

Course: Institutional Grammar Coding Foundations & Applications
 Instructors: Seth Frey, Christopher Frantz,
 Saba Siddiki, Ute Brady
 University: U.C. Davis, Norwegian University of Science and Technology;
 Syracuse University
 Meeting time: Tuesdays, 8-9 a.m. Pacific | 11 a.m.-12 p.m. Eastern
 Meeting place: [Zoom](#) | Meeting ID: 940 0557 8001 | Passcode: 854382

Class session ¹	Topic	Reading assignments	Live training	Homework
Nov. 3	Intro to text analytics & IG	Readings: <ul style="list-style-type: none"> • Columbia Public Health (2020) “Content Analysis” https://www.publichealth.columbia.edu/research/population-health-methods/content-analysis • Siddiki et al. (2019) “Institutional Analysis with the Institutional Grammar” • Frantz & Siddiki (in review) “Institutional Grammar 2.0: A Refined Specification for Encoding and Analyzing Institutional Design” • Review Sections 2.1-2.3 and 2.5 of the IG 2.0 Codebook Optional: <ul style="list-style-type: none"> • Benoit (2019) “Text as data” • Frantz et al. (2013) “nADICO: A Nested Grammar of Institutions” 	Intro to text analytics & IG 2.0 (Dr. Saba Siddiki & Dr. Christopher Frantz)	--
Nov. 10	Intro to IG 2.0 coding	<ul style="list-style-type: none"> - Review Infographic - Review Sections 4.1-4.2.2, and 5.1 of the IG 2.0 Codebook 	Coding in Excel (General overview)	Code sample regulative statements in Excel
Nov. 17	Intro to IG 2.0	Readings: <ul style="list-style-type: none"> - Where useful for clarification, review relevant codebook sections if needed (2.3, 4.2) 	Reflection on coding regulative statements	Code sample regulative statements in Excel

¹ Dates may vary depending on progress made.

		<ul style="list-style-type: none"> O'Connor and Joffe (2020) "Intercoder Reliability in Qualitative Research: Debates and Practical Guidelines" 		
Nov. 24	Intro to constitutive rules	<ul style="list-style-type: none"> Review Sections 2.6, and 4.3-4.3.2 of the IG 2.0 Codebook 	Reflection/follow up on coding and overview of constitutive rules	--
Dec. 1	Recap and reflection	<p>Readings:</p> <ul style="list-style-type: none"> Crawford and Ostrom (1995) "A grammar of institutions" Ostrom (2011) "Background on the Institutional Analysis and Development Framework" 	<p>Introduction to the Institutional Analysis and Development Framework</p> <p>Recap and reflection of materials covered</p>	Code sample regulative statements in Excel
Dec. 8	Recap and reflection	<p>Reread:</p> <p>Columbia Public Health (2020) "Content Analysis" https://www.publichealth.columbia.edu/research/population-health-methods/content-analysis</p>	<p>Reflection/follow up on coding</p> <p>Discuss intercoder reliability</p> <p>What do the rules tell us about an action situation</p> <p>Recap and reflection of materials covered during the course</p>	--

If you have an interest in applying the institutional grammar, here are more suggested readings:

Basurto, Xavier, Gordon Kingsley, Kelly McQueen, Mshadoni Smith, and Christopher M. Weible. 2010. "A Systematic Approach to Institutional Analysis: Applying Crawford and Ostrom's Grammar." *Political Research Quarterly* 63(3): 523-53.

DOI: <https://doi.org/10.1177/1065912909334430>

Carter, David P., Christopher M. Weible, Saba N. Siddiki, John Brett, and Sara Miller Chonaiew. 2015. "Assessing Policy Divergence: How to Investigate the Difference Between a Law and a Corresponding Regulation." *Public Administration* 93(1): 159-176.

DOI: <https://doi.org/10.1111/padm.12120>

Carter, David P., Christopher M. Weible, Saba N. Siddiki, and Xavier Basurto. 2016. "Integrating Core Concepts from the Institutional Analysis and Development Framework for the Systematic Analysis of Policy Designs: An Illustration from the U.S. National Organic Farming Regulation." *Journal of Theoretical Politics* 28 (1): 159-185.

