<p><b>Ko, Inhwan</b>, Haye Choi, and Sinjae Kang. 2021. "Analyzing conflict patterns among legislators with automated text analysis: Cases of Environmental &amp; Labor Committee and Health &amp; Welfare Committee of the 17-20th National Assembly of Korea." <i>KOREAN PARTY STUDIES REVIEW</i> 20(1): 5-42. (<a href="#">in Korean</a>) (<a href="#">Replication materials</a>)</p>
Current Projects	<p><b>Ko, Inhwan</b>, and Aseem Prakash. "Science-based emission targets neither hurt nor improve stock prices of S&amp;P 500 companies." (<a href="#">Replication materials</a>)</p> <p><b>Ko, Inhwan</b>. "Who supports subsidizing renewable energy via an electricity surcharge? Evidence from an online survey in South Korea." (<a href="#">Replication materials</a>) (<a href="#">Pre-study</a>)</p> <p><b>Ko, Inhwan</b>. "Do perceptions of urban bias in solar energy drive rural opposition to solar farms? A survey experiment in South Korea." (<a href="#">Pre-study</a>)</p> <p><b>Ko, Inhwan</b>, Nives Dolšak, and Aseem Prakash. "Are wind turbines the new smokestacks? Restrictive renewable energy land-use ordinances across U.S. counties, 2010-2022."</p>
Public Scholarship	<p>"<a href="#">Net-zero emission pledges may not lead to full decarbonization</a>," <i>THE REGULATORY REVIEW</i>, February 2023 (with Nives Dolšak and Aseem Prakash)</p> <ul style="list-style-type: none"> <li>- Featured in <a href="#">Reputation</a>, Oxford University Centre for Corporate Reputation, March 2023</li> </ul> <p>"<a href="#">Are net-zero emission pledges credible?</a>" <i>THE REGULATORY REVIEW</i>, December 2020 (with Nives Dolšak and Aseem Prakash)</p> <ul style="list-style-type: none"> <li>- Republished as Editor's Choice, August 2022</li> <li>- Republished as Editor's Choice, September 2021</li> </ul>
Awards and Fellowships	<p>Taraknath Das Prize for Best Graduate Paper in Comparative &amp; International Politics, UW Political Science, 2022</p> <p>Richard B. Wesley Fellow in Environmental Politics and Governance, 2021-2022</p> <p>Honorable Mention, Renewable Energy Scholarship Foundation, 2022</p> <p>Clean Energy Institute Graduate Fellowship, UW, 2021-2022</p> <p>BK (Brain Korea) 21+ Scholarship for Excellent Research Proposal and Progress, Ministry of Education of Korea, 2017-2019</p> <p>Best Research Paper, Seoul National University Asia Center, 2019</p> <p>Best Research Paper, Korea Environmental Policy &amp; Administration Society, 2018</p>
Research Grants	<p>KDI School of Public Policy and Management, 2023 (\$1,500)</p> <p>Center for Environmental Politics, UW, 2022 (\$1,000)</p> <p>David J. Olson Research Grant, UW Political Science, 2022 (\$3,000)</p> <p>Peter May Research Grant, UW Political Science, 2021 (\$3,000)</p>

Book Chapters	<b>Ko, Inhwan.</b> 2019. "Climate Clubs: Introduction and Critique." In Taedong Lee (ed.), <i>Climate Change and World Politics</i> , World Politics Series No. 31, Institute of International Studies, Seoul National University. ( <a href="#">in Korean</a> )
Conference Presentations	International Studies Association (2019, 2021, 2023) American Political Science Association (2021) West Political Science Association (2021) Midwest Political Science Association (2021, 2023) Environmental Politics & Governance (2020) Korean Political Science Association (2022) Korea Environmental Policy and Administration Society (2018)
Invited Talks	Environmental Policy Student Association, UW, 2023 Department of Public Administration, Chungbuk National University, 2022 Graduate School of Science and Technology Policy, KAIST, 2022 People for Earth Forum, <a href="#">2022</a> Severyns Ravenholt Seminar in Comparative Politics, UW, <a href="#">2021</a> "Coping with Climate Grief: A Panel Discussion on Eco-Anxiety," UW Library, <a href="#">2021</a>
Research Experience	Graduate Research Assistant, Center for Studies in Demography & Ecology, UW, 2022- Visiting Scholar, Energy Transition Forum Korea, 2021-2022 Research Fellow, National Assembly Future Institute, Korea, 2020 Research Assistant, Ministry of Environment, Korea, 2018-2019 - Project Title: "Credibility Enhancement of Decision-Making Support System for Climate Adaptation Technology and Policies" Research Assistant, Seoul National University Asia Center, 2017-2019 - Project Title: "Comparative Politics of Nuclear Energy in Asian Countries: Building Up and Testing a Theory of Nuclear Energy Developmental State"
Teaching Experience	<b><i>Graduate-Level Courses</i></b> POL/CSSS 512 Time Series and Panel Data for Social Sciences (Prof. Chris Adolph) POL/CSSS 510 Maximum Likelihood Methods for Social Sciences (Prof. Chris Adolph)  <b><i>Undergraduate-Level Courses</i></b> POL 407 International Conflict (Prof. Elizabeth Kier) POL 328 International Organization (Prof. Geoffrey Wallace) POL 270 Introduction to Political Economy (Prof. Anthony Gill)

POL 203 Introduction to International Relations (Prof. Geoffrey Wallace)

External Services	Judge, Behavioral Sciences Section, Central Sound Regional Science and Engineering Fair (2022, 2023) Graduate Chair, 8th <a href="#">Duck Family Colloquium Series</a> & <a href="#">Annual Seattle Graduate Workshop in Environmental Politics and Governance</a> , UW Center for Environmental Politics, 2021-2022 <a href="#">Graduate Steering Committee Member</a> , Program on Climate Change, UW, 2021-Member, <a href="#">Youth Climate Emergency Action</a> of South Korea, 2021-Steering Committee Member, Korean Youth Climate Change Network " <a href="#">BIGWAVE</a> ," 2016-2021 Panel and Editor, Korean Climate Change Podcast " <a href="#">KIDEARA</a> ," 2017-2019
Methodological Skills	Qualitative: Process Tracing, Semi-Structured & Focus Group Interviews Quantitative: Time-Series and Cross-Sectional Analysis, Maximum Likelihood Estimation, Causal Inference, Bayesian Regression, Text-as-Data, Spatial Analysis, Experimental Design Software: R, LaTeX, Python, Stan
Language	Korean (Native), English (Proficient), Japanese (Intermediate)