

## Stephanie S. Pincetl

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### Education

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|---------------------------------------|--|--|------|
| University of California, Los Angeles | Urban Planning                                   | Ph.D., Dean's Award for Overall Excellence | 1985 |
| University of California, Davis       | Anthropology                                     | M.A.                                       | 1979 |
| University of California, Davis       | Interdisciplinary Independent Major: Land Ethics | B.A. with Honors                           | 1974 |

### Current Positions

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|-------|--|
| 2013- | Professor in Residence, Institute of the Environment and Sustainability, UCLA                        |
| 2007- | Researcher, Institute of the Environment, UCLA   |
| 2007- | Adjunct Professor, Urban Planning, UCLA  |
| 2007- | Founding Director, California Center for Sustainable Communities, Institute of the Environment, UCLA |

### Professional Employment

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| 2020      | Fulbright Distinguished Chair Manchester University   |
| 2017      | Visiting Scholar, Research Institute on Humanity and Nature, Kyoto Japan                                      |
| 2017      | Visiting Scholar, University of Manchester Geography Department   |
| 2013-     | Professor in Residence, Institute of the Environment and Sustainability, UCLA                                 |
| 2010-2013 | Adjunct Professor, Director, Institute of the Environment and Sustainability, UCLA                            |
| 2007-2010 | Research Social Scientist, US Forest Service, Pacific Southwest Research Station                              |
| 2009      | Professor, International Masters of Public Administration Program, Institut d'Etudes Politiques, Paris        |
| 2007-     | Researcher, Institute of the Environment, UCLA  |
| 2007-     | Adjunct Professor, Urban Planning, UCLA   |
| 2007-     | Founding Director, California Center for Sustainable Communities, Institute of the Environment, UCLA          |
| 2006      | Professor, International Masters of Public Administration Program, Institut d'Etudes Politiques, Paris        |
| 2004-2006 | Visiting Professor, Institute of the Environment, UCLA  |
| 2004      | Invited Professor, Institut d'Urbanisme de Paris, Universite de Paris XII                                     |
| 1998-2003 | Associate Director, Center for Sustainable Cities, and Research Associate Professor, Geography Department USC |
| 1997-1998 | Adjunct Professor, School of Policy, Planning and Development, USC  |
| 1996      | Fulbright Researcher, Paris   |
| 1987-1988 | Lecturer, Graduate School of Architecture and Urban Planning  |
| 1985-1986 | Fulbright Junior Professor, Institut d'Urbanisme de Paris, Universite de Paris XII                            |

### Honors

- 2019 American Association of Geographers Meredith Burrill Award for important academic work with real world problem solving
- 2007 Inland Empire Chapter, American Planning Association, Academic Award, Habitat Conservation Planning in the Coachella Valley Report
- 2000 American Planning Association Award for Best Project USC School of Policy, Planning and Development in PLUS 676L: "Rediscover: Eco-Tourism, Two Harbors, Catalina," Los Angeles Division,
- 2000 Phi Kappa Phi Faculty Recognition Award, University of Southern California, Best Book of the Year
- 1996 William Fulbright Senior Research Fellowship, Paris, France
- 1994 US Forest History Society Ralph S. Hidy Award for Best Article, *Forest and Conservation History*
- 1992-1994 UC Berkeley, V.S. Ciriacy Wantrup Fellowship in Natural Resource Economics, Dept of Forestry and Geography
- 1985-1986 William Fulbright Fellowship, University of Paris
- 1985 Dean's Award for Overall Excellence, Graduate School of Architecture and Urban Planning, UCLA
- 1982-1983 Jean Nidetch Doctoral Dissertation Fellowship

### Professional Memberships

American Planning Association  
Association of American Geographers  
California Studies Association

### Research Interests

Cities in the Anthropocene – the post carbon transition  
Land use in cities and urban regions and transformation of natural environments and sustainability – socio-ecological research  
Urban metabolism  
Institutional analysis  
Equity impacts of urbanization and use of natural resources  
Implementation strategies for sustainability  
Integrated biophysical and social analysis of complex urban systems

### Teaching

- Cities in the Anthropocene
- Land Use and the Environment.
- Political Institutions and Environmental Policy Implementation.
- Urban Sustainability.
- California Environmental Politics and Urbanization and Geography.
- U.S. Evolution of Social Policy.
- Urban Environmental Problems.
- Public Lands Management.
- Comparative Environmental Politics U.S./E.U.
- Social-Environmental Ways of Knowing.
- Urban Agriculture.

### Languages

French - Bilingual  
Spanish - Conversational and Reading

## Book

Pincetl, S. *Transforming California, The political history of land use and development*. Baltimore, MD: Johns Hopkins University Press. 1999. Paperback issued 2003.

## Peer-Reviewed Scientific Journal Articles

95. Porse E., Mika K.B., Escriva-Bou A., Fournier E.D., Sanders K.T., Stokes-Draut J., Federico F., Gold M., Pincetl S. 2020. Energy use for urban water management by utilities and households in Los Angeles. *Environmental Research Communications*. <https://doi.org/10.1088/2515-7620/ab5e20>.

94. Pincetl S. 2020. Cities treated as things: Imagining post carbon cities, friendly rejoinder to Hajer and Versteeg, and Wachsmuth. *Territory, Politics, Governance*.  
<https://doi.org/10.1080/21622671.2019.1708444>.

93. Bahers, J.B., Tanguy A., Pincetl S. 2019. Metabolic relationships between cities and hinterland: a political-industrial ecology of energy metabolism of Saint-Nazaire metropolitan and port area (France) *Ecological Economics*, Accepted, forthcoming.

92. Avolio M, Pataki D.E., Jenerette D.G., Pincetl S, Weller Clarke L., Cavender-Bares J., Gillespie T.W., Hobbie S.E., Larson K.L., McCarthy H.R., Tara Trammell T. 2019. Urban plant diversity in Los Angeles, California: Species and functional type turnover in cultivated landscapes. *Plants People Planet*  
DOI:10.1002/ppp3.10067

91. Fournier E., Federico F., Porse E. Pincetl S. 2019. Effects of building size growth on residential energy efficiency and conservation in California. *Applied Energy*. doi: 10.1016/j.apenergy.2019.02.072

90. Burillo D., Chester M.V., Pincetl S., Fournier E. 2019. Electricity infrastructure vulnerabilities due to long-term growth and extreme heat from climate change in Los Angeles County. *Energy Policy* 128:934-953. <https://doi.org/10.1016/j.enpol.2018.12.053>.

89. Hale M., Pincetl S. 2019. Transition in the Los Angeles urban water system. *Journal of Transdisciplinary Peace Practice*. Vol. 1. ISSN 2621-746X

88. Pincetl S., Gillespie T., Porse E., Jia. S., Kidera E., Nobles N., Rodriguez J., Choi D. 2019. Evaluating the effects of turf replacement programs in Los Angeles. *Landscape and Urban Planning*: 210-221.

87. Burillo D., Chester M., Pincetl S., Fournier E.D., Reyna J. 2019. Forecasting Peak Electricity Demand for Los Angeles Considering Higher Air Temperatures due to Climate Change in Applied Energy. *Applied Energy*, 236: 1-9. <https://doi.org/10.1016/j.apenergy.2018.11.039>

86. Harmon T., Smyth R., Chandra S., Conde D., Dhungel R., Escobar J., Hoyos N., Lozoya J.P., Nin M. Perillo G., Pincetl S., Piccolo C., Reid B., Rusak J., Scord F., Velez M., Villamizar S. R., Wemple B., Zilio M., 2018. Socio-economic and environmental proxies for comparing freshwater ecosystem service threats across international sites: A diagnostic approach. *Water*. 10(11), 1578  
<https://doi.org/10.3390/w10111578>

