

UW

UNIVERSITY OF WASHINGTON

Department of Urban Design and Planning

Title: Introduction to Land Use, Growth Management and Environmental Planning (UrbDP 598F/450, 3 credits)
Class: Tuesdays and Thursdays, 5:00-6:20 pm
Gould 102
Quarter: Autumn, 2015
Instructor: Chang-Hee Christine Bae, Ph. D., Associate Professor

OFFICE HOURS & COMMUNICATION

Hours: Tuesday 1:30-2:30 pm, or by appointment
Office: Gould Hall 410C
e-mail: cbae@uw.edu
Fax: 206-685-9597

CLASS WEBSITES

Catalyst: <https://catalyst.uw.edu/workspace/cbae/51671/382557>
Assignments: <https://catalyst.uw.edu/collectit/dropbox/summary/cbae/36565>

gmforum*: <http://courses.washington.edu/gmforum>

*Discontinued class website because of lack of funding.

PURPOSE

This course deals with the overview of the linkages among land use, growth management and environmental impacts. Many cities and only a few states in the United States have adopted a variety of growth management measures and land use controls to attempt to maximize the social welfare benefits, including environmental benefits, from slower growth. In the field of urban growth management, there are many controversial views, e.g. urban economists vs. environmentalists and urban planners, centrists vs. decentrists, the urban-rural dichotomy, etc.

The focus of this course will be given to contemporary land use issues, especially sprawl, smart growth, sustainable development, the Washington State Growth Management Act, New Urbanism, Transit-Oriented Development, Green Growth. The prime purpose of the

course is to understand and to evaluate this experience, and to offer guidance on best-practice techniques of growth management. Because this course is an introductory course, we will focus more on the issues than the details. Students are encouraged (although it is not obligatory) to use Washington's Growth Management Act as a case study for the term paper.

OBJECTIVES

1. To understand the implications of "sprawl."
2. To develop a typology of growth management techniques.
3. To conceptualize the links between land use regulations and environmental, transportation and other social benefits.
4. To evaluate some of the controversies in the field relating to New Urbanism, Smart Growth, Transit-Oriented Developments (TODs), pedestrian pockets, energy conservation, urban growth boundaries, etc.
5. To assess the relative effectiveness of alternative growth management instruments.

6. To evaluate the relative success of the Washington GMA.

COURSE ASSIGNMENTS

1. Midterm Paper (35%; 1,500 words, main text)

Please choose one of the following topics;

- Definitions and implications of sprawl ["pros and cons of sprawl"], or
- "Is New Urbanism a solution to sprawl?" Essay partially based on field trip
- "Remaking of a suburban city" Essay partially based on field trip

2. Term Paper (55%; 2,500 words, main text): Case study of the Washington State Growth Management Act or a topic of your choice (please see below)

- Topic: 5%
- Presentation: 15%
- Paper: 35%

A team of two students can work together.

Potential topics: Regional Growth Centers, Transit Oriented Development/Communities, Central Link Light Rail, Seattle Street Car, South Lake Union-LEED ND, Issaquah Highlands: Zero Energy Neighborhood, Sammamish River Trail, Wetland Banking (Paine Field Airport), Green buildings, Application of Transfer of Development Rights, Critical Area Ordinance, Sustainable Development-Smart Growth-Green Growth, Growth Management and Travel Behavior, etc.

3. Class participation including class website/e-mail discussion (10%)

COURSE SCHEDULE

Session Topics and Readings

Part I. Sprawl and Its Dimensions

- 1-Oct** TH **1. Introduction**
- 6-Oct** T **2. Debate on Sprawl and the Alternatives to Sprawl**
Sprawl is good: Gordon and Richardson
Sprawl is bad: Ewing
Sources of Sprawl: Bullard, Randolph
Levittown: Gans
- 8-Oct** TH **3. Centrists vs. Decentrists**
Centrists: Le Corbusier
Decentrists: Howard, Wright, Breheny
- 10-Oct** SAT **4. Field trip: Remaking of Suburban Cities (9:30am - 12:30 pm)**
Redmond, Kirkland TC
Suburban densification, non-motorization, TODs, community character
Sammamish River Restoration
Depart Gould Loading Zone at 8:30 am

