The Greening of Social Work

A Paper Developed for the Council on Social Work Education Global Commission

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Perhaps one of the most revolutionarily social perspectives that emerged in the 20th century is related to sustainability. In many respects the acceptance of this new perspective is so widespread that it is allied to almost all aspects of modern day living. To this extent, it may be called a paradigm, because the perspective now offers a new lens, a new way of understanding reality. In addition, it calls for determined and consistent changes in our relationship with the environment. The paradigm emerged at a juncture, when we began to realize that human actions were eating away the very fragile environment on which our own lives depend. This immediate connection with the physical environment during the early days of the emergence of the sustainability paradigm has to an extent influenced the popular understanding of sustainability as an environmental phenomenon.

Almost always, the term sustainability invokes in one’s mind pictures of ominous environmental disasters. As a result, scholars, practitioners, and advocates from the environmental and physical sciences have had an enormous influence on the field of sustainability. However, lately a new awareness is emerging that environment is related to all other facets such as the social and economic aspects of life. This view has led to the legitimate emergence of social scientists as one group among several stakeholders in achieving sustainability (Paehlke, 2001). This paper critically examines the roles social workers can play in manipulating the social, economic, and physical environments for improving human well-being. We argue that, if sustainability is a new paradigm, social work as a discipline provides the design for sustainable thinking and actions.
The recognition of the equality among social, economic, and physical environments has several implications (Kondrat, 2002). A part of this is historical. Prior to the 1980s, environmental degradation was attributed to population explosion in the countries of the southern hemisphere. The thinking was very Malthusian, and the reaction was to implement massive population control programs. This view was revised later to reflect a growing condemnation against widespread use of coercive tactics to achieve birth control quotas and targets in developing countries such as India. There was a move away from placing the blame for environmental degradation solely on population growth. The Brundtland report (United Nations, 1987), titled *Our Common Future*, places ecological sustainability on an equal footing with social and economic sustainability. Massive consumption of world renewable and nonrenewable resources in countries of the North was noted as a contributor to the environmental degradation. Recognition that both population growth and consumption can have deleterious effects on the environment began to influence the sustainability debate.

Four years after the World Commission on Environment, which produced the Brundtland report, Agenda 21 of the 1992 Rio Earth Summit reiterated and added to the approach toward sustainable development. The Rio summit called for a global partnership for sustainable development especially through poverty reduction (Glasmeier & Farrigan, 2003). Poverty is the biggest polluter. It pollutes systems at all levels, social, economic, and environmental. All three are of equal importance. The principle of connectivity suggests that the three are interconnected and that improvement in one may not be achieved without changes in the others. It became clear that environmental degradation cannot be stopped unless poverty and social inequalities created by market and nonmarket forces are addressed through poverty reduction measures (Carrilio, 2007). It also became clear that economic development in most developing countries was also followed by increases in social inequality. Awareness that economic development alone is not the answer to environmental preservation gave rise to the idea of human development rather than economic development as an approach to environmental preservation. Thus, the Rio summit as
well as the Brundtland report contributed to the conceptualization of sustainability as an outcome of three components: ecological sustainability, intergenerational equity, and human development.

**Social Work, Ecological Sustainability, Human Rights, and Poverty**

Of the three components, two—human development and intergenerational equity—are areas in which social workers have done both practical and theoretical work for decades (McKinnon, 2008). In social work the term *social development* frequently is used to refer to human development. As conceptualized by Agenda 21, the term *human development* is related to human rights, empowerment, and meeting basic human needs. These three indicators are clearly related to social development as most social workers have known it.

Social development approaches, also called developmental social work, have focused on building basic capacity among individuals, groups, and communities through addressing issues of basic needs (Midgley & Conley, 2010). As individuals gain the capacity to participate in social and economic institutions, the number of realistic social choices is bound to increase. Though this approach is now widely attributed to Sen’s theories of functioning and capabilities (Sen, 2000), it had already been part and parcel of social work approaches to community building and development. Social development approaches have a long history in social work and are well-positioned to address human development issues with respect to sustainability policies and programs (Mohan, 2007).