85. Pincetl S., Porse E., Mika K.B., Litvak E., Manago K.F., Hogue T.S., Gillespie T., Pataki D.E. 2018. Adapting urban water systems to manage scarcity in the 21<sup>st</sup> century: The case of Los Angeles. *Environmental Management*, <https://doi.org/10.1007/s00267-018-1118-2>. 63:293-308.
84. Porse E., Mika K.B., Litvak E., Manago K.F., Hogue T.S., Gold M., Pataki D.E., Pincetl S. 2018. The economic value of local water supplies in Los Angeles. *Nature Sustainability* 1: 289-297.
83. Pincetl S., 2018. The shape of fraught – urban – the nation-state: tensions and dynamics. *Urban Geography* <https://doi.org/10.1080/02723638.2018.1452400>
82. Porse, E., Mika K.B., Williams R, Gold M., Blomquist W., Pincetl S. 2018. Groundwater exchange pools and urban water supply sustainability: Modeling directed and undirected networks. *Journal of Water Resources Planning and Management* 144(8): 04018040
81. Derenski J., Porse E., Gustafson H., Cheng D., Pincetl S., 2018. Spatial and temporal analysis of energy use data in Los Angeles schools. *Energy Efficiency*. <https://doi.org/10.1007/s12053-017-9580-x>
80. Gurney K., Romero-Lankao P., Pincetl, S. et al. 2018. Chapter 4. Urban. Second State of the Carbon Cycle Report. United States Carbon Cycle Science Program. <http://cdiac.ess-dive.lbl.gov/SOCCR/>.
79. Pincetl S. 2017. Cities in the Anthropocene. *Anthropocene*, <https://doi.org/10.1016/j.ancene.2017.08.001>
78. Pincetl S., Newell J.P. 2017. Why data for a political-industrial ecology of cities? *Geoforum*. <http://dx.doi.org/10.1016/j.geoforum.2017.08.001>.
77. Porse, Erik C., Kathryn B. Mika, Elizabeth Litvak, Manago K., Naik K., Glickfeld M., Hogue T., Gold M., Pataki D., and Pincetl S.. 2017. Systems analysis and optimization of local water supplies in Los Angeles County. *Journal of Water Resources Planning and Management*. 143(9).
76. Jenerette G.D., Clarke W. L., Avolio M.L., Pataki D.E., Gillespie T.W., Pincetl S., Nowak D.J., Hutya L.R. 2016. Climate tolerances and trait choices shape continental patterns of urban tree biodiversity. *Global Ecology and Biogeography*, doi: 10.1111/geb.12499
75. Gillespie TW, de Goede J, Aguilar L, Jenerette GD, Fricker GA, Avolio ML, Pincetl S, Johnston T, Clarke LW. Pataki DE. 2016. Predicting tree species richness in urban forests. *Urban Ecosystems* doi:10.1007/s11252-016-0633-2. Published, 12/01/2016.
74. Fraser A.M., Chester M.V., Eisenman D., Hondula D.M. Pincetl S., English P., Bondank E. 2016. Household accessibility to heat refuges: Residential air conditioning, public cooled space, and walkability. *Environment and Planning B: Planning and Design*. DOI: 10.1177/0265813516657342.
73. Pincetl, S., Chester M., Eisenman D.. 2016. Urban heat stress vulnerability in the U.S. Southwest: the role of sociotechnical systems. *Sustainability*, 8, 842; doi:10.3390/su8090842.
72. Eisenman DP, Wilhalme H, Tseng C, Chester M, English P, Fraser A, Pincetl S, Vangala S, Dhaliwal S. 2016 "Heat Death Associations with the Built Environment, Social Vulnerability and their Interactions with Rising Temperature" *Health and Place* 41 (Sept):89-99, DOI: 10.1016/j.healthplace.2016.08.007

71. Porse E., Derenski J., Gustafson H., Elizabeth Z., Pincetl S\*. 2016. Structural, geographic and social factors in urban building energy use: analysis of aggregated account-level consumption data in a megacity. *Energy Policy* 96:179-192.
70. Nahlik M, Chester M, Pincetl S, Eisenman D, Sivaraman D, English P. 2016. "Building Thermal Performance, Extreme Heat, and Climate Change" *Journal of Infrastructure Systems*. DOI: 10.1061/(ASCE)IS.1943-555X.0000349
69. Pincetl S\*, Porse E., Cheng D. 2016. Fragmented flows: water supply in Los Angeles County. *Environmental Management* DOI 10.1007/s00267-016-0707-1: 1-15, 58:208-222.
68. Pincetl S. 2015. Cities as novel biomes: Recognizing urban ecosystems as anthropogenic. *Frontiers in Ecology and Evolution*, Perspective. 3: 1-5.
67. Porse E, Glickfeld M., Pincetl S\* 2015. Pumping for the Masses: Evolution of groundwater management in metropolitan Los Angeles. *GeoJournal*. (DOI) 10.1007/s10708-015-9664-0,
66. Gurney, K.R., Romero-Lankao, P., Seto, K.C., Hutyra, L.R., Duren, R., Kennedy, C., Grimm, N.B., Ehleringer, J.R., Marcotullio, P., Hughes, S., Pincetl, S., Chester, M.V., Runfola, D.M., Fedderma, J.J., & Sperling, J. 2015. Track urban emissions on a human scale. *Nature*, 525(7568), pp. 179–181. doi: [10.1038/525179a](https://doi.org/10.1038/525179a)
65. Fuller A., Pincetl S\*. 2015. Vulnerability Studies: a bibliometric review. *The Professional Geographer*. 67:319-329,
64. Pincetl S\*, Hogue T.S. 2015. California Drought – What is Different Today? *Journal of Extreme Events*. 2:1 (doi: 10.1142/S2345737615020029).
63. Pincetl S\*, Hogue T.S. 2015. California's new normal? Recurring drought: Addressing winners and losers. *Local Environment* 20: 850-854,
62. Hogue, T.S, Pincetl S. 2015. Are you watering your lawn? High-resolution data may help to devise effective water conservation strategies in urban areas around the world, *Science*, 348, 1319-1320.
61. Avolio M., Pataki D.E., Gillespie T., Jenerette G.D., McCarthy H.R., Pincetl, S., Weller-Clarke L. 2015. Tree diversity in southern California's urban forest: the interacting roles of social and environmental variables. *Frontiers in Ecology and Evolution – Urban Ecology* 3(73),
60. Pincetl S\*, Graham R., Murphy S., Sivaraman D. 2015. Analysis of high-resolution utility data for understanding energy use in urban systems: The case of Los Angeles, California. *Journal of Industrial Ecology* DOI: 10.1111/jiec.12299,
59. Kennedy CA., Stewart I., Facchini A., Cersosimo I., Mele R., Chen B., Uda M., Chiu A., Kim K-g., Dubeux C., La Rovere EL., Cunha B., Pincetl S., Keirstead J., Barles S., Pusaka S., Gunawan J., Adegbile M., Ibrahim N., Farooqui RK, Cervantes G., Sahin AD., 2015. Energy and material flows of megacities. *Proceedings of the National Academies of Science*. [www.pnas.org/cgi/doi/10.1073/pnas.1504315112](http://www.pnas.org/cgi/doi/10.1073/pnas.1504315112),
58. Schwarz K., Fragkias M., Boone C.G., Zhou W., McHale M., Grove M., O'Neil-Dunne J., McFadden J.P., Buckley G.L., Childers D., Ogden L., Pincetl S., Pataki D., Whitmer A., Cadenasso M. 2015. Trees grow on money: Urban tree canopy cover and environmental justice. *PLoS ONE*, 10(4): e0122051, doi:10.1371/journal.pone.0122051,