Part II. New Approaches to the Built Environment: Alternative Urban Forms

- 13-Oct** T **5. New Urbanism and TOD: Theory**
- 15-Oct** TH **6. New Urbanism and TOD: Examples and Discussion**
Orenco Station (Portland, OR); Kentland, MD; Issaquah Highlands, WA
- 17-Oct** SAT **7. Field trip: Downtown Issaquah and Issaquah Highlands (8:30 am - 1:30 pm)**
[Issaquah Highlands http://www.issaquahhighlands.com/](http://www.issaquahhighlands.com/)
Depart Gould Loading Zone at 8:30 am
- 24-Oct** FRI **Assignment 1: Midterm Paper Due**
<https://catalyst.uw.edu/collectit/dropbox/summary/cbae/36565>

Part III. Planning Efforts to Manage Land Use and Growth

- 27-Oct** T **8. Washington State Growth Management Act & Key Concepts**
Planning Goals, Urban Growth Areas, Citizen participation, Comprehensive Plan, Concurrency
Planning Goals:
<http://apps.leg.wa.gov/RCW/default.aspx?cite=36.70A.020>
Definitions:
<http://apps.leg.wa.gov/RCW/default.aspx?cite=36.70A.030>
Comprehensive Planning in WA
<http://mrsc.org/Home/Explore-Topics/Planning/General-Planning-and-Growth-Management/Comprehensive-Planning-Growth-Management.aspx>
- 29-Oct** TH **9. Seattle: Center City Strategy**
Gary Johnson, Project Manager
Department of Planning and Development, City of Seattle

Design Review Board

- 1-Nov** SUN **Termpaper Topic Due (OK to submit a tentative topic)**
- 3-Nov** T **10. Transfer of Development Rights: The Case of King County**
Darren Greve, TDR Program Manager, King County
<http://www.kingcounty.gov/environment/stewardship/sustainable-building/transfer-development-rights.aspx>
- 5-Nov** TH **11. Land Use and Disaster Management**
Bob Freitag, Institute for Hazard Mitigation Planning and Research, UW
<http://urbdp.be.washington.edu/people/faculty/affiliate/profiles/freitag.html>
- 10-Nov** SUN **Final Presentation Schedule**
- 10-Nov** T **12. Vision 2040 and Long Range Planning in the Puget Sound**
Ben Bakkenta, Program Manager, Growth Management Planning, Puget Sound Regional Council (PSRC)
<http://www.psrc.org/projects/vision/index.htm>
<http://www.psrc.org/growth/growing-transit-communities/>
- 12-Nov** TH **13. Affordable Housing**
Al Levine, Runstad Center for Real Estate Studies
<http://realestate.washington.edu/about/people/faculty/al-levine/>
- 17-Nov** T **14. Transportation Challenges: Travel Behavior, Market Incentives, Green Transportation**
http://www.seattle.gov/transportation/pedestrian_masterplan/
<http://www.seattle.gov/transportation/bikemaster.htm>
- 19-Nov** TH **15. Transportation Challenges: Parking**
<http://metro.kingcounty.gov/programs-projects/right-size-parking/>
http://www.sightline.org/research_item/who-pays-for-parking/
- 24-Nov** T **16. Shoreline Management; Salmon Endangered Species Act**
<http://www.ecy.wa.gov/programs/sea/shorelines/>
<http://mrsc.org/Home/Explore-Topics/Environment/Critical-Areas-and-Species/Endangered-Species-Salmon,-Bull-Trout,-Steelhead,/ESA-Overview-Salmon,-Bull-Trout,-Steelhead,-and-Ro.aspx>
<http://wdfw.wa.gov/publications/pub.php?id=00033> (land use planning)
- 26-Nov** TH **Thanksgiving**
- 1-Dec** T **17. Perils in Growth Management: UGBs, Takings and Property Righters**
Dolan v. City of Tigard, Kelo v. New London
Measure 37 and 49 (OR, 2004 and 2007), I-933 (WA, 2006)

Part IV. Presentations and Closing

- 3-Dec** TH **18. Presentations I**
- 8-Dec** T **19. Presentations II and Closing**
- 14-Dec** MON **Term Paper Due (Grade Due on 12/22)**

READINGS

The required readings and lecture presentations for the class are primarily to be found in the electronic readers of recent published papers available on the class website below

*Please click the hyperlink to read/download the article.

