

Raul Lejano, Ph.D.
Professor of Environmental Education
School of Culture, Education, and Human Development
New York University
Email: rpl4@nyu.edu

Research outputs

Teaching to the nth: Narrative knowledge and the relational model of risk communication

Lejano, R. P., Casas, E. V., Pormon, M. M. M. & Yanger, M. J., Nov 2020, In: International Journal of Disaster Risk Reduction. 50, 101720.

Relationality: An alternative framework for analysing policy

Lejano, R. P., Jan 1 2020, In: Journal of Public Policy.

The Power of Narrative: Climate Skepticism and the Deconstruction of Science

Lejano, R., 2020, (Accepted/In press) Oxford University Press.

Ideology and the narrative of climate skepticism

Lejano, R. P., Dec 2019, In: Bulletin of the American Meteorological Society. 100, 12, p. ES415-ES421

Sustainability and incommensurability: Narrative policy analysis with application to urban ecology

Lejano, R. P., Newbery, N., Ciolino, M. & Newbery, D., Oct 2019, In: Ecological Economics. 164, 106348.

Environmental Action in the Anthropocene: The Power of Narrative Networks

Ingram, M., Ingram, H. & Lejano, R., Sep 3 2019, In: Journal of Environmental Policy and Planning. 21, 5, p. 492-503 12 p.

Relationality and social-ecological systems: Going beyond or behind sustainability and resilience

Lejano, R. P., May 1 2019, In: Sustainability (Switzerland). 11, 10, 2760.

Climate change and the relational city

Lejano, R. P., Feb 2019, In: Cities. 85, p. 25-29 5 p.

Narrative in the policy process

Lejano, R., Ingram, M. & Ingram, H., Dec 28 2018, *Handbook on Policy, Process and Governing*. Edward Elgar Publishing Ltd., p. 309-326 18 p.

Relational Perspectives on Environmental Justice

Lejano, R. P. & Ajaps, S., Oct 2 2018, In: Theory Into Practice. 57, 4, p. 316-324 9 p.

Collective action as narrativity and praxis: Theory and application to Hong Kong's urban protest movements

Lejano, R., Chui, E., Lam, T. & Wong, J., Jul 1 2018, In: Public Policy and Administration. 33, 3, p. 260-289 30 p.

The logic of informality: Pattern and process in a São Paulo favela

Lejano, R. P. & Del Bianco, C., May 2018, In: Geoforum. 91, p. 195-205 11 p.

Analytics for local knowledge: exploring a community's experience of risk

Lejano, R. P. & Stokols, D., 2018, (Accepted/In press) In: Journal of Risk Research.

Assemblage and relationality in social-ecological systems

Lejano, R. P., Jul 1 2017, In: Dialogues in Human Geography. 7, 2, p. 192-196 5 p.

The narrative properties of ideology: the adversarial turn and climate skepticism in the USA

Lejano, R. P. & Dodge, J., Jun 1 2017, In: Policy Sciences. 50, 2, p. 195-215 21 p.

Sorting through Differences: The Problem of Planning as Reimagination

Lejano, R. P. & González, E. R., Mar 1 2017, In: Journal of Planning Education and Research. 37, 1, p. 5-17 13 p.

Urban waterways and waterfront spaces: Social construction of a common good

Wessells, A. T. & Lejano, R. P., Mar 1 2017, In: Journal of the Southwest. 59, 1-2, p. 106-132 27 p.

A cooperative game-theoretic framework for negotiating marine spatial allocation agreements among heterogeneous players

Kyriazi, Z., Lejano, R., Maes, F. & Degraer, S., Feb 1 2017, In: Journal of Environmental Management. 187, p. 444-455 12 p.

Urban digital storytelling

Daskolia, M., Dettori, G. & Lejano, R. P., Jan 1 2017, *Urban Environmental Education Review*. Cornell University Press, p. 271-278 8 p.

Thick narratives and the persistence of institutions: using the Q methodology to analyse IWRM reforms around the Yellow River

Leong, C. & Lejano, R., Dec 1 2016, In: Policy Sciences. 49, 4, p. 445-465 21 p.