57. Avolio M.L., Pataki D.E., Pincetl S., Gillespie T.W., Jenerette G.D., McCarthy H.R. 2014. Understanding preferences for tree attributes: the relative effects of socioeconomic and local environmental factors. *Urban Ecosystems*. 18: 73-86.
56. Pincetl S\*. Chester M.K., Circella G. Fraser A., Mini C., Murphy S., Reyna J., Sivaraman, D. 2014. Enabling future sustainability transitions; An urban metabolism approach to Los Angeles. *Journal of Industrial Ecology*, 18: 871-882,
55. Cope M., Pincetl S\*. 2014. Confronting standards and nomenclature in spatial data infrastructures: A case study of geospatial water management data in urban Los Angeles County. *International Journal of Spatial Data Infrastructures Research*. 9: 36-58,
54. Riordan E.C., Gillespie T. W., Pitcher L., Pincetl S., Jenerette D. G., Pataki D. E. 2014. Threats of Future climate change and land use to vulnerable tree species native California. *Environmental Conservation*. DOI: <http://dx.doi.org/10.1017/S0376892914000265>
53. Marcotullio P.J., Hughes S., Sarzynski A., Pincetl S., Pena L.S., Romero-Lankao P., Seto K.C., Runfola D. 2014. Urbanization and the carbon-cycle: Contributions from Social Science, *Earth's Future*, DOI: 10.1002/2014EF000257
52. Romero-Lankao P., Gurney K., Seto K.C., Chester M.C., Duren R.,M., Hughes S., Hutyra L.R., Marcotullio P.J., Baker L., Grimm N.B., Kennedy C., Larson E., Pincetl S., Runfola D., Sanchez L., Shrestha G., Feddema J., Sarzynski A., Sperling J., Stokes E. 2014. A critical knowledge pathway to low-carbon, sustainable futures: integrated understanding of urbanization, urban areas and carbon. *Earth's Future*, DOI: 10.1002/2014EF000258,.
51. Santos M.J., Watt T., Pincetl S. 2014. The push and pull land use policy: Reconstructing 150 years of development and conservation land use acquisition. *PLOS One* DOI: 10.1371/journal.pone.0103489,
50. Whitlow, T.H., Pataki D.A., Alberti, M., Pincetl, S., Setala H., Cadenasso M., Felson A, McComas K. C., 2014. Comments on “Modeled PM2.5 removal by trees in ten U.S cities and associated health effects” by Nowak et al (2013). *Environmental Pollution*. 04/2014; DOI:10.1016/j.envpol.2014.03.033.
49. Mini, C., T.S. Hogue, Pincetl S. 2014. Estimation of Residential Outdoor Water Use in Los Angeles, California, *Landscape and Urban Planning*, 127: 124-135
48. Mini, C., T.S. Hogue, Pincetl S. 2014. Patterns and Controlling Factors of Residential Water Use in Los Angeles, California, *Water Policy* 16:1054-1069
47. Mini C., T.S. Hogue, Pincetl S. 2014. The effectiveness of water conservation measures on summer residential water use in Los Angeles, California. *Resources Conservation and Recycling* 94: 136-145
46. Murphy, S. Pincetl S\*. 2013. Zero waste in Los Angeles: Is the emperor wearing any clothes. *Resources Conservation & Recycling*. 81:40-51
45. Jenerette G.D, G Miller, A Buyantuev, S Pincetl, DE Pataki, and TW Gillespie. 2013. Urban vegetation and income segregation in drylands: A synthesis of seven metropolitan regions in the southwestern United States. *Environmental Research Letters* 8:044001

44. Pataki DE, Alberti M, Cadenasso ML, Felson AJ, McDonnell MJ, Pincetl S, Pouyat RV, Setala H, Whitlow TW. 2013. City trees: Urban greening needs better data. *Nature* 502: 624
43. Pataki DE, McCarthy HR, Gillespie T, Jenerette GD, Pincetl S. 2013. A trait based ecology of the Los Angeles urban forest. *Ecosphere* 4:art72,.
42. Pincetl, S\*, Prabhu, S., Gillespie, T.W., Jenerette G.D., Pataki, D.E. 2013. The evolution of tree nursery offerings in Los Angeles County over the last 110 years, *Landscape and Urban Planning* 118:10-17.
41. Hughes, S. Pincetl S.\*, Boone, C. 2013. Triple exposure: Regulatory, climatic, and political drivers of water management changes in the city of Los Angeles. *Cities*, 32: 51-59.
40. Hughes, S., Pincetl, S\*. 2013. Evaluating collaborative Institutions in context: the case of regional water management in southern California, *Environment and Planning C: Government and Policy*. 31: doi:10.1068/c1210.
39. Chester, M., Pincetl, S., Elizabeth, Z., Eisenstein, W., Matute, J. 2013. Infrastructure and automobile shifts: positioning transit to reduce life-cycle environmental impacts for urban sustainability goals. *Environmental Research Letters*. 8: 01504.
38. Jonas, A., Pincetl S., Sullivan, J. 2013. Endangered Neoliberal Suburbanism? The Use of the Federal Endangered Species Act as a Growth Management Tool in Southern California, *Urban Studies Journal*, 50(11): 2311-2331.
37. Eisenstein W., Chester M., Pincetl S. 2013. Policy Options for Incorporating Life-Cycle Environmental Assessment into Transportation Planning. *Transportation Research Record: Journal of the Transportation Research Board*. 2397: 30-37.
36. Pincetl, S. 2012. Nature, Urban Development and Sustainability– What New Elements are Needed for a More Comprehensive Understanding? *Cities: Current Research on Cities*, 29:S32-S37
35. Chester M, Pincetl S, Allenby B. 2012. Avoiding unintended tradeoffs by integrating life-cycle assessment with urban metabolism, *Current Opinion in Environmental Sustainability* 8: 451-457
34. Pincetl, S\*, Franco, G., Hogue, T., Hughes, S., Pardjak, E., Kinoshita, A., & Jantz, P. 2012. Cities in the Southwest. Assessment of Climate Change in the Southwest United States: a Technical Report Prepared for the U.S. National Climate Assessment. A report by the Southwest Climate Alliance. [G. Garfin, A. Jardine, R. Merideth, M. Black, & J. Overpeck (Eds.)] Tucson, AZ: Southwest Climate Alliance.
33. Pincetl, S\*, Bunje, P., Holmes, T. 2012. An Expanded Urban Metabolism Method: Towards a Systems Approach for Assessing Urban Energy Processes and Causes, *Landscape and Urban Planning*. 107:193-202
32. Pincetl, S., Gillespie, T., Pataki, D.E., Saatchi, S., & Saphores, J. D. 2012. Urban tree planting, function or fashion? Los Angeles and urban tree planting campaigns *GeoJournal*. doi: 10.1007/s10708-012-9446-x
31. Gillespie, T. W., Pincetl, S., Brossard, S., Smith, J., Saatchi, S., Pataki, D., & Saphores, J. D. 2012. A time series of urban forestry in Los Angeles. *Urban Ecosystems*. doi 10.1007/s11252-011-0183-6

30. Pataki, D., McCarthy, H. R., Litvak, E., & Pincetl, S. 2011. Transpiration of urban forests in the Los Angeles Metropolis. *Ecological Applications*. 21(3), 661-677
29. Pincetl, S.\*, Jonas, A. E., & Sullivan, J. 2011. Political ecology and habitat conservation for endangered species planning in Southern California: Region, places and ecological governance. *GeoForum*. 42, 427-438
28. Pataki, D., Boone, C., Hogue, T., Jenerette, D., McFadden, J., & Pincetl, S. 2011. Socio-ecohydrology and the urban challenge. Invited commentary. *Ecohydrology*. 4, 341-347
27. Pataki, D., Carreiro, M. M., Cherrier, J., Grulke, N. E., Jennings, V., Pincetl, S., Pouyat, R. V., Whitlow, T. H., & Zipperer, W. C. 2011. Coupled biogeochemical cycles in urban environments: Ecosystem services, green solutions and misconceptions. Special Issue of *Frontiers in Ecology and the Environment*. 9(1), 27-36. doi:10.1890/090220.
26. Kennedy, C., Pincetl, S., & Bunje, P. 2010. The study of urban metabolism and its applications to urban planning and design. *Environmental Pollution*: <http://dx.doi.org/10.1016/j.envpol.2010.10.022>
25. Pincetl, S., 2010. Implementing municipal tree planting: Los Angeles Million Tree Initiative. *Environmental Management*. 45(2). 227-238
24. Pincetl, S. 2010. From the sanitary city to the sustainable city: Challenges to institutionalizing biogenic (nature's services) infrastructure. *Local Environment*. 15(1), 43-58
23. Park M.Y., Stenstrom M., Pincetl S\*, 2009. Water Quality Improvement Policies: Lessons Learned from the Implementation of Proposition O in Los Angeles, California, *Environmental Management*, 43:514-522
22. Pincetl, S. 2008. Environment: Pollution de l'air: le port accuse. *Revue Urbanisme*. 361 Juillet Aout, 52-53
21. Pincetl S\*, Park M.Y., Stenstrom M., 2008. Water Quality Improvement by Implementation of Proposition O in the Los Angeles River Watershed, California, *Water Science and Technology*, 58:12
20. Alagona, P., Pincetl, S.\* 2008. The Coachella Valley Multiple Species Habitat Conservation Plan: A couple of decades of delay, *Environmental Management*. 41, 1-11.
19. De Blasio, J. Clark, R. Pincetl, S. , Rundel P.W., Scott, T., and Silver D. 2008. It's the land use, not the fuels: Fires and land development in Southern California. *Real Estate Review*. 37(1), 25-42
18. Pincetl, S. 2007. Accounting for environmental services in cities: The new frontier for sustainability. *Social and Environmental Accounting Journal*. 27(1), 3-8
17. Pincetl, S. 2007. Moving from the sanitary city of the twentieth century to the sustainable city of the twenty-first, What new tools are available? *The Future of Metropolitan Landscapes*, Edited by P. Bosselmann. Places. 10(1), 59-61
16. Pincetl, S. 2007. Special issue of *Local Environment* on the political ecology of urban greening, edited by Stephanie Pincetl with guest editorial. 12(2), 87-92