A second component of the human development approach involves protection of human rights. Ecological sustainability is seen as inseparable from social and economic sustainability. In addition, the presence of social inequalities and curtailing of individual freedoms is viewed as antithetical to sustainability activities. This view resonates with the current spread of ecofeminist values and ideas spearheaded by Shiva (2010) and Warren (1997). Ecofeminists suggest that there is a strong correlation between oppression of women and environmental degradation.

The role of human rights in social work has been elaborated by a number of scholars (Mapp, 2007; Reichert, 2003; van Wormer & Besthorn, 2010; Wronka, 2008). Human rights
provide a newly articulated value frame for doing social work. The fundamental values of social
work, such as the right to human dignity and the right to self-determination, are essentially human
rights values, though they are not always articulated in the language of human rights. Given the
long history of human rights values in social work, the human rights perspective is now receiving
widespread attention as a universal medium for the use of social work tools.

The social work profession is strongly founded on human rights values. Social work
interventions at the micro, mezzo, and macro levels are scrutinized for violation of human rights
standards. In particular, there have been more recent affirmations from the Council on Social
Work Education and the National Association of Social Workers to mandate that human rights
norms and values are not violated. The teaching of human rights also is an integral part of the
social work curriculum in the United States.

Social Work and Ecological Approaches

Ecological sustainability views the environment as a dynamic outcome resulting from
interaction among all elements that populate the environment (Coates, 2005). From an ecological
point of view various elements can be grouped into systems, and observing interactions among
various systems provides an uncomplicated approach to an understanding of the changing
environment. The perspective that all client systems such as individuals, groups, and communities
are influenced by multiple systems is fundamental to the social work approach. The emphasis on
theories such as systems and person-in-environment reflect the deep rootedness of this approach
in social work (Green & McDermott, 2010). There are unmistakably recognizable similarities
between the ecological and social work approaches. In general, ecological approaches to
sustainability mirror social work methods toward rehabilitating, restoring, and maintaining client
systems to satisfactory levels of functioning and satisfaction (Chapin, Kofinas, & Folke, 2009).

The ecological sustainability approach is lacking in that it does not take into
consideration the role of power (Dominelli, 2012). But social work considers power as important
within the system framework. Ecological sustainability approaches have traditionally operated on the assumption that ecological balances and continuity can be achieved by skillfully manipulating the population, technologies, and the existing organizational structures used for sustenance. Conventional ecological approaches to tackling sustainability at times attempt to find solutions through quantifiable relationships among measurable components such as carrying capacity, niche size, and reproductivity. However, this approach does not consider the power relationship among various subpopulations in a society. Power matters. The Brundtland commission report explicitly recognized it. The report, though, suggested that sustainability is related to respecting “common interests and equity” (United Nations, 1987, p. 50). However, in achieving common interests, especially in the presence of deteriorating ecological conditions, the competition for scarce resources is likely to increase resulting in gargantuan power gaps between the rich and the poor. In this regard, the report *Our Common Future* states that “our inability to promote the common interest in sustainable development is often a product of the relative neglect of economic and social justice” (United Nations, 1987, p. 49). The report calls for the use of social justice principles for achieving sustainability.

Social justice principles are central to social work methods. Adherence to social justice principles encourages social workers to scrutinize all their helping activities through the lenses of equality, fairness, and egalitarianism. Social workers are committed to the notion that all clients are equal regardless of their position, status, or power. In addition, all clients have a right to have basic needs met while we ensure that opportunities are made available to all, based on achievement rather than ascriptive criteria. Community development programs are sustained by nurturing common interests through programs that are sensitive to social justice issues. In general, social work problem solving methods are not only compatible with ecological approaches to sustainability but also provide the much needed sensitivity to social justice concerns.
The well-known Brundtland definition of *sustainability* suggests that it cannot be achieved without contemplation of intergenerational equity. Sustainability is thus about well-being of the current as well as future generations. The importance of catering to future generations is ingrained into sustainability methods and buttressed by social development and human rights approaches. Improvement in levels of social development is almost always accompanied by gains in realistic social choices for the maximization of well-being. The human rights approach ensures that all generations have the right to maximize their well-being. The social work profession has not only championed social development and human rights approaches but has also invested in the maintenance and care of individuals at all stages of life, from cradle to death. One may be hard-pressed to find another profession that is so fully invested in caring and helping individuals and communities. More important, from a sustainability perspective the social work discipline does so taking into account the generational ties that bind people within groups, families, and communities. In general, social work offers skill sets and tools necessary to address issues of intergenerational equity characteristic of ecological approaches to sustainability.