A textual processing model of risk communication: Lessons from Typhoon Haiyan

Lejano, R. P., Tan, J. M., Meriwether, A. & Wilson, W., Oct 2016, In: Weather, Climate, and Society. 8, 4, p. 447-463 17 p.

Clinton defies conventional labels

Lejano, R., Sep 28 2016, *The Philadelphia Inquirer*, Op-Ed.

Geographies of Risk, the Regulatory State, and the Ethic of Care

Lejano, R. P. & Funderburg, R., Sep 2 2016, In: Annals of the American Association of Geographers. 106, 5, p. 1097-1113 17 p.

Interim Report: Storm Surge Risk Communication

Lejano, R. & et, A., 2016, World Bank.

Technical Report: Sustainability Planning: City and Ecology in Hoi Ha, Hong Kong

Lejano, R. & et, A., 2016, NYU.

政策分析框架 融合文本与语境 Frameworks for Policy Analysis: Merging Text and Context (Chinese translation)

Lejano, R., 2016, Beijing, PRC: Tsinghua University Press.

The autopoietic text

Lejano, R. P. & Park, S. J., Dec 18 2015, *Handbook of Critical Policy Studies*. Edward Elgar Publishing Ltd., p. 274-296 23 p.

Bargaining a net gain compensation agreement between a marine renewable energy developer and a marine protected area manager

Kyriazi, Z., Lejano, R., Maes, F. & Degraer, S., Oct 1 2015, In: Marine Policy. 60, p. 40-48 9 p.

Seeing urban regeneration through an institutional lens: toward a new contextualism

Lejano, R. P. & Kan, W. S., Sep 2 2015, In: International Journal of Urban Sciences. 19, 3, p. 257-268 12 p.

Narrative disenchantment

Lejano, R. P., Jul 3 2015, In: *Critical Policy Studies*. 9, 3, p. 368-371 4 p.

Narrating Resilience: Transforming Urban Systems Through Collaborative Storytelling

Goldstein, B. E., Wessells, A. T., Lejano, R. & Butler, W., May 27 2015, In: *Urban Studies*. 52, 7, p. 1285-1303 19 p.

Communicating risk: Learning from Typhoon Haiyan

Lejano, R., Tan, J. M. & Wilson, M., Feb 5 2015, In: *Nature*. 518, 7537, 1 p.

What's the story? Creating and sustaining environmental networks

Ingram, M., Ingram, H. & Lejano, R., Nov 30 2014, In: *Environmental Politics*. 23, 6, p. 984-1002 19 p.

Interpreting institutional fit: Urbanization, development, and China's "land-lost"

Lian, H. & Lejano, R. P., Sep 2014, In: *World Development*. 61, p. 1-10 10 p.

Interrogating the Commons: Introduction to the Special Issue. Reflecting on a Legacy.

Lejano, R. P., Araral, E. & Araral, D., Feb 2014, In: *Environmental Science and Policy*. 36, p. 1-7 7 p.

Norm, network, and commons: The invisible hand of community

Lejano, R. P. & Fernandez de Castro, F., Feb 2014, In: *Environmental Science and Policy*. 36, p. 73-85 13 p.

Dempster-Shafer theory applied to regulatory decision process for selecting safer alternatives to toxic chemicals in consumer products.

Park, S. J., Ogunseitan, O. A. & Lejano, R. P., Jan 2014, In: *Integrated environmental assessment and management*. 10, 1, p. 12-21 10 p.

Regulation-by-information in areas of limited statehood: Lessons from the Philippines' environmental regulation

Lee, E., Lejano, R. P. & Connelly, R. J., Sep 2013, In: *Regulation and Governance*. 7, 3, p. 387-405 19 p.

Climate and narrative: Environmental knowledge in everyday life

Lejano, R. P., Tavares-Reager, J. & Berkes, F., Aug 2013, In: *Environmental Science and Policy*. 31, p. 61-70 10 p.

Social ecology, sustainability, and economics

Lejano, R. P. & Stokols, D., May 2013, In: *Ecological Economics*. 89, p. 1-6 6 p.

Tales From the Crypt: The Rise and Fall (and Rebirth?) of Policy Design

Howlett, M. & Lejano, R. P., Apr 2013, In: *Administration and Society*. 45, 3, p. 357-381 25 p.