15. Jonas, A.E., Pincetl, S. 2006. Rescaling regions in the state: The new regionalism in California. *Political Geography*. 25, 482-505
14. Pincetl, S. 2006. Conservation planning in the West, Problems, new strategies and entrenched obstacles. *Geoforum*. 37(2), 246-255, Impact Factor 2.12. Nominated for an AESOP best published paper of the year.
13. Costanza, B., Faber, S., Wilson, M., Grove, J. M., Warren, P., Hopkinson, C., Kahn, J., Pincetl, S., Childers, D., Troy, A., & Gross, K. 2006. Linking ecology and economics for ecosystem management: A services based approach with illustrations from LTER sites. *Bioscience*. 56(2), 121-133
12. Pincetl, S\*. 2005. Gearin, E. The Reinvention of Public Green Space. *Urban Geography*. 26(5), 365-384
11. Pincetl, S. 2003. Non-profits and park provision in Los Angeles, An exploration of the rise of governance approaches to the provision of local services. *Social Science Quarterly*. 84(2), 979-1001
10. Pincetl, S. 2001. Vers les villes durables. (Towards sustainable cities.) *Les Sciences Sociales*. N. 133(1), 137-143
9. Proctor, J , Pincetl, S.. 1996. Nature and the reproduction of endangered space, The Spotted Owl in the Pacific Northwest and Southern California. *Environment and Planning D: Society and Space*. 14(6), 683-708
8. Pincetl, S. 1996. Immigrants and environmental justice; Redevelopment plans in Paris France. *Urban Geography*. 17(5), 440-455
7. Pincetl, S. 1994. Challenges to citizenship: Latino immigrants and political organizing in the Los Angeles area. *Environment and Planning*. A 26, 895-914
6. Pincetl, S. 1994. The regional management of growth in California: A history of failure. *International Journal of Urban and Regional Research*. 18(2), 256-274
5. Pincetl, S. 1993. Some origins of French environmentalism: An exploration. *Forest and Conservation History*. April 37(2), 80-89. Winner of the 1994 Ralph W. Hidy award for best paper in *Forest and Conservation History* of 1993.
4. Pincetl, S. 1992. The politics of growth control: Struggles in Pasadena, California. *Urban Geography*. 13(5), 450-467
3. Pincetl, S., Fitzsimmons, M., Montemor, R., Glazer, J. 1991. Environmental Movements and the State. *Capitalism, Nature Socialism*. 2(1), 1-16, 1991.  
Pincetl, S. The question of growth, or the past as present. *Architecture California*. 13(2), 2-3.
2. Pincetl, S. 1990. The peculiar legacy of progressivism: Claire Dedrick's encounter with forest practices regulation in California. *Journal of Forest and Conservation History*. 34(1), 26-34
1. Pincetl, S. 1986. Hazardous waste regulation in California - Institutional inertia and public. *Ecodevelopment News*. 74-81

### **Book Chapters**

Pincetl S., Porse E., 2017. The coevolution of infrastructure, governance and urban ecology. In *Pragmatic Sustainability; Dispositions for Critical Adaptation*. (Ed) Steven A. Moore. London and New York: Routledge.

Pincetl S., 2016. *Post Carbon Cities in The Experimental City* (Eds: J.Z. Evans, A. Karvonen, R. Raven). New York: Routledge.

Pataki DE, Jenerette GD, Pincetl S, Trammell TLE, Ervin L. Urban Ecosystems. In: *Ecosystems of California – A Source Book*. Mooney HA, Zavaleta ES, Eds. University of California Press, 2015.

Pincetl S\*. Santos M, Watt T. Land Use Regulation for Resource Conservation. In: *Ecosystems of California – A Source Book*. Mooney HA, Zavaleta ES, Eds. University of California Press, 2015. In press

Pincetl, S. \*, Franco, G., Grimm, N. B., Hogue, T. S., Hughes, S., Pardyjak, E., Kinoshita, A. M., & Jantz, P. Chapter 13: Urban Areas. In: Garfin, G., Jardine, A., Merideth, R., Black, M., & LeRoy, S. (Eds.), *Assessment of Climate Change in the Southwest United States: a Report Prepared for the National Climate Assessment*. A report by the Southwest Climate Alliance. Washington, DC: Island Press, 2013.

Pincetl, S. A living city: using urban metabolism analysis to view cities as life forms. In F. Zeman (Ed). *Metropolitan Sustainability: Understanding and Improving the Urban Environment*. Cambridge: Woodhead Publishing, 2012.

Pincetl, S. Urban water conflicts in the western United States. In B. Barraque (Ed.), *Urban Water Conflicts*. Paris, France: UNESCO, 2012.

Barraque, B., and Pincetl, S. Ressources naturelles : le retour du territoire. In Jacquet Pierre, R. K. Pachauri & L. Tubiana (Dirs.). *Regards sur la Terre, L'annuel du Développement Durable*. pp.169-179. Paris, France: *Presses de Sciences Po*, 2010.

Barraque, B., and Pincetl, S. The city returns to its hinterland for natural resources. In J. Pierre, R. K. Pachauri, & L. Tubiana (Eds.), *Cities: Steering for Sustainability, A Planet for Life series*. pp.119-131. AFD-IDDRI-TERI, 2010.

Pincetl, S. Land use planning in the United States. *Encyclopedia of Geography*. Edited by B. Solomon. Sage Publications, 2009.

Pincetl, S\*. Katz, B. The Imperial Valley of California: Water, agriculture, urban growth: What is sustainable? *Capitalist Sustainabilites/Sustainable Capitalism, A Critical Examination of the Politics of Sustainability*. Edited by D. Gibbs & B. Krueger. Guilford University Press, 2007.

Pincetl, S. Urban sustainability and nature in the city: The need for interdisciplinarity. (La durabilité urbaine et la nature en ville; La nécessité d'interdisciplinarité.) *What is the Sustainable City: From the Political to the Scientific*. (Qu'est-ce Que la Ville Durable: Du Politique au Scientifique.) Nicole Mathieu & Yves Guermond (Eds.), Elsevier, 92-105, 2005.

Pincetl, S. Social movements and the urban environment in the Los Angeles region SENS. *State University of Parana, Curitiba Brazil*. Special colloquium publication, 76-87, 2004.

Pincetl, S. The preservation of nature at the urban fringe. *Up Against the Sprawl, Public Policy and the Making of Southern California*. J. Wolch, M. Pastor & P. Drier (Eds.), Minneapolis, MN: University of Minnesota Press, 2004.

Wolch, J., Pincetl, S. and Pulido, L. Urban nature and the nature of urbanism, in *From Chicago to LA: Making Sense of Urban Theory*. M. Dear (Ed.), Thousand Oaks, CA: Sage Publications, 2002.

Pincetl, S. The politics of influence: Democracy and the growth machine in Orange County, U.S. *The Urban Growth Machine: Critical Perspectives, Two Decades Later*. A. Jonas & D. Wilson (Eds.), Buffalo, NY: State University of New York Press, 1999.

Pincetl, S.\*, FitzSimmons, M., Montemore, R., and Glazer, J. Environmental movements and the state, in *Democracy and Ecology*. M. O'Connor (Ed.), New York, NY: Guilford Publications, 198-216, 1994.

