

Columbia University
School of International and Public Affairs
MPA Environmental Science and Policy Program
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ENVP U6225.001

ETHICS, VALUES AND JUSTICE



Course Overview

What do ethics require of human action in relation to the natural and built environments? The answer to this question varies among stakeholders according to their values, which may be viewed as just or unjust. What are these values, and how are differences among them to be assessed and managed ethically? The complexity of these questions is compounded by a recurrent problem of voice. Some human and nonhuman stakeholders, such as future human generations and nonhuman entities, cannot verbally express themselves. Other human stakeholders, such as unprotected laborers, may have little or no opportunity to voice their standpoints. Others may undertake to do so but are unintentionally or intentionally neglected, misunderstood or misrepresented; while the standpoints of still others may be simply repudiated, censored or otherwise silenced. Despite these difficulties, an increased sense of the need to include ethics in public and private, or public, civic and social organizational and individual decision making has emerged, particularly since the 1980s. At the same time, practical agendas and academic studies increasingly articulate and address ethical processes and issues.

This course will focus upon sustainability ethics, which constitute a second generation of environmental ethics. The course material is organized into three sections. The first will address the rise and transformation of environmental ethics from their first generation, called environmental ethics, to their second generation, called sustainability ethics. Much debated clusters of environmental ethics will be identified, and new directions in sustainability ethics will be introduced. The second and third sections of the course will address two sets of sector-based sustainability ethics. One set includes land, water, air and waste ethics; and the other includes

energy, food, place, consumption and climate ethics. An overall movement from more abstract debates to more practical applications will be seen. These applications typically involve the work of “watchdogs”, or monitoring mechanisms, such as grassroots movements that promote local activism and even citizen brigades, established NGOs that create data-based indicators and undertake litigation, corporations and shareholders pursuing social responsibility, governmental institutions providing oversight and regulation, and both traditional and new forms of investigative media. Students will have the opportunity to conduct research on sustainability ethics in relation to an organization or sector they select.

Throughout the course, discussion will center upon ethical practice: how can we apply sustainability ethics, values and justice, and ensure their continued application? What kinds of initiatives, innovations and proposals can we design to bring individual and institutional goals into alignment with an array of relevant ethical standpoints, while reducing and negotiating conflicts among them? The aim is to equip decision makers with the understanding and vocabulary needed to create and implement plans meeting the ethical requirements of sustainability.



Image Credit: <https://www.gscouncil.org/unlocking-the-business-value-of-sustainability-through-innovation/>

Course Objectives

Students are expected to learn how to evaluate and manage the competing ethical claims of stakeholders regarding social, economic and environmental benefits and harms. On completing the course, students should be able to:

- (1) identify and assess ethical claims concerning both the biotic whole and distinct sectors of sustainability;
- (2) perceive and map conflict and its resolution or remediation among competing social, economic and environmental values;
- (3) discern and assess values within documents, organizations and standpoints;
- (4) design incentives or disincentives to alter or maintain values-based claims;
- (5) frame ethics provisions for sustainability project proposals;
- (6) identify mechanisms for ethics training and monitoring in the practice of management;

- (7) utilize corruption assessment tools and structure anti-corruption provisions;
- (8) engage in public discourse in terms of sustainability ethics;
- (9) apply sustainability ethics in the context of policy, program and project design, innovation and change; and
- (10) utilize cases and case histories to inform, improve and ground decision making.

Course Topics and Readings

In advance of each class, students should become familiar with the relevant materials posted in the Files section of our Canvas site, reading at least 3 of the 6 scholarly articles listed. Each week, a relevant web page is also provided as a source of additional information and potential research.

During each class session, the various items listed will be discussed, and students will have the opportunity to express their thoughts on them.

Section I. The Rise and Transformation of Environmental Ethics

Week 1. Human Ethics

September 6

Thoreau, Henry David. 1854 (2006). Economy. Ch. 1 in *Walden: or, Life in the Woods*. Hazleton, PA: Pennsylvania State University, 5-64.

Muir, John. 1912. Hetch Hetchy Valley. Ch. 16 in *The Yosemite*. New York: The Century Co.

Leopold, Aldo. 1949 (1989). The Land Ethic. In Pt. 4 of *A Sand County Almanac: And Sketches Here and There*. New York: Oxford University Press.