The importance of managing power at the macro level for human well-being is clearly recognized by social work approaches to problem solving. The empowerment approach as a part of human development (Breton, 1994) is now espoused also by ecological sustainability movements. Empowerment involves provision of information on human rights, involving the client at all levels of decision making with respect to problem solving, and arriving at a negotiated pace of use of services either provided gratis or at a cost (Lee, 2001). The social work approach is a strength-based approach, and it enables people to use their own strengths and accumulate resources necessary for problem solving. Empowerment is perhaps the most widely used intervention tool in the field of social work. Activities oriented toward ecological sustainability have become increasingly oriented toward developing trusteeship and enabling communities and individuals to protect and maintain local resources. Developing community capacity through empowerment to preserve and develop local resources is now widely accepted.
as an integral aspect of ecological sustainability. In general, empowerment approaches have a long history in social work and are well-positioned to address human development issues with respect to sustainability policies and programs.

**Sustainability: Inevitable Roles for the Profession**

Within the ecological sustainability movement there is a slight bias toward the whole as opposed to the parts. “A thing is right when it tends to preserve the integrity, stability, and beauty of the biotic community. It is wrong when it tends otherwise” (Leopold, 1949, pp. 224–225). Nevertheless, the presence of multiple levels of structural influences is explicitly acknowledged within ecological sustainability approaches. Perhaps this bias toward the integrity of the whole results from an unintended neglect of social justice issues. Reciprocal influences among multiple levels of social, economic, and ecological factors are likely to exist and are to be considered in infusing sustainability. Awareness of the importance of multilevel influences on client systems is entrenched in social work methods. Thus, individual behavior within a group may be affected by the composition of the group with respect to a given characteristic, as well as the effect of the same characteristic on individual level behavior. In particular, social workers who specialize in groups are often well-versed in manipulating the micro and macro environments of the group to maximize individual level functioning within the group. Ecological sustainability advocates and agents may gain immensely from collaborations with social workers.

The broad macro sociocultural context of the sustainability movement appears to be negligent issues of power and influence in the public and market spheres with regard to environmental concerns. When huge corporations espouse “green” ideologies, it is sometimes because alignment with the green movement can increase sales and consumption. Three factors have contributed to an inopportune context for the sustainability movement: (1) the emergence of footloose multinational corporations with massive social and investment infrastructure or profit maximization, (2) the appearance of the International Monetary Fund supported by the G-7 countries with a focus on economic development at any cost in developing countries
(Bredenkamp & Pattillo, 2010), and (3) the current clash of civilizations (Huntington, 1997) for economic and social dominance rather than for environmental protection. At the same time there are very hopeful signs and trends that will foster the life of the sustainability movement. These consist of the presence of the environmental justice movement in many developed and developing countries; the emergence of a large number of nongovernmental organizations dedicated to the cause of environmental sustainability; and finally, the witnessing of an impressive backing for the 1997 Kyoto protocol calling for global action to bring about carbon dioxide emission reduction by the year 2012. Clearly, at the macro level the sustainability agenda is wrought with tensions and conflicts. As social workers we have to clearly align ourselves with selected environmental agencies and networks engaged in bringing about environmental sustainability (Hasenfeld, 1987).

The environmental sustainability movement clearly projects a vision of what is sustainable. It is intimately linked to multitudinous ways of life. Not all ways of life are sustainable. Those that are sustainable also should be desirable. The environmental sustainability movement identifies a number of aspects such as democratic engagement, social and economic participation, and social justice as defining desirable aspects of a sustainable way of life (Sneddon, Howarth, & Norgaard, 2006).