Pincetl, S. The Spotted Owl, Endangered species and the urbanization of nature. (Le Hibou Tacheté, Les espèces en voie d'extinction et l'urbanization de nature.) *Special Colloquium Collection of the Social Functions of Nature*. Paris, France: SORISTEC/CNRS & the French Department of the Environment, 63-74. 1993.

### **Book Reviews**

Pincetl, S. A Squatter's Republic: Land and the Politics of Monopoly in California, 1850-1900, by Shelton T.V. *The American Historical Review* 120:246-247, 2015.

Pincetl, S. Planning Paradise: Politics and Visioning of Land Uses in Oregon, by Peter Walker and Patrick Hurley, *H-Net Reviews*, 2012.

Pincetl, S., New Guardians for the Golden Gate: How America Got a Great National Park, by Amy Meyer, *Southern California Quarterly*, 2008.

Pincetl, S., LEGACY: Portraits of 50 Bay Area Environmental Elders, by Nancy Kittle and John Hart, *California History*, 2007.

Pincetl, S. Perceptions of Immigrant and Invasive Species: Strangers on the Land, by Peter Coates, *Journal of American History*, 2007.

Pincetl, S. Urban Parks entry, by P. Robbins (ed.), *Encyclopedia of Environment and Society*, 2007.

Pincetl, S. Saving Open Space, the Politics of Local Preservation in California, by D. Press, *The Public Historian*, 2003.

Pincetl, S. Down to Earth, Nature's Role in American History, by T. Steinberg, *The American Historical Review*, 2003.

Pincetl, S. Something in the Soil: Legacies and Reckonings in the New West, by P. Limerick, *The American Historical Review*, 2000.

Pincetl, S. "Beyond Nature: the Environment, Social Observations of the Environment in France and the United States", by B. Kalaora, *Les Etudes Sociales, Revue de la Societe d'Economie et de Science Sociales*, 1999.

Pincetl, S. Forests Considered with Regard to their Impacts on the Physical nature of the Globe and on Societies” by F. Le Play, Fontenay/Saint-Cloud: *E.N.S. Editions Annals of the Association of American Geographers*, 1998.

Pincetl, S. Landscape and Memory by S. Schama and Forests, The Shadow of Civilization by R.P. Harrison, Les Etudes Sociales, *Revue de la Societe d’Economie et de Science Sociales*, 1997.

Pincetl, S. Forests Considered with Regard to their Impacts on the Physical nature of the Globe and on Societies, by F. Le Play, texte etabli et presente par Antoine Savoye et presente par Antoine Savoye et Bernard Kalaora, Fontenay/Saint-Cloud: *E.N.S. Editions for Environmental History Review*, 1997.

Pincetl, S. Environmental Politics in France, by B. Prendiville, *Journal of Forest and Conservation History*, 1997.

Pincetl, S. Power/Resistance, Local Politics and the Chaotic State, by Andrew Kirby, *Journal of the American Planning Association*, 1994.

Pincetl, S. Made From this Earth: American Women and Nature,” by Vera Norwood, *Gender, Place and Culture*, 1994.

Pincetl, S. Environmental Problems: Nature, Economy and State, by R.J. Johnston, London: Belhaven Press, *Political Geography*, 1992.

Pincetl, S. The Global Environment Movement: Reclaiming Paradise, by J. McCormick, London: Belhaven Press, *Political Geography*, 1991.

Pincetl, S. The Quiet Evolution: Power, Politics, and Planning in New York State, by M. Heiman, *Journal of the American Planning Association*, 1991.

Pincetl, S. The Quiet Evolution, by M. Heiman, *Political Geography*, 1990.

Pincetl, S. La Forest Paciffee, by A. Savoye & B. Kalaora, *Journal of Forest and Conservation History*, 1988.

Pincetl, S. The Politics of Land Use Reform, by Frank Popper, *Journal of Coastal Zone Management*, 1982.

### **Editorials/Reports**

Los Angeles County Sustainability Plan 2019.

Federico, F, Pincetl S., Fournier E., Porse E. , Yating Chuang Y., Delmas, M., Williams R., Perkins C., Costa M., Diaz D.. 2019. Accelerating Advanced Energy Community Deployment Around Existing Buildings in Disadvantaged Communities. *Accelerating Advanced Energy Community Deployment Around Existing Buildings in Disadvantaged Communities*. California Energy Commission. Publication Number: CEC-500-2019-010.

Chuang Y., Delmas M., Federico F., Fournier E., Pincetl S. 2018. Energy Efficiency Program Effectiveness Analysis Final Report. March 27, 2018. *Accelerating Advanced Energy Community*

*Deployment Around Existing Buildings in Disadvantaged Communities*. California Energy Commission. Publication Number: CEC-500-2019-010.

Burillo D., Chester M., Pincetl S., Fournier E., Daniel Walton D., Sun F., Reich M.S.K., Hall A., Climate Change in Los Angeles County. 2018. Grid Vulnerability to Extreme Heat. California's Fourth Climate Change Assessment CCCA4-CEC-2018-013

Pincetl S., Gillespie, T.W., Pataki D., Porse E., Jia S., Kidera E., Nobles N., Choi D., 2017. Evaluating the Effects of Turf-Replacement Programs in Los Angeles County. The Metropolitan Water District of Southern California's Incentive Program Since 2015. for the Metropolitan Water District. 2017

Mika K., Gallo E., Porse E., Hogue T., Pincetl S., Gold M. 2018. LA Sustainable Water Project Los Angeles Citywide Overview. the LA Bureau of Sanitation. This report is a product of the UCLA Institute of the Environment and Sustainability, UCLA Sustainable LA Grand Challenge, and Colorado School of Mines.

Gurney K., Romero P. Pincetl S. 2018 Urban Chapter, State of the Carbon Cycle Report -2.

Ramaswami A., Pincetl S. 2017: Articulating a Long-Term Convergence Research Agenda. A Report from the NSF Advisory Committee for Environmental Research and Education. Prepared by the Sustainable Urban Systems Subcommittee.

Ramasubramanian, L., Pincetl, S. 2015 Editorial overview: System dynamics and sustainability: Context and scale matter: harnessing the power of place-based innovations through university-community partnerships for sustainability. *Current Opinion in Environmental Sustainability* 17:v-vii.

Pincetl, S. "In L.A. Brown is Beautiful Again". October 2014. Zocalo public Square

Pincetl, S. "Generating the Post Carbon City". *Future Structure*. May. 2014.

Hogue, T. and S. Pincetl. "What L.A. Can Do to Prepare for a Drier Future". *Los Angeles Times*. February 2014.

Pincetl, S. "Urban Forestry, Toward an Ecosystem Services Research Agenda, a Workshop Summary", National Research Council, Washington DC: The National Academies Press pp. 13-16. 2013.

Matute, J. and S. Pincetl. "Unraveling Ties to Petroleum: How Policy Drives California, Understanding how policies determining everything from mortgage tax deductions to parking lots are intertwined with California's demand for oil". June 2013.

Pincetl, S., G. Franco, N. Grimm, T. Hogue, S. Hughes, E. Pardjak, A. Kinoshita, and P. Jantz. "Assessment of Climate Change in the Southwest United States: a Technical Report Prepared for the U.S. National Climate Assessment". A report by the Southwest Climate Alliance. [G. Garfin, A. Jardine, R. Merideth, M. Black, & J. Overpeck (Eds.)] Tucson, AZ: Southwest Climate Alliance. 267-291. 2012.

Pincetl, S. "Potential Targets and Benefits for Sustainable Communities." Research funded by the Public Interest Energy Research Program, *California State Energy Commission*. 2009.

Pincetl, S. "What Brings Children to the Park? Analysis and Measurement of the Variables Affecting Children's Use of Parks." Report prepared for the Haynes Foundation. 2008.

Pincetl, S. "Special issue of Local Environment on the political ecology of urban greening." 12(2): 87-92. 2007.

Park, M.H., Pincetl, S., and M. Stenstrom. "Proposition O: Clean Water, Ocean, River, Beach, Bay Storm Water Cleanup Measure – General Obligation Bond: Evaluating the Implementation." Final Report for the John Randolph Haynes and Dora Haynes Foundation. 2007.