The contextualist turn and schematics of institutional fit: Theory and a case study from Southern India

Lejano, R. P. & Shankar, S., Mar 2013, In: *Policy Sciences*. 46, 1, p. 83-102 20 p.

Frameworks for policy analysis: Merging text and context

Lejano, R., Jan 1 2013, Taylor and Francis Ltd. 269 p.

The power of narrative in environmental networks

Lejano, R., Ingram, M. & Ingram, H., Jan 1 2013, MIT Press. 228 p.

Enhancing the resilience of human-environment systems: A social ecological perspective

Stokols, D., Perez Lejano, R. & Hipp, J., 2013, In: *Ecology and Society*. 18, 1, 7.

Postpositivism and the policy process

Lejano, R. P., Dec 12 2012, *Routledge Handbook of Public Policy*. Taylor and Francis, p. 98-112 15 p.

A hermeneutic approach to explaining and understanding public controversies

Lejano, R. P. & Leong, C., Oct 2012, In: *Journal of Public Administration Research and Theory*. 22, 4, p. 793-814 22 p.

Modeling the commons as a game with vector payoffs

Lejano, R. P. & Ingram, H., Jan 2012, In: *Journal of Theoretical Politics*. 24, 1, p. 66-89 24 p.

Patchwork of land use, tapestry of risk

Lejano, R. P., Ballesteros, F. & Tallod, R., Jan 2012, In: *Journal of Environmental Planning and Management*. 55, 1, p. 1-15 15 p.

Shapley, Lloyd S. (1923)

Lejano, R. & Qin, C. Z., 2012, *The New Palgrave Dictionary of Economics*. Vol. 7.

A note on solution concepts for nontransferable utility games

Lejano, R. P., Dec 2011, In: *Journal of Mathematical Economics*. 47, 6, p. 777-780 4 p.

Urban Environmental Quality: Perceptions and Measures

Lejano, R. P., Jan 1 2011, *Encyclopedia of Environmental Health*. Elsevier Inc., p. 541-548 8 p.

Consolidated Report: Resilience of Health Systems to Disasters

Lejano, R., 2011, WHO.

On the need to redesign the CDM carbon trading program

Lejano, R. P., Muñoz Meléndez, G., Benitez, I. A. & Park, S. J., Sep 15 2010, In: *Environmental Science and Technology*. 44, 18, p. 6914-6916 3 p.

Understanding minority residents' perceptions of neighborhood risks and environmental justice: New modalities, findings, and policy implications

Lejano, R. P. & Stokols, D., Jun 2010, In: *Journal of Architectural and Planning Research*. 27, 2, p. 107-123 17 p.

Policy Report 2010: Fertility Patterns Among the Urban Poor

Lejano, R. & et, A., 2010, Irvine: Social Ecology Research Center.

Program Evaluation: Assessment of the Coverage of Health Services Provided in Response to Typhoons Ondoy, Peping, and Santi

Sablan, B., Lejano, R., Dandiego, A. & Bonje, A., 2010, WHO.

Technical Report: Assessing the Impact of Disasters on Health Systems: A Toolkit for Needs Assessment and Recovery Planning

Lejano, R., Sablan, B., Bonje, A. & Dandiego, A., 2010, WHO.

Technical Report: Model Development: Risk Preparedness Methodology

Lejano, R., Sablan, B. & Aldaba, J., 2010, WHO.

Technical Report: Post-Flood Emergency Response Review: Testing the Toolkit for Needs Assessment and Recovery Planning

Lejano, R., Sablan, B., Bonje, A. & Dandiego, A., 2010, WHO.

Collaborative networks and new ways of knowing

Lejano, R. P. & Ingram, H., Oct 2009, In: *Environmental Science and Policy*. 12, 6, p. 653-662 10 p.

Field, laboratory and numerical study of transportation emissions in built environments surrounding major arterials in southern Californian cities

Princevac, M., Pan, H., Edwards, R., Sfazi, A., Boarnet, M., Wu, J. & Lejano, R., 2009, p. 459-464. 6 p.