An extension of our current focus on social justice for environmental inequities and inequalities will release enormous opportunities for social workers to participate in the sustainability movement (Hoff & Pollack, 1993). Poor people in developed and developing countries are pushed aside to physical spaces with the poorest environmental quality relative to residential spaces of the rich, with serious consequences for the health of the current as well as future generations of the poor (Rogge, 1995, 1996; Sachs, 1996). This plight of the poor in developing countries especially has been recognized in the United Nations Millennium Development Goals. Goal 7 calls for concrete steps to achieve environmental sustainability through four explicit targets: integration of the principles of sustainable development into governmental policies and programs, reduction of biodiversity loss, halving the proportion of the
population without access to safe drinking water and basic sanitation, and achieving a significant improvement in the lives of at least 100 million slum dwellers (United Nations, 2008).

Mosher (2010) points out that a social work perspective on sustainability is influenced by the paradigms within which the perspectives are designed. Two major paradigms—the mechanistic and the holistic—influence social work theories and perspectives. The mechanistic paradigm incorporates a scientific and rational approach to creating knowledge. The holistic paradigm is based on interdependence, partnership, cooperation, and respect for nature (Mosher, 2010). Values such as long-term sustainability, deep ecology, spirituality, and ecofeminism also characterize the holistic paradigm. The strengths-based approach and concern for social justice among social workers are also outcomes of the holistic paradigm. Mosher (2010) further argues that sociopsychological problems that social workers attempt to resolve should call for approaches and perspectives that accommodate interdependencies and complexities. In this regard Mosher (2010) claims that the holistic paradigm is far more useful than the mechanistic.

For sustainability approaches the holistic paradigm offers a partnership approach to solving problems. This approach involves cooperation, sharing of power, use of strengths, and mutual sharing and learning of skills for problem solving with clients at various levels of interventions (Mosher, 2010).

The sustainability paradigm has emerged in our recent history against the background of a human-made environmental crisis. However, some of the elements of this new paradigm preexisted, most certainly within the field of social work. As helping professionals, social workers have always been concerned with attrition in the effectiveness of interventions. Systematic approaches to these concerns have resulted in theoretical and methodological advances within social work that can be adopted by sustainability advocates, policy makers, and theory builders. Thus, we believe that if sustainability is a new paradigm, social work as a discipline provides the design for sustainable thinking and actions.
In this essay we have argued that social workers focus on both social inequality and poverty as the underlying causes of ecological degradation and poor intergenerational equity. Social workers believe that reductions in social inequality and poverty can be achieved through the use of social work methods such as social development, empowerment, and advocacy for human rights. These methods enable communities to organize themselves and form partnerships within and across communities, thus enhancing social choices. Social development, and improvement in social choices, promote intergenerational relationships and contribute to intergenerational equity. Social workers use both the pie and system approaches in working with client systems.

References


Social Work and Sustainability

Syllabus for the Global Commission of the Council on Social Work Education
Fall/Spring

Instructor: Rashmi Gupta, Ph.D., MSW
Email: rg1996@gmail.com

I. Course Description

The course is offered at the graduate level. Sustainability was defined by the World Commission on Environment and Development (Brundtland Commission) in 1987 as “meeting the needs of society of today without compromising the ability of future generations to meet their own needs” (p. 50). The course is designed to incorporate sustainability concepts in the generalist approach in social work. The generalist approach provides for holistic interventions at the individual level undertaken only in relation to a person’s social, economic, and ecological environment. Interventions are often evidence-informed, bringing about planned changes in mutual agreement with the client system and taking into consideration the stability and sustainability of desired outcomes. All interventions are value based. However a sustainability focus within social work should consider not only the relevance of traditional values such as social justice, diversity, and human rights but also environmental rights. Although social workers have a professional commitment to infuse traditional social work values, this course focuses on the need to actively include sustainability concepts as a social work value. The goal of this course is to develop the knowledge as well as the skill levels necessary to enhance the capacity in every student to address sustainability as an outcome of interventions at the micro, mezzo, and macro levels.

II. Learning Objectives

By the end of the semester, students should be able to

1. understand the working concept of sustainability at the micro, mezzo, and macro levels of social work practice;

2. examine the relationships among the concepts of environmental, economic, and social sustainability through major theories of human behavior (systems, empowerment, antioppression, and biopsychosocial);

3. examine the effects or contributions of national and international sustainability approaches to social work theory and practice;

4. explain the connection between membership in a marginalized and oppressed population and vulnerability to environmental, economic, and social injustice;
5. address the interconnectedness of sustainability with social work values and ethics; and

6. understand the role of community partnerships in addressing environmentally sustainable and socially cohesive systems.