Park, M.H., Pincetl, S. and M. Stenstrom. "Proposition O: Clean Water, Ocean, River, Beach, Bay Storm Water Cleanup Measure – General Obligation Bond: Technical Analysis of Water Quality Benefits." Final Report for the John Randolph Haynes and Dora Haynes Foundation. 2007.

Park, M.H. and S. Pincetl. "Proposition O: Clean Water, Ocean, River, Beach, Bay Storm Water Cleanup Measure – General Obligation Bond: 2005-2006" An Evaluation of the First Year of Implementation with Recommendations for Round Two, for the John Randolph Haynes and Dora Haynes Foundation. 2006.

Pincetl, S. and P. Alagona. "The Coachella Valley Multiple Species Habitat Conservation Plan/Natural Community Conservation Plan. Compliance with the Federal Endangered Species Act and Land use planning Considerations," *California Policy Research Center*. September 2005.

Pincetl, S. and T. Burman. "Poor are slighted on L.A. city recreational resources", *Los Angeles Times*, M5. May 29, 2004.

Pincetl, S., Wolch, J., Wilson, J. and T. Longcore. "Towards a Sustainable Los Angeles: a 'Nature's Services' Approach," *Center for Sustainable Cities*, pages 1-51. 2003.

Pincetl, S. "Using Parks and Open Space to make an Urban Metropolis," *The Los Angeles Forum for Architecture and Urban Design*, online newsletter, issue 5: Parks at [www.laforum.org/issues/issue5.php](http://www.laforum.org/issues/issue5.php), Spring 2003.

Pincetl, S. "Building the Green Metropolis" in Finding Solutions, Southern California Studies Center Urban Policy Co-Sponsored by the Southern Studies Program and the USC Lusk Center for Real Estate, Antonio Villaraigosa and Jennifer Wolch (eds). 2002.

Pincetl, S. "Having Nature and Protecting it Too," *Los Angeles Times*, M6, May 7, 2000.

Pincetl, S. "Rapport d'Evaluation de Recherches du PIR Villes," for the Programme Interdisciplinaire de Recherches sur la Ville of the Centre National de Recherche Scientifique, July 1995.

Pincetl, S. "Conserving the California Spotted Owl: Impacts of Interim Policies and Implications for the Long-Term," *Wildland Resources Center*, Division of Agriculture and Natural Resources, University of California Davis, C., pages 1-22. May 33, 1994.

Pincetl, S. "Must a Clean Environment Come at the Cost of Jobs?," *Los Angeles Times*, M5, June 29, 1989.

Pincetl, S. "The Food-Energy Nexus in California: Agriculture's Response to the Crisis, A Case of Price Responsiveness?," *United Nations University Report*. June 1987.

## **Blogs**

The Nature of Cities, quarterly blog: <http://www.thenatureofcities.com>

### **Public Interest Urban Sustainability**

www.spincetl.com

#### Interactive Web Energy Atlas for Los Angeles County

Web atlas displaying building energy use (electricity and natural gas, combined BTU + GHG emissions) based on address level billing data for all of Los Angeles County. Displays building energy use by neighborhood, city and council of government by building type, age, square foot and use. Provides analysis of solar potential. Describes building energy use by income and ownership. Overlays county assessor data, census data and Cal Enviro Screen.

#### Interactive Web Water Atlas for Los Angeles County

Web atlas of all water providers in Los Angeles County, showing boundaries, median income, average annual water use, type of water provider (public, private and non-profit). Adds ground water resources and management.

### **Grant Funding**

#### Current

- |           |  |
|-----------|--|
| 2020      | Energy Atlas. Southern California Edison. \$272,727.   |
| 2018-2020 | Strategic Growth Council: Coupling Community Knowledge with Big Data Tools to Facilitate Equitable Energy Transitions, \$638,881.  |
| 2018-2020 | California Energy Commission: EPC17-050, Using Big Data to Holistically Assess Benefits from Building Energy System Transition Pathways in Disadvantaged Communities, \$1,098,662. |
| 2018-2019 | County of Los Angeles: Los Angeles County Sustainability Plan, \$638,188.  |
| 2018      | County of Los Angeles: Interactive Web-Based Energy Atlas to Improve Energy Efficiency and Climate Planning in Performance for the County of LA, \$350,000.                        |
| 2017-2018 | California Energy Commission: PIR 16-023, Evaluation of Community Scale Solar Water Heating in Los Angeles, \$240,404.   |
| 2016-2018 | California Energy Commission: EPC15-007, Climate Change in Los Angeles County: Heat and Grid Vulnerability, \$500,000.   |

#### Past

- |           |   |
|-----------|---|
| 2017-2018 | Los Angeles Department of Water and Power: Mapping Electricity and Water Data, \$150,000.   |
| 2016-2018 | California Energy Commission: EPC15-061, Accelerating AEC Deployment Around Existing Buildings in Disadvantaged Communities Through Unprecedented Data Analysis and comprehensive community engagement, \$1,410,904.60. |

- 2014-2018 County of Los Angeles: Interactive Web-based Energy Atlas to Improve Energy Efficiency and Climate Planning in Performance for the County of LA, \$1,575,000.
- 2013-2017 Los Angeles County Metropolitan Transportation Authority: A Greater L.A.: The Framework for Regional Climate Action and Sustainability, \$510,154.17
- 2012-2017 NSF-WSC-Category 3: 20141693, Collaborative: The Role of Local Water Resources in the Water Sustainability of Los Angeles, \$1,025,640.98.

#### Invited Presentations & Key Note Addresses

- 2019 International Conference on Applied Energy: Critical Data for Energy Transitions: Lessons from California. Invited Keynote speaker.
- 2019 University of Victoria: Accelerating Energy System Transformation EnVision 2019 Energy Vision Conference May 2-3.
- 2018 Research Institute for Humanity and Nature, Kyoto. The Anthropocene and the Humanities. December 13-14
- 2018 American University of Beirut: Energy Transitions Conference December 6.
- 2018 SESYNC workshop on Changing Urban Forests November 12-15
- 2018 University of Colorado, Boulder School of Law: What Lies Beneath – Groundwater Use and Management
- 2018 University of Oklahoma Seminar on Cities in the Anthropocene
- 2018 International Society for Industrial Ecology Webinar on City Futures for a Post Carbon Age
- 2018 California State Energy Commission Expert Panel on Scaling up Clean Energy Solutions
- 2017 Lawrence Berkeley Labs Presentation on Energy Atlas for the International Energy Association Annex 70
- 2016 Association of Pacific Rim Universities, Sustainable Cities and Landscapes
- 2016 Resource Futures for Sustainable Urbanization Research Symposium
- 2016 Summer Institute of Urban Studies, s26-30, University of Manchester, Manchester UK
- 2016 Advisory Committee for Environmental Research and Education to the National Science Foundation: Future of Sustainable City Research. National Science Foundation
- 2015 Cal Tech Water Workshop, Resnick Institute. Water Resilience and Sustainability: Can we Make LA Water Self-Sufficient
- 2015 University of Toronto. Cities of Learning: The University in the Americas. Helping Cities Navigate Global Climate Change: A Critical Role for Urban Research Universities
- 2015 Architectural League and Institute for Sustainable Design. The Institutional Architecture of Water Management in Los Angeles County. New York City
- 2014 CUASHI 4<sup>th</sup> Biennial Colloquium on Hydrologic Science and Engineering Science. “Water across the critical zone: Scaling from Local to Global Hydrology. Shepherdstown WV
- 2014 Gordon Research Conference, Plenary Presentation: An Urban Metabolism Approach to Los Angeles
- 2014 University of California Drought Summit, Challenges and Opportunities: Water Management in California’s Regions – what do we not know? Keynote
- 2014 National Academies of Science Graywater/Stormwater Research Council meeting
- 2013 Governing FutureStructure, Built Environment Summit, Key note address for Governing Conference, sponsored by Governing, e-republic. San Francisco
- 2012 University of California Center Sacramento, invited lecture
- 2012 Keynote Panel: The Center for Dialogue and Analysis on North America “Sustainable Cities: What are They, and How do We Get to Them?” Invited Speaker. Mexico City