Carson, Rachel. 1962 (2002). And No Birds Sing. Ch. 8 in *Silent Spring*. New York: Houghton Mifflin Harcourt, 59-74.

Web Page: Sustainable Development Goals 2015—United Nations
<https://sustainabledevelopment.un.org/?menu=1300>

Week 2. Environmental Ethics

September 13

Callicott, J. Baird. 2008. Contemporary Criticisms of the Received Wilderness Idea. In Pt. 3 of *The Wilderness Debate Rages On: Continuing the Great New Wilderness Debate*, ed. Michael P. Nelson and J. Baird Callicott. Athens, GA: University of Georgia Press, 355-377.

Balogh, Brian. 2002. Scientific Forestry and the Roots of the Modern American State: Gifford Pinchot's Path to Progressive Reform. *Environmental History* 7.2 (2002) 198-225.

Light, Andrew. 2005. Restoration, Autonomy, and Domination. Ch. 9 in *Recognizing the Autonomy of Nature: Theory and Practice*, ed. Thomas Heyd. New York: Columbia University Press, 154-169.

McGurty, Eileen. 2007. The Significance of Warren County. Ch. 1 in *Transforming Environmentalism: Warren County, PCBs, and the Origin of Environmental Justice*. New Brunswick, NJ: Rutgers University Press, 1-20.

Singer, Peter. 1975 (2009). All Animals are Created Equal. Ch. 1 in *Animal Liberation: The Definitive Book of the Animal Movement*. New York: HarperCollins Publishers, 1-24.

Becker, Christian U. 2012. The Relational Dimension of Sustainability Ethics and the Role of Individual Morality. Ch. 9 in *Sustainability Ethics and Sustainability Research*. New York: Springer, 67-82.

Web Page: The Smithsonian Channel Commemorates the 50th Anniversary of the Wilderness Act
<https://www.youtube.com/watch?v=BIX8mQPd12Y>

Week 3. Earth Justice

September 20

Gordon, Gwendolyn J. 2018. Environmental Personhood. *Columbia Journal of Environmental Law* 43.1 (2018) 49-91.

Howe, Helena R. 2017. Making Wild Law Work: The Role of ‘Connection with Nature’ and Education in Developing an Ecocentric Property Law. *Journal of Environmental Law* 29 (2017) 19-45.

Paulson, Nels. 2018. Legitimizing Knowledge in the Modern World Polity: A Study of INGOs and Sustainable Hunting. *International Journal of Politics, Culture, and Society* 30 (2017) 43-61.

De George, Richard. 2017. Rethinking Global Business Ethics: The North-South Paradigm. *Business and Society Review* 122.1 (2017) 5-25.

Pescarini, Julia Moreira, *et al.* 2017. Migration to Middle-Income Countries and Tuberculosis: Global Policies for Global Economies. *Globalization and Health* 13:15 (2017).
doi.10.1186/s12992-017-0236-6.

Gunderson, Ryan. 2018. Degrowth and Other Quiescent Futures: Pioneering Proponents of an Idler Society. *Journal of Cleaner Production* 198 (2018) 1574-1582.

Web Page: The Earth Charter 2000—The Earth Charter Initiative
<http://earthcharter.org/discover/the-earth-charter/>

Week 4. Biocultural Ethics

September 27

Kakoty, Sanjeeb. 2018. Ecology, Sustainability and Traditional Wisdom. *Journal of Cleaner Production* 172 (2018) 3215-3224.

Choy, Yee Keong. 2018. Cost-benefit Analysis, Values, Wellbeing and Ethics: An Indigenous Worldview Analysis. *Ecological Economics* 145 (2018) 1-9.

Petursson, Jon Geir, and Paul Vedeld. 2017. Rhetoric and Reality in Protected Area Governance: Institutional Change under Different Conservation Discourses in Mount Elgon National Park, Uganda. *Ecological Economics* 131 (2017) 166-177.

Kaltenborn, Bjorn P., *et al.* 2017. Ecosystem Services and Cultural Values as Building Blocks for 'The Good life'. A Case Study in the Community of Røst, Lofoten Islands, Norway. *Ecological Economics* 140 (2017) 166–176.