III. Textbook


IV. Instructional Methods

The course will be taught in a seminar format. In this regard, student responsibility for preparation and contribution to the class is essential. Classes will involve lectures, discussions, student presentations, papers, and assignments.

The course includes computer support in the form of iLearn, which will be used to post class materials. From time to time students will be asked to participate in class by posting to a course threaded discussion.

V. Assignments

Three assignments are designed for graduate students.

1. **Short Paper Defining Sustainability (30%)**
   A short paper will be due on November 4 in which each student provides his or her personal definition of sustainability from the environmental, economic, and social point of view. Next, the paper will apply these concepts of sustainability to work with a group of people at risk (for example, low-income residents of different sections of the San Francisco Bay area, children with disabilities, farm workers, or older adults). The paper will finish with a discussion of the ways in which environmental, economic, and social sustainability interact in the lives of the group at risk. The papers will each be six to eight pages in length, excluding references, title page, and abstract page and will be based on the assigned course readings. Papers should be double-spaced; format should conform to the 6th edition of the *Publication Manual of the American Psychological Association* (APA).

2. **Class Project and Presentation (30%)**
   Paper
Working in groups of two, students will be expected to work on any one of the five topics listed in the Presentation section. Please check with me and get your project selection approved.

Each group paper will be 12–15 pages long and in APA style. This final paper will build on your reading for the class, your own presentation, and your own creative thinking. In this paper you will reflect on your readings. About 10 outside references need to be included in this final paper, which is due on December 9.

This paper will be evaluated based on clarity, organization, coherence of arguments, appropriate use of references, and writing style.

**Presentation**

Each two-person group will share its PowerPoint slides with the rest of the groups at least 5 days before the class presentation. The class presentation (10 minutes for each group) will be on the last day of the class.

Select from the following topics:

1. Keep a log of all sustainability projects on campus (both university initiated and others). What are the current themes? How are they changing?

2. The Arizona State University initiated a program to examine sustainability issues with regard to dining services (see [http://www.nwf.org/~media/Campus-Ecology/Files/Case-Studies/Arizona-State-University-Fellow-FINAL.pdf?dmc=1&ts=20130304T1007177950](http://www.nwf.org/~media/Campus-Ecology/Files/Case-Studies/Arizona-State-University-Fellow-FINAL.pdf?dmc=1&ts=20130304T1007177950)). Critically analyze this program (gather more information if necessary) and develop a program to improve environmental conservation at all levels.

3. In what ways do well-meaning sustainability initiatives collide with social work ethical principles? For example, large corporations are very much involved in the green movement. They are accused of double talk. A few analysts argue that profit maximization objectives may not be compatible with environmental protection. Analyze a well-known case such as the oil spill following the collapse of BP oil rigs in the Gulf Coast. Discuss the response of BP to the disaster from an ethical perspective.

4. How can we increase community participation in making environment safer while addressing issues of social justice? The Cochrane Sustainability Plan is an example of a strategy that was developed at the grassroots level. Cochrane is a small community in Ontario, Canada. The Cochrane Sustainability Plan may be downloaded from [http://www.cochranesustainability.ca](http://www.cochranesustainability.ca). Can similar plans be developed by small communities in your area? What are the strengths and resources that will make such an initiative possible? What are the constraints that will make it impossible? Outline an advocacy plan for sustainability on behalf of the community.
5. Ecotourism projects offer a useful research site to study the conflict between local control of resources and global capitalism. Critically evaluate the article “Garifuna Land Rights and Ecotourism as Economic Development in Honduras’ Cayos Cochinos Marine Protected Area” (Brondo & Woods, 2007; available from http://opwall.com/wp-content/uploads/Brondo-and-Woods-Garifuna-Land-Rights-and-Ecotourism.pdf). Using this article as a guide, consider whether there are examples of global encroachment into the lives of the poor in and around your community. Write an article for a local newspaper on the issues you have identified. Focus on solutions to the problem from a generalist perspective. Focus on environmental activism as it relates to community engagement.

OR

Single student presentation

View one movie listed from Movies listed Online or Netflix, and describe the emerging issues related to environmental sustainability. Synthesize class lecture/ additional readings and provide the backdrop of the issues related to sustainability and what are the implications for social work practice, policy, research and education.

