

ENV 305: Fall 2016
Building, American Style: Land-Use Policies and Rules
Tuesday, 1:30-4:20, Lewis 117

Taught by Frank Popper, 848-932-2790, fpopper@rutgers.edu or fpopper@princeton.edu and Deborah Popper, 718-982-2907, dpopper@princeton.edu
Office hours: before and after class or by appointment, Guyot 028

Americans build and preserve a vast array of environments. The course examines the evolving incentives, regulations, and controls that drove choices of where, how, and with what results places develop or do not. The course focuses on land-use and environmental planning as a way to encourage or discourage growth and to mitigate or intensify its environmental, social, and economic impacts. It examines both the traditional and the latest tools for building and protecting the American landscape. Readings explore urban, suburban, and rural cases, analyzing them from historical, policy, and predictive perspectives.

Readings: Ray Tomalty and Alan Mallach, *America's Urban Future* (2016) and Anthony Townsend, *Smart Cities: Big Data, Civic Hackers, and the Quest for a New Utopia* (2013); and selected articles. Books are available at Labyrinth Books.

Students write a take-home and term paper. The exam, due November 22, responds to a prompt given out two weeks earlier. The term paper, which should be about 15 pages, focuses on a land-use policy issue the student selects. The student should explain and analyze its origins, context, concerns, interest groups, effects, and future directions. It may be useful to examine how the policy works in a particular place, situation, or period. A proposal for the paper is due October 25. Students should get an early start on the project. The last two classes consist of student panel presentations of their papers.

The proposal counts for ten percent of the grade, the exam thirty percent, the presentation ten percent, the paper forty percent, and class participation and general conscientiousness ten percent.

The instructors expect all written work to meet advanced collegiate standards of writing and will lower the grade of any work that does not. The instructors expect students to attend all classes.

Schedule

September 20	Introduction.
September 27	The historical background: D. Popper and F. Popper (eds.), draft of <i>American Land-Use Planning: A History in Documents</i> ,

introductions to Chapters 1-8, pdf on Blackboard, and selections from the documents reader: 1785 Land Ordinance excerpt, pdf on Blackboard; 1872 General Mining Act, at <http://www.usminer.com/the-general-mining-act-of-1872/>; F.L. Olmsted, "City Planning," *Art and Progress*, 1910 1(10): 284-290, <http://www.jstor.org/stable/20560164> from PULS; B. MacKaye, "Regional Planning and Ecology," *Ecological Monographs*, 1940, 10(3): 349-353, <http://www.jstor.org/stable/40101922> from PULS; Commerce Department, "A Standard State Zoning Enabling Act," 1926, at <https://www.planning.org/growingsmart/pdf/SZEnablingAct1926>; E. Larrabee, "The Six Thousand Houses That Levitt Built," *Harper's*, September 1948: 79-88, <http://harpers.org.ezproxy.princeton.edu/archive/1948/09/the-six-thousand-houses-that-levitt-built/> from PULS; Richard M. Nixon, Address to National Governors Association, July 12, 1954, pdf on Blackboard.

- October 4 The Urban problem: Tomalty and Mallach
- October 11 Shrinking cities: D. Popper and F. Popper, "New England and the Subtracted City," *Communities and Banking*, Spring 2011, at www.bos.frb.org/commdev/c&b/.../popper_subtracted_cities.pdf; A. Mallach and L. Brachman, "Regenerating America's Legacy Cities," 2013, at <http://ti.org/pdfs/LegacyCities.pdf>; R.M Silverman, L.Yin, and K.L. Patterson, "Municipal Property Acquisition Patterns in a Shrinking City: Evidence for the Persistence of an Urban Growth Paradigm in Buffalo, NY," *Cogent Social Science*, 2015, from PULS; D. Cardwell, "The Wind and Sun are Bringing the Shine Back to Buffalo," *New York Times*, July 20, 2015, at <http://www.nytimes.com/2015/07/21/business/energy-environment/the-wind-and-sun-are-bringing-the-shine-back-to-buffalo.html?emc=eta1&r=0>.
- October 18 Big data and its effects: Townsend.
- October 25 Environmental justice and planning for disasters: T. Beatley, "Resiliency to Disaster" in *Making Healthy Places*; A. Dannenberg, H. Frumkin, and T. Jackson (eds.), available as an ebook from PULS; *Journal of Architectural Education*, September 2006 issue symposium on New Orleans, at PULS; R.D. Bullard, "Differential Vulnerabilities, Environmental and Economic Inequalities and Government Response to Unnatural Disasters," *Social Research*, September 2008, at PULS. Proposal due.

- November 1 Fall break.
- November 8 Food and agriculture: “FoodWorks: A Vision to Improve NYC’s Food System,” at http://www.ngfn.org/resources/ngfn-database/knowledge/foodworks_fullreport_11_22_10.pdf; D. Chin, *et al.*, *Urban Farming in Boston: A Survey of Opportunities*, 2013, at http://ase.tufts.edu/uep/Degrees/field_project_reports/2013/Team_8_Final_Report_2013.pdf; M. VerPloeg, D. Nulph, and R. Williams, “Mapping Food Deserts in the United States,” at <http://www.ers.usda.gov/amber-waves/2011-december/data-feature-mapping-food-deserts-in-the-us.aspx#.VfBGkkt31g1>, December 1, 2011, at <http://www.ers.usda.gov/amber-waves/2011-december/data-feature-mapping-food-deserts-in-the-us.aspx#.VfBGkkt31g1>. Take-home exam distributed.
- November 15 Children: L. Mumford, “Planning for the Phases of Life,” *Town Planning Review*, 1949 20(1): 5-16, www.jstor.org/stable/40101922 from PULS; R. Louv, *Last Child in the Woods* (2005), excerpt, pdf on Blackboard.
- November 22 Take-home exam due—No class meeting.
- November 29 Animals: J. Sterba, “The Elegant Ungulate,” *Nature Wars*, pp. 86-117, pdf on Blackboard; D. Wilcove, *No Way Home: The Decline of the World’s Great Animal Migrations*, 2008, “Introduction” and “Conclusion,” available as an e-book from PULS; D. Popper and F. Popper, “The Onset of the Buffalo Commons,” *Journal of the West*, Spring 2006, reprinted in Fall 2009, pdf on Blackboard.
- December 6 Presentations.
- December 13 Presentations
- January 17 Dean’s Date: Paper due.