Derkzen, Marthe L., *et al.* 2017. Shifts in Ecosystem Services in Deprived Urban Areas: Understanding People's Responses and Consequences for Well-being. *Ecology and Society* 22.1 (2017) 51.

Lecuyer, Lou, *et al.* 2018. The Construction of Feelings of Justice in Environmental Management: An Empirical Study of Multiple Biodiversity Conflicts in Calakmul, Mexico. *Journal of Environmental Management* 213 (2018) 363-373.

Web Page: The World Heritage List—United Nations
<http://whc.unesco.org/en/list>

Section II. Sector-Based Sustainability Ethics (A)

Week 5. Land Ethics

October 4

Biswas, Debashish, *et al.* 2018. The Drivers and Impacts of Selling Soil for Brick Making in Bangladesh. *Environmental Management*. doi:10.1007/s00267-018-1072-z.

Eriksson, Mats, *et al.* 2018. Water, Forests, People: The Swedish Experience in Building Resilient Landscapes. *Environmental Management* 62 (2018) 45-57.

Gulinck, Hubert, *et al.* 2018. The Fourth Regime of Open Space. *Sustainability* 2018, 10, 2143.

Schurman, Rachel. 2018. Micro(soft) Managing a 'Green Revolution' for Africa: The New Donor Culture and International Agricultural Development. *World Development* 112 (2018) 180-192.

Boone, Catherine. 2017. Sons of the Soil Conflict in Africa: Institutional Determinants of Ethnic Conflict Over Land. *World Development* 96 (2017) 276-293.

Flomenhoft, Gary. 2018. Historical and Empirical Basis for Communal Title in Minerals at the National Level: Does Ownership Matter for Human Development? *Sustainability* 2018, 10, 1958.

Web Page: Global Land Outlook 2017–UN Convention to Combat Desertification
<https://knowledge.unccd.int/glo>

Week 6. Water Ethics

October 11

Conker, Ahmet. 2018. Understanding Turkish Water Nationalism and its Role in the Historical Hydraulic Development of Turkey. *Nationalities Papers*. doi:10.1080/00905992.2018.1473353.

Melgarejo-Moreno, Joaquín, *et al.* 2018. Water Distribution Management in South-East Spain: A Guaranteed System in a Context of Scarce Resources. *Science of the Total Environment* 648 (2019) 1384-1393.

Kirchherr, Julian, and Nathaniel Matthews. 2018. Technology Transfer in the Hydropower Industry: An Analysis of Chinese Dam Developers' Undertakings in Europe and Latin America. *Energy Policy* 113 (2018) 546-558.

Theesfeld, Insa. 2018. From Land to Water Grabbing: A Property Rights Perspective on Linked Natural Resources. *Ecological Economics* 154 (2018) 62-70.

Clement, Foriane, *et al.* 2017. IWRM Discourses, Institutional Holy Grail and Water Justice in Nepal. *Water Alternatives* 10.3 (2017) 870-887.

Tiwale, Sachin, *et al.* 2018. The Power of Pipes: Mapping Urban Water Inequities through the Material Properties of Networked Water Infrastructures - The Case of Lilongwe, Malawi. *Water Alternatives* 11.2 (2018).314-335.

Web Page: Water Integrity Network—Annual Report 2017
<http://staging.win.lat.webfactional.com/2018/07/02/2017-annual-report-available/>

Week 7. Air Ethics

October 18

Rajé, Fiona, *et al.* 2018. Traffic Pollution: A Search for Solutions for a City Like Nairobi. *Cities*. doi:10.1016/j.cities.2018.05.008.

Xiao, Jieling, *et al.* 2018. A Perceptual Model of Smellscape Pleasantness. *Cities* 76 (2018) 105-115.

Staniscia, Stefania. 2018. Aesthetic Appreciation of Personal Rapid Transit: A New Viewpoint. *Cities* 79 (2018) 169-177.

Aflaki, Ardalan, *et al.* 2017. Urban Heat Island Mitigation Strategies: A State-of-the-Art Review on Kuala Lumpur, Singapore and Hong Kong. *Cities* 62 (2017) 131-145.

Comaroff, Joshua. 2017. On the Materialities of Air. *City*, 21.5 (2017) 607-613.