3. Class Participation

Because this class is a seminar, the participation of each student in class meetings and online discussions is critical. Attendance at each class session is essential; students who must miss a class session should notify the instructor prior to class.

IX. Evaluation

Grading will be based on

- Short paper, 30%,
- Project paper, 30%,
- Presentation, 30%,
- Class preparation and participation, 10%

Grading System
A+ = 100–97% A = 96–94% A- = 93–90%  
B+ = 89–87% B = 86–84% B- = 83–80%  
C+ = 79–77% C = 76–74% C- = 73–70%  
D+ = 69–67% D = 66–64% D- = 63–60%  
F = 59% and lower

X. Assigned Readings and Topics
Week 1: Sustainability Concepts

Required Readings

Read chapter: Taking sides—Introduction (pp. xxv-xxxiv)
Plan B 4.0, Preface (pp. xi-xiv)

Mary (2008); Chapter 1: Social Work’s Role in the Sustainable Future


Week 2: Sustainability definitions

Mary (2008); Chapter 1: Social Work’s Role in the Sustainable Future

Required Readings

Plan B 4.0 – Selling our future (pp. 3–27).


Week 3: Sustainability Issues: Social inequality, Poverty, and Environment

Mary (2008); Chapter 2: Long-Term Sustainability and the Environment
**Required Readings**


**Week 4: Poverty and Sustainability**

**Required Readings**

Mary (2008); Chapter 2: Long-Term Sustainability and the Environment (continued)


5) Plan B 4.0 – Eradicating Poverty and Stabilizing Population (pp. 168-191)


Week 5: Understanding Systems Approaches
Mary (2008); Chapter 3: New System Thinking and Web of Life

Required Readings


Week 6: Understanding Systems: Interrelationships
Mary (2008); Chapter 3: New System Thinking and Web of Life (continued)

Required Readings


Week 7: Influence of Ideologies: Religion
Mary (2008); Chapter 4: Spirituality and Science

Required Readings


*Week 8: Influence of Ideologies: Radicalism*

Mary (2008); Chapter 4: Spirituality and Science (continued)

**Required Readings**


*Week 9: Community and Sustainability*

Mary (2008); Chapter 5: Redefining Economy

**Required Readings**


Week 10: Social Development and Sustainability
Mary (2008); Chapter 6: Sustainable Politics

Required Readings


Week 11: Human Rights and Sustainability
Mary (2008); Chapter 7: A Model of Social Work for a Sustainable World

Required Readings


Week 12: Partnerships: Effects on Sustainability
Mary (2008); Chapter 8: Evolving Partnerships

Required Readings


**Week 13: PIE Approach and Sustainability**
Mary (2008); Chapter 8: Evolving Partnerships (continued)

**Required Readings**


**Week 14: Remarks on Social Work-Sustainability Paradigm: Interventions**

**Required Readings**


**Week 15: Sustainability and Intergenerational Equity**

**Required Readings**


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**Additional References**


Sustainable Development Gateway
[http://www.sdgateway.net/](http://www.sdgateway.net/)

International Institute for Sustainable Development

Annotated Bibliography on Sustainable Development
[http://people.bu.edu/wwildman/WeirdWildWeb/proj_bibs_sustainability_themes_general.htm](http://people.bu.edu/wwildman/WeirdWildWeb/proj_bibs_sustainability_themes_general.htm)

**Universities and Research Centers**

**University of California, Berkeley**
[http://oskicat.berkeley.edu](http://oskicat.berkeley.edu)
Berkeley Institute of the Environment (BIE) brochure: *The Future of the Planet*
[http://www.learningace.com/doc/2292605/74793e3e7bc2c9621d9ba62b297b377e/biebrochure](http://www.learningace.com/doc/2292605/74793e3e7bc2c9621d9ba62b297b377e/biebrochure)

Sustainability at the University of California, Berkeley
[http://sustainability.berkeley.edu/cacs/](http://sustainability.berkeley.edu/cacs/)
[http://sustainability.berkeley.edu/](http://sustainability.berkeley.edu/)

Cal Student Sustainability Education Coordinator: Sustainability Starts Here
[http://www.ocf.berkeley.edu/~recycle/ssec/programs/rsec.html](http://www.ocf.berkeley.edu/~recycle/ssec/programs/rsec.html)

**Harvard University**
Sustainability Science Program at Harvard's Center for International Development
[http://www.cid.harvard.edu/sustsci/overview.html](http://www.cid.harvard.edu/sustsci/overview.html)
(Note that the Sustainability Science program at Harvard consists of a mix of Kennedy School of Government types and science and technology types.)

