
Principles of holism, soft system approach, ecological economics, steady states economics, eco-development, and eco-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. 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) One page ss reflection for each of the weekly topics (your comments and assessment of your selected reading).

Term Paper: (60% 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.

Class Attendance: is required. If missing a class please submit two pages s.s. rather than one page s.s. (make-up documenting a good study of the topic).

Due Dates:
(1) The theme paper is presented by a student the 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.


Readings:
Required Course Reader: a CD given out in class plus occasional emailed additions. Useful Reference:

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 among factors affecting the quest for sustainability
• understanding of the policy and programmatic aspect of implementation
Course Schedule
Plan 647
Planning for Sustainability

Week 1 Jan. 08 Introduction to the Course

**Part I: The Theory and Measurement of Sustainability**
Week 2 Jan. 15 Ideologies and Ethos of Sustainability
Week 3 Jan. 22 Conceptual Models
Week 4 Jan. 29 Policies & Accounting Frameworks
Week 5 Febr 05 Indicators of Sustainability *
Week 6 Febr 12 *Part I Seminar*

**Part II: Public Policies and Programs for Sustainability**
Week 7 Febr 19 Global Policy for Sustainability
Week 8 Febr 26 Local Policies for Sustainability
Week 9 March 05 Best Management Practices for Sustainability
Week 10 March 12 **Part II Seminar**

**Part III: Integrating the Dimensions of Sustainability**
Week 11 March 19 Socio-cultural Aspects
*Spring Break March 25-March 30*
Week 12 April 2 Economic Aspects **
Week 13 April 9 Environmental and Land Use Aspects
Week 14 April 16 Technological Aspects
Week 15 April 23 *Part III Seminar*
Week 16 April 30 Politics and Strategies of Implementation***

**Part IV: Synthesis:**
Week 17 May 7 Final Term Paper Presentations (Exam Time)

* Term Paper Proposal due
** Term Paper (First Draft) due
*** Term Paper (Final) due
References
Plan 647 Planning for Sustainability

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
Interagency Working Group of Sustainable Development Indicators (IWGSDI), USA http://www.sdi.gov/
http://www.sustainablemeasures.com/Database/IWGSD.html
Sustainable Measures. “Everything You Wanted to Know About Indicators; Indicators of Sustainability; Sustainable "Community Indicator Checklist" http://www.sustainablemeasures.com/Indicators/index.html

Week 6 Part I Seminar

Part II: Public Policies and Programs for Sustainability

Week 7 Global Policies for Sustainability
French, Hilary. From Rio to Johannesburg and Beyond: Assessing the Summit” Worldwatch Institute Policy Brief #12 Worldwatch Institute: World Summit on Sustainable Development Web page http://www.academia.edu/222316/From_Rio_to_Johannesburg_and_Beyond

Week 8 Local Policies for Sustainability
Honolulu: UH DURP.
Gobierno de Canarias. 16.4.2001. Compromiso Por El Desarrollo Sostenible De
Canarias. Canary Islands. (English Summary).
Sustainability Plan. Charting a Course for Hawaii Sustainable Future.
115-160. Ibrahim Aoude’ guest ed. Social Process in Hawai‘i: The
Political Economy of Hawai‘i Vol. 35.
Thomas Prugh, Robert Costanza, and Herman Daly. 2000. “Sustainability and
Strong Democracy” Ch. 7, pp.159-166. The Local Politics of Global

Week 9 Best Management Practices for Sustainability
Projects” Ch. 5, pp.66-85. Hugh Barton ed. Sustainable Communities: the
Potential for Eco-Neighborhood. London: Earthscan. Center of
Excellence for Sustainable Development CESD Database: Success
Stories
http://books.google.com/books?id=oBLW_fZL1OMC&pg=PA66&lpg=
PA66&dq=barton+hugh+deborah+kleiner&source=bl&ots=2h6d_oV
35i&sig=s2jooqumvNqDjC_Z0vEkilW0&hl=en&sa=X&ei=d03VUNe
AJYqaiALR91HoCg&ved=0CDUQ6AEwAA#v=onepage&q=barton%20
hugh%20deborah%20kleiner&f=false
http://www.bestpractices.org/

Week 10 Part II Seminar

Part III: Integrating the Dimensions of Sustainability

Week 11 Sociocultural Aspects
McGregor, Davianna, Luciano Minerbi and Jon Matsuoka. “A Holistic
Assessment Method of Health and Well-being for Native Hawaiian
Communities;” Pacific Health Dialogue: Journal of Community Health
Minerbi, Luciano, October 2003. “Cultural Assessment and the Planning
Tokyo: United Nations University Press,

Spring Break March 25-March 30, 2013

Week 12 Economic Aspects **
Daly, Herman E. 1993. “Postscript: Some Common Misunderstandings and
Further Issues Concerning a Steady-State Economy” Ch. 20, pp.365-
382. Daly, Herman and Kenneth Townsend eds. 1993. Valuing the
Pearce, David. Edward Barbier,and Anil Markandya. 1990. “Discounting the


Week 13 Environmental and Land Use Aspects


Redefining Progress. "The Footprint of Nations Study"
www.rprogress.org/publications/2006/Footprint%20of%20Nations%202000.pdf

Rees, William. "Revisiting Carrying Capacity: Area-Based Indicators of Sustainability"
http://docsfiles.com/pdf_revisiting_carrying_capacity.html

Week 14 Technological Aspects


Week 15 Part III Seminar

Week 16 Politics and Strategies of Implementation ***


**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 Cities www.uky.edu/~rlevine/ -7k –
Center for Sustainable Communities
www.icosc.com/

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

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

Green Building Technical Manual
http://www.sustainable.doe.gov/articles/ptipub.shtml

Friends of the Earth
http://www.foe.org/

Earth Summit
www.earthsummit.info

ICMA Sustainable Communities Program
ICMA Program Centers › Sustainable Communities

Izaak Walton League of America
www.iwla.org/

International Small Island Studies Association
http://isisa.maui.hawaii.edu/

International Scientific Council for Island Sustainable Development.
http://www.insula.org/

ME3's Sustainable Minnesota
http://www.me3.org/

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 Info Service
http://www.chebucto.ns.ca/Environment?SCN/SCN_home.html

Sustainable community indicators training outline
www.sustainablemeasures.com/Training/index/html

Sustainable Communities Summit

The CESD Sustainable Development Resources Database
https://trello.com/...sustainable-development-resource-database.../254

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

The Economic Renewal Guide Rocky Mountain Institute.
http://www.rmi.org/sitepages/pid385.php

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

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

What are sustainable communities?
http://crest.org/doe/sustainable/articles/what_are/index.html

Worldwatch Institute
www.worldwatch.org

GLOBE International.org
www.globeinternational.org