New Urbanism and the barrio

González, E. R. & Lejano, R. P., 2009, In: *Environment and Planning A*. 41, 12, p. 2946-2963 18 p.

Transitions: Transcending multiple ways of knowing water resources in the United States

Ingram, H. & Lejano, R., 2009, *Water Policy Entrepreneurs: A Research Companion to Water Transitions around the Globe*. Edward Elgar Publishing Ltd., p. 61-78 18 p.

The phenomenon of collective action: Modeling institutions as structures of care

Lejano, R., May 2008, In: *Public Administration Review*. 68, 3, p. 491-504 14 p.

Book review: Democratic constitutional design and public policy

Lejano, R., 2008, In: *Journal of Comparative Policy Analysis: Research and Practice*. 10, 1, p. 94-95

Technology and institutions: A critical appraisal of GIS in the planning domain

Lejano, R. P., 2008, In: *Science Technology and Human Values*. 33, 5, p. 653-678 26 p.

Cost effectiveness of regulation-compliant filtration to control sediment and metal pollution in urban runoff

Smith, C. S., Lejano, R. P., Ogunseitan, O. A. & Hipp, J. A., Nov 1 2007, In: *Environmental Science and Technology*. 41, 21, p. 7451-7458 8 p.

Place-based conservation: Lessons from the turtle island

Lejano, R. P. & Ingram, H., Nov 2007, In: *Environment*. 49, 9, p. 18-27 10 p.

Participatory action research for environmental health: Encountering Feire in the urban barrio

González, E. R., Lejano, R. P., Vidales, G., Conner, R. F., Kidokoro, Y., Fazeli, B. & Cabrales, R., Feb 2007, In: *Journal of Urban Affairs*. 29, 1, p. 77-100 24 p.

The importance of context: Integrating resource conservation with local institutions

Lejano, R. P., Ingram, H. M., Whiteley, J. M., Torres, D. & Agduma, S. J., Feb 2007, In: *Society and Natural Resources*. 20, 2, p. 177-185 9 p.

How social networks enable adaptation to system complexity and extreme weather events

Lejano, R. & Ingram, H., 2007, *Adaptive and Integrated Water Management: Coping with Complexity and Uncertainty*. Pahl-Wostl, Kabat & Moltgen (eds.). Berlin: Springer-Verlag

Peace games

Lejano, R., 2007, *Peace Parks: Conservation and Conflict Resolution*. Ali, S. (ed.). Cambridge, Mass: MIT Press

Context and differentiation: Comparative analysis of two community-based fishers' organizations

Lejano, R. P. & Ocampo-Salvador, A., Nov 2006, In: *Marine Policy*. 30, 6, p. 726-736 11 p.

Planning methodology for predicting spatial patterns of risk potential from industrial land uses

Nixon, H., Lejano, R. P. & Funderburg, R. G., Nov 2006, In: *Journal of Environmental Planning and Management*. 49, 6, p. 829-847 19 p.

Theorizing peace parks: Two models of collective action

Lejano, R. P., Sep 2006, In: *Journal of Peace Research*. 43, 5, p. 563-581 19 p.

Optimization of stormwater filtration at the urban/watershed interface

Hipp, J. A., Ogunseitan, O., Lejano, R. & Smith, C. S., Aug 1 2006, In: Environmental Science and Technology. 40, 15, p. 4794-4801 8 p.

Community and economic development: Seeking common ground in discourse and in practice

Lejano, R. P. & Wessells, A. T., Aug 2006, In: Urban Studies. 43, 9, p. 1469-1489 21 p.

The design of environmental regimes: Social construction, contextuality, and improvisation

Lejano, R. P., Jun 2006, In: International Environmental Agreements: Politics, Law and Economics. 6, 2, p. 187-207 21 p.

Incompatible land uses and the topology of cumulative risk

Lejano, R. P. & Smith, C. S., Feb 2006, In: Environmental Management. 37, 2, p. 230-246 17 p.

Optimizing the layout and design of branched pipeline water distribution systems

Lejano, R. P., Feb 2006, In: Irrigation and Drainage Systems. 20, 1, p. 125-137 13 p.