Public Documents and Publications
http://ksgnotes1.harvard.edu/bcsia/sust.nsf/publications

San Francisco State University
http://www.sfsu.edu/~sustain/about.html
http://www.sfsu.edu/~ppd/
http://www.sfsu.edu/~sustain/operations.html

Columbia University (The Earth Institute)

The Earth Institute at Columbia University
(Warning: very slow to load)
http://www.earthinstitute.columbia.edu/

About Us: Mission: Solutions for Sustainable Development
http://www.earthinstitute.columbia.edu/articles/view/1791

Research: Research: The Foundation of the Earth Institute
http://www.earthinstitute.columbia.edu/articles/view/1788

Education at Earth Institute
http://www.earthinstitute.columbia.edu/articles/view/50

Introductory and Core Curriculum
http://www.earthinstitute.columbia.edu/articles/view/5

Doctoral Programs
http://www.earthinstitute.columbia.edu/articles/view/8

The Earth Clinic
http://www.earthinstitute.columbia.edu/articles/view/1790
Current projects include the Millennium Villages Project, the Millennium Cities Initiative, expanding healthcare in Ethiopia, and reducing arsenic exposure in Bangladesh.

VIDEO: In The Classroom
Course: The Challenge of Sustainable Development
Class: The Challenge of African Poverty
Feb. 20, 2008
Jeffrey D. Sachs
Director of The Earth Institute,
Quetelet Professor of Sustainable Development
and Professor of Health Policy and Management at In The Classroom
Course: The Challenge of Sustainable Development
Class: The Challenge of African Poverty

Arizona State University (School of Sustainability)
ASU School of Sustainability
http://schoolofsustainability.asu.edu/

ASU library catalog
http://library.lib.asu.edu/
1,172 results searching in the online catalog for library holdings using the search term sustainability

United Nations Programs, Declarations, and Reports (Plus U.S. Affiliates)

Periodicals and Journals
The International Journal of Sustainability in Higher Education (IJSHE)
http://info.emeraldinsight.com/products/journals/journals.htm?id=ijshe

Sample Articles From IJSHE

“Education for Sustainability: Developing a Postgraduate-Level Subject With an International Perspective”

“Institutional Motivations and Barriers to the Construction of Green Buildings on Campus: A Case Study of the University of Waterloo, Ontario”

Sustainability Science Abstracts

Sustainability: Science, Practice, & Policy (SSPP)
http://sspp.proquest.com/

Studies and Reports (United States and International)
The Stern Report
Stern Report, Executive Summary (27 pages, PDF)
http://news.bbc.co.uk/2/shared/bsp/hi/pdfs/30_10_06_exec_sum.pdf

Full text of the Stern Report (700 pages, PDF)
http://webarchive.nationalarchives.gov.uk/+/http://www.hm-treasury.gov.uk/independent_reviews/stern_review_economics_climate_change/stern_review_report.cfm

Movies Online or on Netflix
http://www.filmsforaction.org/articles/films_for_action_presents_the_top_100_documentaries_inspiring_the_shift_to_a_sustainable_paradigm/

5. Colony (2009)
7. Crude (2009)
12. Urbanized
13. Vanishing of the Bees
15. Tapped
17. Ted Talks: Chew on This
18. The Business of Being Born
19. Diamonds of War: Africa’s Blood Diamonds
21. Waiting for Superman
22. Ingredients
24. Money and Medicine

Portions of the syllabus adapted from Prof. Mary Rogge (spring 2006), Seminar on International Social Welfare and Sustainability (University of Tennessee). Additionally, readings adapted from Prof. Chris Johnson (spring 2012), SUS 102- Introduction to Sustainability. http://www.winthrop.edu/cas/sustainability/default.aspx?id=24514