Readings:

1. Gans, Herbert (1967) "[Levittown and America](#)" in The City Reader. Richard T. LeGates and Frederic Stout, eds., pp.64-68. London, UK: Routledge.
2. Bullard, Robert (2000) "[Introduction: Anatomy of Sprawl](#)" Chapter 1, pp. 1-19 in Sprawl City. Robert Bullard, Glenn Johnson and Angel Torres, eds., Washington, D.C.: Island Press.
3. Randolph, John (2004) "[Land Use Planning for Environmental Management](#)" Chapter 3, pp. 36-52, in Environmental Land Use Planning and Management. Washington, D.C.: Island Press.
4. Lawson, Roger and William Wilson (1995). "[Poverty, Social Rights and the Quality of Citizenship](#)" Chapter 8, pp. 150-169 in Readings in Urban Theory. Susan Fainstein and Scott Campbell, eds.(2002) Malden, MA: Blackwell Publishing Ltd.
6. Gordon, Peter and Harry W. Richardson (1997), "[Are Compact Cities a Desirable Planning Goal?](#)" Journal of the American Planning Association, 63 (1): 95-106.
7. Ewing, Reid (1997), "[Is Los Angeles-Style Sprawl Desirable?](#)" Journal of the American Planning Association, 63 (1): 107-126.
8. Breheny, Michael (1996), "[Centrists, Decentrists and Compromisers: View on the Future of Urban Form](#)" Chapter, pp. 13-35, in The Compact City: A Sustainable Urban Form? London: E & FN Spon.
9. Howard, Ebenezer (1898) "[Author's Introduction](#)" and "[The Town-Country Magnet](#)" pp.321-329 in The City Reader. Richard T. LeGates and Frederic Stout, eds., London, UK: Routledge.
10. Le Corbusier (C.-E. J.) (1929) "[A Contemporary City](#)" pp.336-343 in The City Reader. Richard T. LeGates and Frederic Stout, eds. London, UK: Routledge.

11 . Wright, Frank.Lloyd (1935) "[Brodacre City: A New Community Plan](#)" pp.344-349 in The City Reader. Richard T. LeGates and Frederic Stout, eds., London, UK: Routledge.

12 . Richardson, H.W. and C.-H.C. Bae, eds. (2004) "Urban Sprawl in Western Europe and the United States" Aldershot, UK: Ashgate.

13. National Academy of Science (2009) **Driving and the Built Environment: The Effects of Compact Development on Motorized Travel, Energy Use, and CO2 Emmisions—Special Report 298**

14. Calthorpe, Peter (1989) "[The Pedestrian Pocket](#)" pp. 350-356 in The City Reader. Richard T. LeGates and Frederic Stout, eds., London, UK: Routledge.

15. Fulton, William (1996), [The New Urbanism: Hope or Hype for American Communities?](#) Washington, D.C.: Lincoln Institute of Land Policy.

16. Burns, Carol, et. al (2002), "[Urban or Suburban?](#)" Chapter 18 in Readings in Urban Theory. Susan Fainstein and Scott Campbell, eds., , pp; 362-385. Malden, MA: Blackwell Publishing Ltd.

17. Knaap, Gerrit-Jan (2005), "[An Inquiry into the Promise and Prospects of Smart Growth](#)" Chapter 4, pp. 61-79 in Towards Sustainable Cities. Andre Sorensen, Peter Marcotullio and Jill Grant, eds. Hampshire, UK: Ashgate.

18. Chinitz, Benjamin (1990), "[GrowthManagement: Good for the Town, Bad for the Nation?](#)" Journal of the American Planning Association, 56(1), 3-8.

19. Fishchel, William (1991), "[Good for the Town, Bad for the Nation?: A Comment](#)," Journal of the American Planning Association, 57(3), 341-344.

20. Neuman, Michael (1991), "[Utopia, Dystopia, Diaspora](#)" Journal of the American Planning Association, 57(3), 344-347.

21. Porter, Douglas R (1996), "[Growth Management: What It Is and What It Does,](#)" [Chapter 1](#), pp. 1-18, in Profiles in Growth Management. Washington, DC: The Urban Land Institute.

22 . Randolph, John (2004) "[Local Government Smart Growth Management for Environmental Land Use](#)" Chapter 37, pp. 141-168, in Environmental Land Use Planning and Management. Washington, D.C.: Island Press.

This will be supplemented by other important papers on reserve in the CBE library. In addition, there has been a wealth of books published in this field recently. I recommend the following books that are available at the CBE Library (Gould 3rd Fl).