Stabell, Espen Dyrnes, and Daniel Steel. 2018. Precaution and Fairness: A Framework for Distributing Costs of Protection from Environmental Risks. *Journal of Environmental and Agricultural Ethics* 31 (2018) 55-71.

Web Page: Ethisphere—World’s Most Ethical Companies 2018
<https://www.worldsmoethicalcompanies.com/>

Week 8. Waste Ethics

October 25

Regattieri, Alberto, *et al.* 2018. Innovative Solutions for Reusing Packaging Waste Materials in Humanitarian Logistics. *Sustainability* 2018, 10, 1587.

Devin, Bree, and Carol Richards. 2018. Food Waste, Power, and Corporate Social Responsibility in the Australian Food Supply Chain. *Journal of Business Ethics* 150 (2018) 199-210.

Swagemakers, Paul, *et al.* 2018. Socially-Inclusive Development and Value Creation: How a Composting Project in Galicia (Spain) ‘Hit the Rocks’. *Sustainability* 2018, 10, 2040.

Wyssusek, Kerstin H., *et al.* 2018. Operating Room Greening Initiatives – The Old, the New, and the Way Forward: A Narrative Review. *Waste Management and Research*. doi: 10.1177/0734242X18793937.

Betancur-Corredor, Bibiana, *et al.* 2018. Gold Mining as a Potential Driver of Development in Colombia: Challenges and Opportunities. *Journal of Cleaner Production* 199 (2018) 538-553.

Velenturf, Anne P. M., and Phil Purnell. 2017. Resource Recovery from Waste: Restoring the Balance between Resource Scarcity and Waste Overload. *Sustainability* 2017, 9, 1603.

Web Page: Toxics Release Inventory (TRI) Program—U.S. Environmental Protection Agency
<https://www.epa.gov/toxics-release-inventory-tri-program/2017-tri-preliminary-dataset>

Section III. Sector-Based Sustainability Ethics (B)

Week 9. Energy Ethics

November 1

Jenkins, Kirsten, *et al.* 2018. Humanizing Sociotechnical Transitions through Energy Justice: An Ethical Framework for Global Transformative Change. *Energy Policy* 117 (2018) 66-74.

Cole, Peter. 2018. Assessing the Impact of a Renewable Energy Programme in Bamyan, Afghanistan: The Value of a Capability Approach. *Energy for Sustainable Development* 45 (2018) 198-205.

Pueyo, Ana. 2018. What Constrains Renewable Energy Investment in Sub-Saharan Africa? A Comparison of Kenya and Ghana. *World Development* 109 (2018) 85–100.

Hensengerth, Oliver. 2018. South-South Technology Transfer: Who Benefits? A Case Study of the Chinese-built Bui Dam in Ghana. *Energy Policy* 114 (2018) 499-507.

Bergman, Noam. 2018. Impacts of the Fossil Fuel Divestment Movement: Effects on Finance, Policy and Public Discourse. *Sustainability* 2018, 10, 2529.

Schaffartzik, Anke, and Marina Fischer-Kowalski. 2018. Latecomers to the Fossil Energy Transition, Frontrunners for Change? The Relevance of the Energy ‘Underdogs’ for Sustainability Transformations. *Sustainability* 2018, 10, 2650.

Web Page: Extractive Industries Transparency Initiative—Progress Report 2018
https://eiti.org/sites/default/files/documents/2018_eiti_progress_report_en.pdf

Week 10. Food Ethics

November 8

Milburn, Josh. 2018. Death-Free Dairy? The Ethics of Clean Milk. *Journal of Agricultural and Environmental Ethics* 31 (2018) 261-279.

Lozano-Cabedo, Carmen, and Cristo´bal Go´mez-Benito. 2017. A Theoretical Model of Food Citizenship for the Analysis of Social Praxis. *Journal of Agricultural and Environmental Ethics* 30 (2017) 1-22.

Portman, Anne. 2018. Food Sovereignty and Gender Justice. *Journal of Agricultural and Environmental Ethics* 31 (2018) 455-466.

Uhlmann, Kora, *et al.* 2018. Who Cares? The Importance of Emotional Connections with Nature to Ensure Food Security and Wellbeing in Cities. *Sustainability* 2018, 10, 1844.

Garst, Jilde, *et al.* 2017. Responsibility versus Profit: The Motives of Food Firms for Healthy Product Innovation. *Sustainability* 2017, 9, 2286.