- 2010 National Conference: A Community on Ecosystem Services, Gila Indian Community, Arizona. Ecosystem Services and Urban Metabolism studies,
- 2010 Arizona State University Long Term Ecological Research Central Arizona Project annual meeting Key Note Speaker
- 2009 Issues in Urban Sustainability. Worcester Polytechnic University
- 2009 Implementing a Nature's Services Infrastructure: the Case of a Million Trees Los Angeles National Conference on Ecosystem Restoration,
- 2009 The Yet Uncertain Science of Valuing Nature's Services, Oak Woodlands Strategic Alliance, Los Angeles County
- 2009 Sustainability and the Colorado River: Trade-offs in Southern California. Environment Now
- 2009 Agir sur l'environnement; Los Angeles, divers programmes opportunistes, disparates et contraintes. Institut d'Urbanisme, Universite de Paris XI1
- 2009 Plans Climat: Ville, Region, Etat: Un panorama des Challenge en Californie du Sud, University of Geneva
- 2009 Global Green USA, Green Urbanism Leaders Summit
- 2009 Distinguished Speaker University of California Geography Graduate Group speakers series on the History of California's Landscapes: The Political History of Development in Southern California
- 2008 Planting a Million Trees in Los Angeles, What have we Learned: Two Years of Research. A Conference on Ecosystem Services, Naples Florida
- 2008 Department of Defense workshop on sustainability
- 2008 Cambria Land Trust, It's the Land Use, Not the Fires, Not the Water. Where do We Go From Here?
- 2008 American Planning Association, California Section. Invited speaker on panel: Is a State Plan Necessary for California?
- 2007 Planning and Conservation League Symposium, The Need for a New Land Use Paradigm,
- 2006 Centre de Sociology des Organizations, Centre National de Recherche Scientifique, Coupled Social/Biophysical Science Urban Research, New Research in the City
- 2006 University of Hull, Geography Department. The Imperial Valley of California, What Issues for Sustainability?
- 2006 University of Lisbon, Physics Department, Coupled Social/BioPhysical Science, Urban Research on Sustainability
- 2005 Twenty-fifth Biennial Ground Water Conference of the UC Center for Water Resource And the Fourteenth Meeting of the Groundwater Resources Association Sacramento
- 2005 The Future of Metropolitan Landscapes, Landscape Architecture and Environmental Planning, UC Berkeley
- 2004 California at Fifty Million, Colloquium Series, Institute of Urban and Regional Development, UC Berkeley
- 2004 Attorney General Bill Lockyer, invited presentation on the Future of Urban Parks in California. Organized session
- 2004 California Air Resources Board, invited presentation on Environmental Health Land Use Guidelines, Study Session
- 2003 Southern California Water Committee: Is Water Self-Reliance a Poison or Panacea?
- 2003 American Society of Environmental History, Keynote speaker, Mainstreaming the Marginal, Environmental History and Environmental Justice, Rhode Island
- 2003 Keynote speaker, Stanford University, Historical Trends in Land Use Planning in the West'' Conference on Land Use Planning Then & Now: Twentieth-Century Realities in the Metropolitan West. Program for the Study of the North American West

- 2003 Nature's Services in a Dense Urban Environment, Tools for Analysis, University of New Mexico, Economics Department
- 2002 *Ecole Nationale des Ponts et Chaussées and Institut National de Recherche Agronomique*, A Green Infrastructure for the American City in the 21<sup>st</sup> Century (*Un Cadastre Vert Pour la Ville Americaine au 21eme Siècle*)
- 2002 California Water Policy Conference, 12<sup>th</sup> Annual, The Mastery of Mastery, keynote address, Los Angeles
- 2002 SENA State University of Paraná "Social Movements and the Urban Environment in the Los Angeles Region" National Workshop on "Urban Social Impacts: Challenges and Solutions," Curitiba, Brazil
- 2000 UCLA Geography Department colloquium "Transforming California, a Political History of Land Use and Development," Seminar series
- 2000 Nature, Science and Society (Natures, Sciences, Sociétés, Journées 2000) Conference, Paris, France, Urban Sustainability and Nature – What is at Stake? *La Durabilité Urbaine et la Nature: Quels Enjeux?*
- 2000 Second Sustainable Cities Network Conference, Manchester England, Perspectives on Balancing Economic, Social and Environmental Goals for a Sustainable Future
- 2000 Social Venture Network Conference, Los Angeles "Eco-Industrial Parks and Design for Environment, Emerging areas for Entrepreneurial Investment,"
- 1998 National Science Foundation Research Workshop, Towards a Comprehensive Geographic Perspective on Urban Sustainability Center for Urban Policy Research, Rutgers University

#### Invited Workshops

- 2015 Cities of Learning: the University in the Americas. A symposium at the University of Toronto, May 11-12, Panelist.
- 2015 The Architectural League NY. The 5,000 LB Life. The Institutional Architecture of Water Management in Los Angeles County
- 2014 Consortium of Universities for the Advancement of Hydrologic Science Inc. Water Across the Critical Zone. The Management of Urban Water – What We Don't Know Can Matter
- 2014 International Pavement Life Cycle Conference. Urban Metabolism What is it and Why is it Useful? April 25
- 2014 California Drought Summit Challenges and Opportunities: Water Management in California's Regions: what do we not know?
- 2014 Gordon Research Conference . An Urban Metabolism Analysis for Los Angeles County, June 1-6
- 2013 Infrastructure Transitions for the 21<sup>st</sup> Century City; Toward Future Structure, Governing Inc. Nov. 11-12
- 2013 Workshop on Human-Carbon Interactions in Urban Systems, University Consortium for Atmospheric Research, October 16-18, Boulder, CO.
- 2012 National Academy of Sciences Workshop, Urban Ecosystem Services, Washington DC. Invited speaker, October 29-30, (postponed due to weather)
- 2012 ESPSRC Retrofit 2050 International Urban Retrofit Workshop: Theories and Concepts, Dynamics and Practices, Politics and Implementation, Manchester UK. September 13-14
- 2011 Pickett et al., Second workshop of Equity and Urban Ecosystem Services, National Center for Ecological Analysis and Synthesis
- 2011 National Climate Assessment Workshop: National Cross Cutting Issues, Columbia,
- 2011 National Climate Assessment workshop: Southwest region technical report authors, Boulder Colorado,
- 2011 Linking Ecology and Ethics for a Changing World: Values, Philosophy and Action, Carey Institute,

- 2010 Pickett et al workshop of Equity and Urban Ecosystem Services, National Center for Ecological Analysis and Synthesis
- 2006 Costanza et al workshop on Ecosystem Services, National Center for Ecological Analysis and Synthesis

Conferences

- 2019 American Association of Geographers. Land Development and Electrification.
- 2016 American Association of Geographers. Smart and Sustainable Cities Panel Chair, Sustainable Cities Panel Chair
- 2015 American Association of Geographers. Theorizing Political Industrial Ecology Questions
- 2014 A Community for Ecosystem Services. Urban Forestry Research and Tools for Ecosystem Services Decision-Making. Washington DC
- 2014 American Society for Environmental History, Risk and the Suburbs: Historical Political Ecologies of Fire, San Francisco
- 2013 Conference of the European Society for Environmental History. The Restoration of the Los Angeles River, an Opportunity for Revaluing Real Estate, or Reintroducing Nature?
- 2011 Expanding Urban Metabolism: Coupling Methodologies and Integrating Social Factors, a Pilot for Los Angeles County, American Geophysical Union
- 2011 Climate Planning in the Fragmented Metropolis: Los Angeles the Locus of Experimentation, American Association of Geographers
- 2010 Green Jobs or the New Quick Fix? Musings Toward an Analysis, American Association of Geographers
- 2009 Implementing a Nature's Services Infrastructure, What Have Scientists Learned from Million Trees Los Angeles, National Conference on Ecosystem Services, Los Angeles
- 2008 Implementing a Nature's Services Infrastructure: the Case of a Million Trees Los Angeles, A Conference on Ecosystem Services: Using Science for Decision-Making in Dynamic Systems, Naples, Florida
- 2008 The Politics of Conservation in Southern California: Applying a Political Economy Perspective to Habitat Conservation for Endangered Species Protection. International Political Geography Colloquium, Reims France,
- 2007 Mixed up Nature, What are Urban Parks Today? International Symposium on Society and Resource Management
- 2007 Habitat Conservation in the Coachella Valley, Poster Presentation, American Association for Environmental History
- 2006 Diversity and conservation values in the city: are new values compatible with old uses? The new sustainability paradigm. American Association of Environmental Historians
- 2006 Bridging the divide: how land use planners and conservation biologists join forces to achieve resource protection in California." Society for Conservation Biology, Conservation Without Borders
- 2005 The Evolution of Environmental Movements in Los Angeles, American Society Environmental History
- 2004 Toward a New Park and Open Space Paradigm, California Chapter of the American Planning Association
- 2004 The Political Ecology of Water Transfers: The Imperial Irrigation District and The San Diego County Water Authority. American Association of Geographers
- 1999 Planning and the Environment National Meetings, American Schools of Collegiate Planners
- 1998 The State, the Non-Profit and Constructing the Local Through Multicultural Health Care Delivery, National Meetings, Association of American Geographers
- 1994 The California Spotted Owl, the Endangered Species Act and the Urbanization of Nature, Association of American Geographer's meetings, San Francisco