Books on Sprawl and American City

Bruegmann, Robert (2005), *Sprawl: A Compact History*. Chicago: The University of Chicago Press [HT371.B74 2005]

Flint, Anthony (2006), *This Land: The Battle over Sprawl and the Future of America*. Baltimore, MD: The Johns Hopkins University Press. [HT 384. U5F5 2006]

Blakely, Edward J. and Mary Gail Snyder (1997), *Fortress America: Gated Communities in the United States*. Washington, D.C.: Brookings Institution Press and Lincoln Institute. [HN59.2 B55. 1995]

Downs, Anthony (1994), *New Visions for Metropolitan America*. Washington, D.C.: The Brookings Institute. [HT 384. U5. D.68. 1994]

Garreau, Joel (1991), *Edge City: Life on the New Frontier*. New York: Doubleday. [HT 334. U5 G37 1991]

Jacobs, Jane (1961), *The Death and Life of Great American Cities*. New York: Random House [HT167. J32]

Putnam, Robert D. (2000), *Bowling Alone: The Collapse and Revival of American Community*. New York: Simon & Schuster., pp.204-15, 477-9. [HN 65. P878. 2000]

Books on New Urbanism

Calthorpe, P. (1993), *The Next American Metropolis: Ecology, Community, and the American Dream*. New York: Princeton Architectural Press. [HT 167. C3. 1993]

Katz, Peter (1994), *The New Urbanism: Toward an Architecture of Community*. New York: McGraw-Hill. [NA 2542.4 K38. 1994]

Grant, Jill (2006), *Planning the Good Community: New Urbanism in Theory and Practice*. London: Routledge. [HT 166. P542. 2006]

Books on Farmlands Protection

Daniels, Tom and Deborah Bowers (1997), *Holding our ground : protecting America's farms and farmland*. Washington, D.C. : Island Press, c1997 [HD256 .D36 1997]

Daniels, Tom (1999), *When City and Country Collide: Managing Growth in the Metropolitan Fringe*. Washington, D.C.: Island Press. [HT334. U5. D35. 1999]

Books on Managing Growth

DeGrove, John M. (1984), *Land Growth & Politics*. Chicago: The American Planning Association. [HD 205 D437 1984]

Ewing, Reid (1995), *Best Development Practices*. Chicago, IL: American Planning Association and ULI. [HT 167.5 F6. E9. 1995]

Kelly, Eric Damian (1993), *Managing Community Growth: Policies, Techniques, and Impacts*. Westport, CO: Praeger Press. [HT 167. K44. 1993]

Porter, Douglas R. (1996), *Profiles in Growth Management*. Washington, D.C.: ULI. [HT 167. P668. 1996]

Books on Land Use

Diamond, Henry L. and Patrick F. Noonan (1996), *Land Use in America*. Washington, D.C.: Island Press. [HD205. L357. 1996]

Kaiser, Edward J., David Godschalk and F. Stuart Chapin, Jr. (1995), *Urban Land Use Planning*. Chicago: University of Illinois Press, 4th edition. [HT 167. K28. 1995]

In addition, students who have never taken an urban planning course might like to consult the following:

Branch, Melville (1985), *Comprehensive City Planning: Introduction & Explanation*. Chicago, IL: Planners Press, American Planning Assoc. [HT 167.B66 1985]

Fulton, William (1991), *Guide to California Planning*. Point Arena, CA: Solano Press Books. [HT 393. C3 F8 1991]

WEBSITES

Class Website, Catalyst <https://catalyst.uw.edu/workspace/cbae/46968/gmforum> <http://www.washington.edu/gmforum>

Readings <http://courses.washington.edu/gmforum/Readings/reading.html>

Washington State Department of Commerce,
Growth Management Services

<http://www.commerce.wa.gov/Services/localgovernment/GrowthManagement/Pages/default.aspx>

Sierra Club, Stopping Sprawl <http://vault.sierraclub.org/sprawl/>

Smart Growth America <http://www.smartgrowthamerica.org/>

Congress for the New Urbanism <http://www.cnu.org>

American Farmland Trust <http://www.farmland.org>
Fannie Mae Foundation <http://www.fanniemae.com/portal/index.html>
National Homebuilders Association <http://www.nahb.com>
National Association of Realtors, Real Estate Research and Statistics
<http://www.realtor.org/research-and-statistics>
Center on Urban and Metropolitan Policy, The Brookings Institution
<http://www.brook.edu/es/urban/urban.htm>
Brookings Institution, Metropolitan Research Program
<http://www.brookings.edu/about/programs/metro>
Lincoln Institute of Land Policy <http://www.lincolninst.edu/>
Smart Growth Network <http://www.smartgrowth.org>