Comparative analysis of two community-based fishers' organizations

Lejano, R. & Ocampo-Salvador, A., 2006, In: Marine Policy. 30, 6, p. 726-736 11 p.

Report to the First Five Commission: Participatory Action Research for Community Health in Southeast Los Angeles

Lejano, R. & et, A., 2006, Huntington Park: Unknown publisher.

Testing the assumptions behind emissions trading in non-market goods: The RECLAIM program in Southern California

Lejano, R. P. & Hirose, R., Aug 2005, In: Environmental Science and Policy. 8, 4, p. 367-377 11 p.

Tragedy of the temporal commons: Soil-bound lead and the anachronicity of risk

Lejano, R. P. & Ericson, J. E., Mar 2005, In: Journal of Environmental Planning and Management. 48, 2, p. 301-320 20 p.

Mapping the industrial archeology of Boston

Kolodziej, K., Lejano, R. P., Sassa, C., Maharjan, S., Ghaemghami, J. & Plant, T., 2004, In: URISA Journal. 16, 1, p. 5-13 9 p.

Technical Report: Health Risk Assessment of the Chiquita Landfill

Lejano, R. & et, A., 2004, Irvine: Unknown publisher.

Rationality as social justice and the spatial-distributional analysis of risk

Lejano, R. P., Piazza, B. & Houston, D., Dec 2002, In: Environment and Planning C: Government and Policy. 20, 6, p. 871-888 18 p.

Fair share: Siting noxious facilities as a risk distribution game under nontransferable utility

Lejano, R. P. & Davos, C. A., Mar 2002, In: Journal of Environmental Economics and Management. 43, 2, p. 251-266 16 p.

Professional Report: Sonando en El Viento: Collaborative Environmental Health Research in Springfield, MA

Lejano, R. & et, A., 2002, Cambridge, Mass: MIT.

Technical Report: The Palawan Island Sustainability Mapping Project

Lejano, R. & et, A., 2002, Cambridge, Mass: MIT.

Environmental justice: Spatial distribution of hazardous waste treatment, storage and disposal facilities in Los Angeles

Lejano, R. P. & Iseki, H., Jun 2001, In: Journal of Urban Planning and Development. 127, 2, p. 51-62 12 p.

Analytical perspectives of cooperative coastal management

Davos, C. A. & Lajano, R. P., 2001, In: Journal of Environmental Management. 62, 2, p. 123-130 8 p.

Siting noxious facilities with victim compensation: N-person games under transferable utility

Lejano, R. P. & Davos, C. A., 2001, In: Socio-Economic Planning Sciences. 35, 2, p. 109-124 16 p.

Environmental Evaluation

Davos, C. & Lejano, R., 2000

Technical Report: Community-Based Waste Management Master Plan for Binan, Laguna

Lejano, R. & et, A., 2000, Unknown publisher.

Cooperative solutions for sustainable resource management

Lejano, R. P. & Davos, C. A., Aug 1999, In: Environmental Management. 24, 2, p. 167-175 9 p.

Ecology and the human equation

Lejano, R., 1998, *Current Issues*. Espiritu, Lejano, Peralta, Ronquillo & Salcedo (eds.). Quezon City: Katha Publishing

Optimizing the mix of strategies for control of vehicular emissions

Lejano, R. P., Ayala, P. M. & Gonzales, E. A., Jan 1997, In: Environmental Management. 21, 1, p. 79-87 9 p.

Technical Report: Draft Environmental Impact Report, Terminal Island Water Reuse Project

Lejano, R. & et, A., 1997, Los Angeles: Unknown publisher.

Technical Report: Master Plan and Rate Study, San Jose Water Reuse Program

Lejano, R., 1997, San Jose: Unknown publisher.

Technical Report: Water and Stormwater Master Plan for Cabanatuan City, Philippines

Lejano, R. & et, A., 1997, United Nations Development Programme.

Cost Allocation of Multiagency Water Resource Projects: Game Theoretic Approaches and Case Study

Lejano, R. P. & Davos, C. A., May 1995, In: Water Resources Research. 31, 5, p. 1387-1393 7 p.

Assessing the benefits of water reuse

Lejano, R. & et, A., 1992, Water Env't & Technology, 8, p. 44-50.