Martin-Shields, Charles P., and Wolfgang Stojetz. 2018. Food Security and Conflict: Empirical Challenges and Future Opportunities for Research and Policy Making on Food Security and Conflict. *World Development*. doi.org/10.1016/j.worlddev.2018.07.011.

Web Page: Codex Alimentarius International Food Standards—UN Food and Agriculture Organization <http://www.fao.org/fao-who-codexalimentarius/about-codex/en/#c453333>
<http://www.fao.org/fao-who-codexalimentarius/codex-texts/all-standards/en/>

Week 11. Place Ethics

November 15

Baliqi, Bekim. 2018. Contested War Remembrance and Ethnopolitical Identities in Kosovo. *Nationalities Papers*, 46:3 (2018) 471-483.

Bailey, David, *et al.* 2018. A Place-based Developmental Regional Industrial Strategy for Sustainable Capture of Co-created Value. *Cambridge Journal of Economics*. doi:10.1093/cje/bey019.

Wartman, Paul, *et al.* 2018. Temperate Agroforestry: How Forest Garden Systems Combined with People-Based Ethics Can Transform Culture. *Sustainability* 2018, 10, 2246.

Blanco-Romero, Asuncion, *et al.* 2018. Barcelona, Housing Rent Bubble in a Tourist City. Social Responses and Local Policies. *Sustainability* 2018, 10, 2043.

Johnsen, Sarah, *et al.* 2018. Homelessness and Social Control: A Typology. *Housing Studies*. doi:10.1080/02673037.2017.1421912.

Dominic, Tara. 2018. A New Statelessness? The Truman Doctrine, the Modern Latin American Mercenary, and the Economic Entrenchment of the Third World. *International Journal of Politics, Culture, and Society* 31 (2018) 1-14.

Web Page: On Care for Our Common Home 2015—Encyclical
http://w2.vatican.va/content/francesco/en/encyclicals/documents/papa-francesco_20150524_enciclica-laudato-si.html

Week 12. Thanksgiving Holiday

November 22

Week 13. Consumption Ethics

November 29

Phillipov, Michelle, and Fred Gale. 2018. Celebrity Chefs, Consumption Politics and Food Labelling: Exploring the Contradictions. *Journal of Consumer Culture*. doi:10.1177/1469540518773831.

Steward, Shelly. 2017. What Does that Shirt Mean to You? Thriftstore Consumption as Cultural Capital. *Journal of Consumer Culture*. doi:10.1177/1469540517745707.

Luchs, Michael Gerard, and David Glen Mick. 2018. Consumer Wisdom: A Theoretical Framework of Five Integrated Facets. *Journal of Consumer Psychology* 28.3 (2018) 365-392.

Pansera, Mario, and Richard Owen. 2018. Innovation for De-growth: A Case Study of Counter-hegemonic Practices from Kerala, India. *Journal of Cleaner Production* 197 (2018) 1872-1883.

Khmara, Yaryna, and Jakub Kronenberg. 2018. Degrowth in Business: An Oxymoron or a Viable Business Model for Sustainability? *Journal of Cleaner Production* 177 (2018) 721-731.

Lim, Weng Marc. 2018. Demystifying Neuromarketing. *Journal of Business Research* 91 (2018) 205-220.

Web Page: World Happiness Report 2018

<http://worldhappiness.report/ed/2018/>

Week 14. Climate Ethics

December 6

Scoville-Simonds, Morgan. 2018. Climate, the Earth, and God – Entangled Narratives of Cultural and Climatic Change in the Peruvian Andes. *World Development* 110 (2018) 345-359.

Forsyth, Tim. 2018. Is Resilience to Climate Change Socially Inclusive? Investigating Theories of Change Processes in Myanmar. *World Development* 111 (2018) 13-26.

Wood, Benjamin T. *et al.* 2018. Socially Just Triple-Wins? A Framework for Evaluating the Social Justice Implications of Climate Compatible Development. *Sustainability* 2018, 10, 211.

Tafere, Maereg. 2018. Forced Displacements and the Environment: Its Place in National and International Climate Agenda. *Journal of Environmental Management* 224 (2018) 191-201.

Doukas, Haris, *et al.* 2018. From Integrated to Integrative: Delivering on the Paris Agreement. *Sustainability* 2018, 10, 2299.

