Plan 647
Planning for Sustainability
CRN# 77768
Tuesdays 9:00-11:45am Saunders Hall, Room 119
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Principles of holism, soft system approach, ecological economics, steady states economics, eco-development, and deo-settlement. Students learn how these new paradigms may affect public policy planning through library and web research, group discussions, and case study analyses. Emphasis on urban and regional planning.

Part I: The Theory and Measurement of Sustainability
Ideologies and Ethos of Sustainability
Conceptual Models
Accounting Frameworks
Indicators of Sustainability

Part II: Public Policies and Programs for Sustainability
Global Policies for Sustainability
Local Policies for Sustainability
Best Management Practices for Sustainability

Part III: Integrating the Dimensions of Sustainability
Socio-Cultural Aspects
Economic Aspects
Environmental and Land Use Aspects
Technological Aspects

Part IV: Synthesis
Politics and Strategies of Implementation
Final Paper Presentations & Conclusions

Pre: Graduate standing & consent of instructor
Assignments and Assessment:

Literature Review: (40% of the grade).
(a) Written and oral presentation of one Theme Paper of 2 pages s.s. (single spaced) with ppt covering one of the class topics of students’ choice and based on the course readings. Higher grade is given to reviews integrating summary and critique of the selected references.
(b) Two pages s.s. reflection on the readings for each of the course sections Part I, Part II, and Part III (your comments and assessment of the readings you select if more than 3 are provided) due at the end of each sections. Analysis of resources from pertinent web pages and your own book review are welcome. See symbol (#) at page 3 in the course schedule.

Term Paper: (50% of the grade) 15 pages single-spaced plus references and charts. The term paper addresses the policy and planning aspect of sustainability. Students can choose sector and country of their preference but are encouraged to address interdisciplinary or inter-sectoral aspects. Comparative papers on the international or regional aspect of sustainability are also encouraged, as well as using the term paper toward a chapter of own thesis, AOC, or dissertation. The term paper proposal of 3 pages s.s. and is due on Week 5 to includes title, problem narrative, approach, research questions, table of contents and references.

Class Attendance: is required. If missing a class please submit one pages s.s. (make-up documenting a good study of the topic). Grade Range: Range: 100-97 A+; 96-94 A; 93-90 A- ; 89-87 B+ ; 86-84 B; 83-80 B- ; 79-77 C+; 76-74 C; 73-70 C-; 69-60 D; 60-0 F.

Due Dates:
(1) The theme paper is presented by a student the very week that topic is scheduled.
(2) Written term paper proposal are due Week 5 (topic, issues, questions to address, approach, table of content and list of proposed references). Term paper proposal counts 05/50 of the term paper grade.
(3) Please schedule a meeting with the instructor to review the first draft of the Term Paper in Week 12.
(4) Term paper due Week 15. Term Paper Oral Class Presentation Week 17.

Submissions: Theme papers, literature reviews & term paper in pdf. Oral presentations in ppt. Document Filename is reprinted on the top right corner.

Readings: Course Reader: a CD given out in class plus emailed additions.
References:

Output of the course:
- knowledge of theory and concepts of sustainable development
- knowledge of some methods of accounting and of measuring sustainability
- appreciation of the interrelationships and “nexus” among sectors and factors affecting the quest for sustainability
- understanding of the policy and programmatic aspect of implementation

Minerbi Plan 647 (Fall 2016) Planning for Sustainability
Course Schedule Plan
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Planning for Sustainability

Week 1 Aug. 23 Introduction to the Course

Part I: The Theory and Measurement of Sustainability
Week 2 Aug 30 Ideologies and Ethos of Sustainability
Week 3 Sept. 6 Conceptual Models

Week 4 Sept. 13 Policies & Accounting Frameworks
Week 5 Sept. 20 Indicators of Sustainability *
Week 6 Sept. 27 Part I Seminar (#)

Part II: Public Policies and Programs for Sustainability
Week 7 Oct. 4 Global Policies for Sustainability
Week 8 Oct. 11 Local Policies for Sustainability
Week 9 Oct. 18 Best Management Practices for Sustainability
Week 10 Oct. 25 Part II Seminar (#)

Part III: Integrating the Dimensions of Sustainability
Week 11 Nov. 1 Socio-cultural Aspects (Nov 8 Holiday)
Week 12 Nov. 15 Economic Aspects **
Week 13 Nov. 22 Environmental and Land Use Aspects
Week 14 Nov. 29 Technological Aspects
Week 15 Dec. 6 Politics and Strategies of Implementation ***

Part III Seminar (#)

Part IV: Synthesis:
Week 16 Dec. 8 Term Paper Presentation (Exam Time)

* Term Paper Proposal due
** Term Paper (First Draft) due
*** Term Paper (Final) due
(#) Literature Review due
References
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Week 1 Introduction to the Course

Part I: The Theory and Measurement of Sustainability

Week 2 Ideologies and Ethos of Sustainability

Week 3 Conceptual Models

Week 4 Policy & Accounting Frameworks

Week 5* Indicators of Sustainability
Sustainable Measures. “Everything You Wanted to Know About Indicators; Indicators of Sustainability; Sustainable “Community Indicator Checklist" http://www.sustainablemeasures.com/Indicators/index.html

Honolulu: UH DURP.