- 1994 *La Democratie face au Défi; Les Emigrés et la Politique Locale à Los Angeles. Cities, Enterprises and Society at the Eve of the XXIst Century* sponsored by the *Institut Fédératif de Recherche sur les Economies et les Sociétés Industrielles* and the *Programme Interdisciplinaire de Recherche sur la Ville of the Centre National de la Recherche Scientifique, Lille, France*
- 1993 Restructuring Citizenship – Latino Immigrants and Political Organizing in Los Angeles, American Schools of Collegiate Planners
- 1993 *Le Hibou Tacheté, Les Espèces en Voie d'Extinction et l'Urbanization de la Nature* presented at the International Symposium on the Social Functions of Nature, International Sociological Association, in conjunction with the *Société et Risques Scientifiques et Techniques Groupe de Recherche* of the *Centre National de Recherche Scientifique* and the Department of the Environment of France, Chantilly, France
- 1993 The New Citizenship, Association of American Geographers
- 1992 Panelist, The New Suburbs, at the Dancing on the Brink Conference, Center for California Studies
- 1991 Critical Ecologies: Cultural, Feminist, and Political, Association of American Geographers meetings, Miami
- 1990 Struggles over Place and the Meaning of Life, American Collegiate Schools of Planning
- 1990 Growth Control Struggles in Pasadena, California, American Association of Geographers,
- 1989 The Pitfalls of Progressivism: Who are the Locals? The Case of Pasadena, Association of Collegiate Planners
- 1989 Panel Participant: Author meets critics: Sidney Plotkin defends his *Keep Out; The Struggle for Land Use Control*, American Association of Geographers
- 1988 Co-optation or Disinterest? Environmental Movements and Politics in France National Meetings, American Association of Geographers meeting
- 1985 American Association of Geographers
- 1975-83 Environmental Policies and Politics of the Brown Administration

#### Invited Scholar

- 2020 Distinguished Fulbright Scholar, Geography Department, University of Manchester, Geography department.
- 2017 Research Institute for Humanity and Nature, Kyoto Japan
- 2017 University of Manchester Geography Department

#### Administrative, Research, and Organizational Leadership Positions

- 2020 *Faculty Senate Representative for UCLA*, Advisory Committee to Alianza UCMX Advisory Committee
- 2019 *Co-lead*, Los Angeles County Sustainability Plan
- 2017 *Co-Author*. Sustainable Urban Systems research recommendations for the AC-ERE.
- 2017 *Co-Author*, State of the Carbon Cycle Report 2, Chapter on Cities
- 2001-13 *Lead Author*, Urban Chapter, Southwest Technical Report National Climate Assessment
- 2011-13 *Contributing Author*, Urban Section, National Climate Assessment,
- 2008- *Steering Committee*, L. A. Regional Climate Change Collaborative Fund. Developed, coordinated with academic research, leadership of approach to regional issues
- 2007-08 *Appointee*, Governor's Taskforce on Alluvial Fans
- 2005 *Member*, Los Angeles City Bureau of Reclamation Steering Committee. Implemented policy for the Mayor's One Million Trees for Los Angeles initiative

- 2004 *Consultant*, Bureau of Sanitation, City of Los Angeles. Developed sustainability indicators for Regional Integrated Plan
- 2004 *Stakeholder Representative*, Santa Ana Watershed Protection Authority. Developed innovative integrative environmental watershed management approaches for conserving prime alluvial ground water recharge capacity for San Bernardino County, 2002-2004.
- 1992-2000 *Chair*, Board of Directors, Communities for a Better Environment. Led transition from a traditional environmental advocacy organization to an environmental justice organization. Initiated interface between academic research and CBE's urban environmental health, land use, and justice program. Shaped fund development content and proposals. Managed organization and led Board
- 1997-98 *Consultant*, The California Endowment, California Institute of Technology team. Developed indicators of Multicultural Health Care Provision in L.A. County. Acted as interface between grant makers and academic research, including urban environmental health considerations and immigration. Developed policy recommendations for Foundation funding in region
- 1996 *Fulbright Scholar*, Paris France. Studied comparative environmental justice, urbanization and gentrification
- 1994 *Consultant*, Interdisciplinary Urban Research Project, (Projet Interdisciplinaire Villes), of the French National Center for Scientific Research (Centre National de Recherche Scientifique). Reviewed all urban research funding, wrote critical evaluative report to guide further funding by agency
- 1992-94 *Member*, Steering Committee and Implementation Team for California Spotted Owl Assessment for the US Forest Service, Pacific Southwest Region, California Department of Forestry and Fire Protection, and the University of California Wildland Resources Center. Set agenda for research on Southern California chapter and wrote analysis and policy recommendations

#### Professional Service

- 2020 Advisory Committee: Healthy Soil for Healthy Communities Initiative, TreePeople Accelerated Climate Resilience, Rockefeller Foundation.
- 2019 NSF panel, proposal reviewer for Hydrology and INFEWS
- 2015 to present Editorial Board *Frontiers in Urban Ecology*
- 2015 Appointed Regional Planning Commissioner for Los Angeles County
- 2014 Board Member Theodore Payne Foundation
- 2014 South Coast Air Quality Management District SIP Advisory Board
- 2014 Cal Poly Pomona Masters of Science Regenerative Studies Program review committee
- 2012- *Editorial board*, Cambridge University Press: *New Directions in Sustainability and Society* book series
- 2011 *Member*, Technical Advisory Committee for the Western Wildland Environmental Threat Assessment Center, USFS
- 2011 *Member*, National Taskforce, Vibrant Cities and Urban Forests, US Forest Service & New York Restoration Project. Advise USFS about research priorities for urban natural resource stewardship
- 2008 to present *Academic Director*, Los Angeles Regional Collaborative for Climate Action and Sustainability
- 2009 *Advisor*, Los Angeles County Citizen Grand Jury, water policy in Southern California
- 2008 *Member*, California Environmental Justice Coalition for Water
- 2008-09 *Member*, County of Los Angeles Oak Preservation Task-Force

- 2007-09 *Governor's Appointee*, Southern California Alluvial Fan Taskforce. Mission developed a model ordinance to guide land use decision for alluvial fans
- 2007 *Advisor*, International workshop to review proposal for research strategy for the National Research Council of Oman, Muscat, Oman
- 2005 *Member*, National Science Foundation Review Panel, Office of International Science and Engineering, Partnerships for International, Research and Education
- 2002-2003 *Member*, National Academy of Sciences Ford Foundation Minority Predoctoral Fellows Award Committee
- 2002-2003 *Member*, Conference Planning Committee, American Society of Environmental Historians
- 2002 *Grant Proposal Reviewer*, the Austrian Science Fund
- 2002-04 *Member*, Conference Planning Committee, California Studies Association
- 2002 *Member*, Prize Committee, American Society of Environmental Historians

*Reviewer/panelist*, National Science Foundation Grants

*Referee: Landscape and Urban Planning, Environmental Management, Environmental Policy and Planning C, International Journal of Urban and Regional Research, Urban Geography, Journal of Industrial Ecology, Landscape and Urban Planning, GeoForum, Space and Polity, Environmental History Review, Society and Natural Resources, Journal of the American Planning Association, Antipode, Cities. Others*