Ranangen, Helena, *et al.* 2018. From Global Goals and Planetary Boundaries to Public Governance – A Framework for Prioritizing Organizational Sustainability Activities. *Sustainability* 2018, 10, 2741.

Web Page: The World Justice Project—Rule of Law Index 2017-2018

<https://worldjusticeproject.org/our-work/wjp-rule-law-index/wjp-rule-law-index-2017%E2%80%932018>

Week 15. Student Presentations

December 13 [or sooner]

Course Materials

Required reading materials are indicated under weekly topics in the Files section of our Canvas site, typically as PDFs. They have been selected from a broad range of highly contemporary relevant literature. To access a reading, simply click on the title in the Files section. It usually takes significantly under a minute for the article to appear fully, depending upon the strength of internet connectivity and the type of browser used.

In addition, for the purpose of review, PPTs used in class will be posted weekly in the Files section of our Canvas site.

Course Requirements and Grades

Course requirements are listed below, together with their grade point values.

1. ***Class Attendance:*** Attendance will be given a maximum weight of **13%**. One grade point will be given for each attended class session. Attendance should be timely and regular. An absence is excused only with (a) prior e-mail notification for a critical documented purpose, or (b) emergency verification. Attendance should be professionally “attentive”, or without distracting use of electronic or other equipment.
2. ***Class Participation:*** Participation will be given a maximum weight of **26%**. Two grade points will be given for active participation in each class session. Active participation includes both (a) raising questions and offering comments connected meaningfully to ongoing discussion; and (b) introducing readings by sharing highlights and considerations pertaining to them. In view of the large size of the class, each student should aim to participate cogently at least three times during the semester (once in each of three different weeks) on the basis of prior contemplation of the relevant material.
3. ***Discussion Entries:*** Discussion entries posted on our Canvas website in the Discussion section will be given a maximum weight of **26%**. A maximum of two grade points will be given for the timely preparation and posting of an informative, perceptive, coherent and cogent essay-style statement pertinent to the reading material assigned for a class session. One such statement should be prepared in advance of each class session. The statement is due by Wednesday, 2 p.m. before the Thursday class to which it pertains. Students should consider the possibility of accomplishing their readings and posting their statements over the weekend prior to any class.
4. ***A Report:*** A report focusing on a clearly framed, specific case of innovation in or deviation from sustainability ethics in a public, civic or private organization will be given a maximum weight of **35%**. The report should explain why the relevant conduct or policy is ethical or unethical, with reference to the sustainability ethics addressed in the course. The report should explain how the conduct or policy demonstrates “best practices” or “corrupt practices”. It should be submitted both online and in paper copy by Tuesday, December 11, at 11:59 p.m. Informal presentations on student reports will be scheduled for Thursday, December 13, during the usual class time framework.

Additional details regarding course requirements will be posted, as needed, in the Assignments section of our Canvas site.

Each student’s points for all requirements (class attendance, class participation, discussion entries and the report) will be totaled, and a class curve will be established. Final grades will be provided on a letter grade scale.

Statements of University Policy

Academic Integrity Statement

The School of International and Public Affairs does not tolerate cheating and/or plagiarism in any form. Those students who violate the Academic Integrity and Community Standards will be subject to the Dean's Disciplinary Procedures. The standards can be viewed online at:

<http://studentconduct.columbia.edu/>

Please familiarize yourself with the proper methods of citation and attribution. Columbia provides some useful resources online; we strongly encourage you to familiarize yourself with these various styles before conducting your research:

<http://library.columbia.edu/research/citation-management.html>

Violations of the Academic Integrity and Community Standards will be reported to the Associate Dean for Student and Alumni Affairs.

Facilities Accessibility Statement

Columbia is committed to providing equal access to qualified students with documented disabilities. A student's disability status and reasonable accommodations are individually determined based upon disability documentation and related information gathered through the intake process. For more information regarding this service, please visit the University's Health Services website at:

<http://www.health.columbia.edu/disability-services>

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<http://wolfweb.com/?p=289>

<https://countrygate.files.wordpress.com/2012/04/dandelions.jpg>

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<https://www.gscouncil.org/unlocking-the-business-value-of-sustainability-through-innovation/>