URBDP 450/598F Introduction to Land Use, Growth Management and Environmental Planning
AUTUMN 2021

Lecture: Tuesdays and Thursday | 5:00-6:20 pm
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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 StreetCar, 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/
   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

   Planning Goals, Urban Growth Areas, Citizen participation, Comprehensive Plan,
   Concurrency
   Planning Goals:
   Definitions:
   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 Term Paper 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/tran
   sfer-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
   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://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://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
Readings:


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**


Books on New Urbanism


Books on Farmlands Protection


Books on Managing Growth


Books on Land Use


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


WEBSITES

Class Website, Catalyst [https://catalyst.uw.edu/workspace/cbae/46968/gmforum](https://catalyst.uw.edu/workspace/cbae/46968/gmforum)


Washington State Department of Commerce, Growth Management Services [http://www.commerce.wa.gov/Services/localgovernment/GrowthManagement/Pages/default.aspx](http://www.commerce.wa.gov/Services/localgovernment/GrowthManagement/Pages/default.aspx)


Smart Growth America [http://www.smartgrowthamerica.org/](http://www.smartgrowthamerica.org/)

Congress for the New Urbanism [http://www.cnu.org](http://www.cnu.org)


Center on Urban and Metropolitan Policy, The Brookings Institution [http://www.brook.edu/es/urban/urban.htm](http://www.brook.edu/es/urban/urban.htm)

Brookings Institution, Metropolitan Research Program [http://www.brookings.edu/about/programs/metro](http://www.brookings.edu/about/programs/metro)


Smart Growth Network [http://www.smartgrowth.org](http://www.smartgrowth.org)