Week 6 Part I Seminar

Part II: Public Policies and Programs for Sustainability

Week 7 Global Policies for Sustainability


Agenda for Change Agenda 21 TOC.


**Week 8 Local Policies for Sustainability**
Honolulu: UH DURP.

**Week 9 Best Management Practices for Sustainability**
https://books.google.com/books?id=oBLW_fZL1OMC&pg=PA33&source=gbs_selected_pages&cad=2#v=onepage&q&f=false

**Week 10 Part II Seminar**

**Part III: Integrating the Dimensions of Sustainability**

**Week 11 Sociocultural Aspects**

**Week 12 Economic Aspects**

economy” Ch. 4 (pdf). “Restructuring the Economy” Ch 11 (pdf).
Economy: Building an Economy for the Earth.

Week 13 Environmental and Land Use Aspects
Dholakia Ritik and Mathis Wackernagel, and Mario Gouvea. 1999. Ecological
footprint of Households.
www.greatchange.org/ng-foootprint-ef_household_evaluation.xls.
in Natural Capital”. Ch. 8 pp. 106-118. Goodland, Robert, Herman E.
Daly, and Salah El Serafy, eds. 1992. Population, Technology, And
Redefining Progress. "The Footprint of Nations Study"
http://rprogress.org/ecological_footprint/about_ecological_footprint.htm
Rees, William. "Revisiting Carrying Capacity: Area-Based Indicators of
Sustainability"
http://dieoff.org/page110.htm

Week 14 Technological Aspects
Aidan Davison. 2001. Technology and the Contested Meanings of Sustainability.
Albany, N.Y. State University of New York Press.
Economy: Building an Economy for the Earth.
Sachs. 1984. Facing the Crisis in Large Cities: “Work, Food, and Energy in
Urban Ecodevelopment” United Nations University.

Week 15 Part III Seminar

Week 16 Politics and Strategies of Implementation ***
Brown, Lester. 2003. “Accelerating the Transition”. Ch. 12 (pdf). Eco-Economy:
Building an Economy for the Earth.
Daly, Herman. 2002. “Five Policy Recommendations for a Sustainable
Kettl, Donald F. ed. 2002. “Conclusion: The Next Generation” Ch. 6, pp. 77-190.
Environmental Governance: a Report on the Next Generation of
Honadle, George and Jerry VanSant 1985. “Sustaining Benefits” Ch. 4, pp. 74-
97. Implementation for Sustainability: Lessons from Integrated Rural
Development. West Hartford: Kumarian Press.
Schor and Betsy Taylor eds. Sustainable Planet: Solutions for the

Part IV: Synthesis

Week 17 Final Term Paper Presentations— Conclusions
Additional Sustainability Organizations

(Some of the web pages listed below may not open, so best is to search the organization name on the web—sorry for that: we will explain this in class)

Article on the 10 best sustainable communities....

Center for Sustainable Communities
www.icosc.com/

Center of Excellence for Sustainable Development
www.sustainabledevelopment.in/

Global Futures Foundation
http://www.globalff.org/

Friends of the Earth
www.foe.org

Earth Summit
http://www.un.org/esa/earthsummit/

ICMA Sustainable Communities Program
http://icma.org/en/results/sustainable_communities/home

Izaak Walton League of America
www.iwla.org/

International Small Island Studies Association
www.isisa.org/

International Scientific Council for Island Sustainable Development.

National Association of Development Organizations
http://www.nado.org/

SCN Growing a Sustainable Economy
www.sustainable.org/economy/econ_index.html

Smart Community Network
http://www.smartcommunities.ncat.org/

Sustainable Communities Development Group
http://sustainablecommunitydevelopmentgroup.org/

The Ecogateway Antologies Sustainability: Sustainable and Livable Communities
http://www.ecoiq.com/onlineresources/anthologies/sustainable/communities/

The World Wide Web Virtual Library Sustainable Development
http://www.ulb.ac.be/ceese/meta/sustvl.html

United Nations Small Islands Developing states
www.unohrrls.org/en/sids/45/

What are sustainable communities?
https://www.sustainablecommunities.gov/

Worldwatch Institute
www.worldwatch.org

GLOBE International.org
www.globeinternational.org