DOI: <https://doi.org/10.1177/0951629815603494>

- Clement, Sarah, Susan A. Moore, and Michael Lockwood. 2015. "Authority, Responsibility, and Process in Australian Biodiversity Policy." *Environmental and Planning Law Journal* 32(2): 93-114.
- Crawford, Sue E.S. and Elinor Ostrom. 1995. "A Grammar of Institutions." *American Political Science Review* 89(3): 582-600.
DOI: <https://doi.org/10.2307/2082975>
- Dunlop, Claire A., Jonathan C. Kamkhaji, and Claudio M. Radaelli. 2019. "A Sleeping Giant Awakes? The Rise of the Institutional Grammar Tool (IGT) in Policy Research." *Journal of Chinese Governance*. DOI: <https://doi.org/10.1080/23812346.2019.1575502>
- Feiock, Richard C., Christopher M. Weible, David P. Carter, Cali Curley, Aaron DeSlatte, and Tanya Heikkila. 2014. "Capturing Structural and Functional Diversity Through Institutional Analysis." *Urban Affairs Review* 52(1): 129-150.
DOI: <https://doi.org/10.1177/1078087414555999>
- Frantz, Christopher K., Martin K. Purvis, Bastin Tony Roy Savarimuthu, and Mariusz Nowostawski. 2015. "Modeling Dynamic Normative Understanding in Agent Societies." *Scalable Computing: Practice and Experience* 16(4): 355-378. DOI: <https://doi.org/10.12694/scpe.v16i4.1128>
- Ghorbani, Amineh, and Giangiacomo Bravo. 2016. "Managing the Commons: A Simple Model of the Emergence of Institutions through Collective Action." *International Journal of the Commons* 10(1): 200-219.
DOI: <http://doi.org/10.18352/ijc.606>
- Ghorbani, Amineh, Giangiacomo Bravo, Ulrich Frey, and Insa Theesfeld. 2017. "Self-Organization in the Commons: An Empirically Tested Model." *Environmental Modelling and Software* 96: 30-45.
DOI: <https://doi.org/10.1016/j.envsoft.2017.06.039>
- Heikkila, T. and Weible, C.M., 2018. A semiautomated approach to analyzing polycentricity. *Environmental Policy and Governance*, 28(4), pp.308-318.
DOI: <https://doi.org/10.1002/eet.1817>
- Lien, Aaron M., Edella Schlager, Ashly Lona. 2018. "Using Institutional Grammar to Improve Understanding of the Form and Function of Payment for Ecosystem Services Programs" *Ecosystem Services* 31, Part A: 21-31. DOI: <https://doi.org/10.1016/j.ecoser.2018.03.011>
- Novo, Paula, and Garrido, Alberto. 2014. "From Policy Design to Implementation: An Institutional Analysis of the New Nicaraguan Water Law" *Water Policy* 17(1): 105-126.
- Roditis, Maria L., Donna Wang, Stanton Glantz, and Amanda Fallin. 2015. "Evaluating California Campus Tobacco Policies Using the American College Health Association Guidelines and the Institutional Grammar Tool." *Journal of American College Health* 63(1): 57-67. DOI: [10.1080/07448481.2014.963108](https://doi.org/10.1080/07448481.2014.963108)
- Schlüter, Achim, and Insa Theesfeld. 2010. The Grammar of Institutions: The Challenge of Distinguishing Between Strategies, Norms, and Rules. *Rationality and Society* 22 (4):445-475.
DOI: <https://doi.org/10.1177/1043463110377299>
- Siddiki, Saba, Tanya Heikkila, Christopher M. Weible, Raul Pacheco-Vega, David Carter, Cali Curley, Aaron Deslatte, Abby Bennett. 2019. "Institutional Analysis with the Institutional Grammar." *Policy Studies Journal*. DOI: <https://doi.org/10.1111/psj.12361>

- Siddiki, Saba. 2014. "Assessing Policy Design and Interpretation: An Institutions-Based Analysis in the Context of Aquaculture in Florida and Virginia, United States." *Review of Policy Research* 31 (4): 281-303. DOI: <https://doi.org/10.1111/ropr.12075>
- Siddiki, Saba, Christopher M. Weible, Xavier Basurto, and John Calanni. 2011. "Dissecting Policy Designs: An Application of the Institutional Grammar Tool." *Policy Studies Journal* 39(1): 79-103. DOI: <https://doi.org/10.1111/j.1541-0072.2010.00397.x>
- Siddiki, Saba, and Suzann Lupton. 2016. "Assessing Nonprofit Rule Interpretation and Compliance." *Nonprofit and Voluntary Sector Quarterly* 45(4S): 156S-174S. DOI: <https://doi.org/10.1177/0899764016643608>
- Siddiki, Saba, Xavier Basurto, Christopher M. Weible. 2012. "Using the Institutional Grammar Tool to Understand Regulatory Compliance: The Case of Colorado Aquaculture." *Regulation & Governance* 6 (2): 167-188. DOI: <https://doi.org/10.1111/j.1748-5991.2012.01132.x>
- Smajgl, Alex, Luis R. Izquierdo, and Marco Huigen. 2008 "Modeling Endogenous Rule Exchanges in an Institutional Context: The Adico Sequence." *Advances in Complex Systems* 11(2): 199-215. DOI: <https://doi.org/10.1142/S021952590800157X>
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- Watkins, Cristy, Lynne M. Westphal, Paul H. Gobster, Joanna Vining, and Alaka Wali et al. 2015. "Shared Principles of Restoration Practice in the Chicago Wilderness Region." *Human Ecology* 21(1): 155-177.
- Weible, Christopher M., and David P. Carter. 2015. "The Composition of Policy Change: Colorado's 1977 and 2006 Smoking Bans" *Policy Sciences* 48(2): 207-231. DOI: [10.1007/s11077-015-9217-x](https://doi.org/10.1007/s11077-015-9217-x)
- Garcia, M., Koebele, E., Deslatte, A., Ernst, K., Manago, K., Treuer, G. (2019). Towards Urban Water Sustainability: Analyzing Management Transitions in Miami, Las Vegas, and Los Angeles. *Global Environmental Change*, 58, 1–24. <https://doi.org/10.1016/J.GLOENVCHA.2019.101967>