Curriculum Vitae

Donald A. Brown, 2915 Beverly Rd., Camp Hill, Pa. 17011; 717-783-8504 (office); 717-787-9378 (fax); 717-783-8504;(email) dab57@psu.edu,

INTERESTS:

Interdisciplinary Environmental Policy, Environmental Ethics, Environmental Law, Climate Change Science, Policy, and Ethics, Sustainable Development Policy and Ethics, International Environmental Regimes, Global Ethics, Biodiversity, Water Policy, Human Health and Environment Linkages, Toxic Substances, Links Between Climate Change and Human Development.

EMPLOYMENT HISTORY:

Aug. 2007 to present; Associate Professor, Environmental Ethics, Science, and Law. Science, Technology, and Society Program, Penn State University

May 1998 to Aug. 2007: Senior Counsel for Sustainable Development**,** Pennsylvania Department of Environmental Resources.

Jan. 2000 to 2008, Director, Pennsylvania Consortium for Interdisciplinary Environmental Policy, an organization comprised of 56 colleges and universities and the Pennsylvania Departments of Environmental Protection and Conservation and Natural Resources.

Sept. 2005 to June 2006: Senior Research Scientist, Rock Ethics Institute, Penn State University.

Sept. 1995 to May 1998: Program Manager, United Nations Organizations, United States Environmental Protection Agency, Office of International Environmental Policy.

Sept. 1988 to Sept. 1995: Director, Bureau of Hazardous Sites and Superfund Enforcement, Office Of Chief Counsel, Pennsylvania Department of Environmental Resources.

Oct. 1984 to Oct. 1988: Chief, Central Region Litigation, Office of Chief Counsel, Pennsylvania Department of Environmental Resources.

Sept. 1979 to Oct.1984: Assistant Attorney General, Assistant Counsel, Pennsylvania Department of Environmental Resources.

Sept. 1978 to Sept.1979: Director, Office of Regulation and Enforcement, New Jersey Department of Environmental Protection.

Sept. 1975 to Sept.1978: Assistant Director for Regulatory Affairs, Bureau of Water Resources, New Jersey Department of Environmental Protection.

Sept. 1973 to Sept.1975: Legal Analyst, New Jersey Department of Environmental Protection.

June 1967 to Sept.1973: Applications Engineer, Leeds and Northrup Company, Union, New Jersey.

EDUCATION:

Sept.'76 to June '77: New School for Social Research, New York, N.Y.
Degree: None, taking courses toward Ph.D. in Philosophy.

Sept.'73 to June '76: New School for Social Research, New York, N.Y.
Degree: M.A. in Liberal Studies, Area of Concentration, Philosophy and the Arts.

Sept.'69 to Jan.'73: Seton Hall University, School of Law, Newark, N.J.
Degree: Juris Doctor.

Sept.'62 to June '67: Drexel Institute of Technology, Philadelphia, Pa.
Degree: B.S., Major: Commerce and Engineering Sciences.

OTHER PERSONAL:

Contributing Author, Intergovernmental Panel on Climate Change (IPCC), Working Group III, Fifth Assessment, Member of Steering Committee, UNESCO Program On Climate Change Ethics, Advisor to the Office of the United Nations Secretary General on Integrating Ethics Into International Climate Change Negotiations, Vice-chair of American Bar Association, Committee on International Climate Change, a sub-committee of the Committee on Sustainability, Climate Change, and Ecological Systems, Editorial Advisor to Environmental Ethics, Editorial Advisor to the Journal of the National Association of Environmental Professionals, Project reviewer for National Science Foundation, Lead Author of the Global Environmental Report for the United Nations Environment Program, Project Coordinator for Collaborative Program on the Ethical Dimensions on Climate Change at Penn State University, Rock Ethics Institute, Advisor to the Third World Academy of Sciences on Biodiversity in Drylands, Reviewer, United Nations Intergovernmental Panel on Climate Change, Working Group III. Fourth Assessment. Advisor to the Columbia University Climate Change Global Dialogue Project, Manager of Award Winning Web Site, ClimateEthics.org.. Also extensive experience lecturing on and teaching about interdisciplinary environmental policy issues and work as an advisor on international environmental policy issues (See later sections of CV). Admitted to New Jersey and Pennsylvania Bar, the Eastern, Middle, and Western Pennsylvania District Courts of the United States, the United States District Court for the District of New Jersey, the United States Third Circuit Court of Appeals, the United States Court of Appeals for the District of Columbia, Member of The

PUBLICATIONS:

- **Articles Published In Refereed Journals**

Lemons,, Brown, ,2011. **Global Climate Change and Non–Violent Civil Disobedience.** Ethics in Science and Environmental Politics 11:3–12
http://www.int-res.com/articles/esep2011/11/e011p003.pdf.

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Dernbach, Brown**, Responsibility to Reduce Energy Consumption, Conserve Energy,** Hofstra Law Review, Vol. 37, No 4., Summer 2009

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Brown, **The Importance of Expressly Examining Global Warming Policy Issues Through an Ethical Prism,** Global Environmental Change, 2003, Vol. 13. pp, 229 to 234.

Brown, **The Ethical Dimensions of Global Environmental Issues**, Daedalus, Journal of the American Academy of Arts and Sciences, Volume 130, 2001.pp , 56-76.

Brown, **Thinking Globally and Acting Locally: The Emergence of Global Environmental Problems and the Critical Need to Develop Sustainable Development Programs at State and Local Levels in the United States,** Dickinson Journal of Environmental Law, Summer 1996.

Brown, Lemons, **Scientific Certainty and the Laws That Govern Location of Potential High-Level Nuclear Waste Repository**, Environmental Management, Vol. 15, 1991, pp. 311-319.

Brown, Lemons, and Varner, **Congress, Consistency, and Environmental Law,** Environmental Ethics, Vol. 12, 1990.pp, 311-327.

Brown, EPA's Resolution of the Conflict Between Cost and the Law in Setting Cleanup Standards Under Superfund, Columbia Journal of Environmental Law, Vol. 15, No 2, 1990, pp 241-270.

Brown, **Ethics, Science and Environmental Regulation,** Environmental Ethics, Volume 9, 1987. pp, 331-350

Brown, **Superfund Cleanups, Ethics, and Risk Assessment**, Boston College Environmental Affairs Law Review, Winter 1988.

- **Books**

Brown, **Navigating the Perfect Moral Storm: Climate Change Ethics In Light of a Thirty-Five Year Debate,** Rutlidge-Earthscan, forthcoming.

Brown, **American Heat: Ethical Problems with the United States Response to Global Warming,** Roman and Littlefield, Latham, Maryland, 2002.

Lemons, Brown, **Sustainable Development: Science, Ethics, and Public Policy,** Kluwer Academic Press, 1995.

Brown, ed, **Proceedings of Interdisciplinary Conference on the Ethical Dimensions of the United Nations Program on Environment and Development, Agenda 21,** United Nations, New York, January, 1994.

Book Chapters

Brown**, Ethical Obligations of Individuals to Reduce Greenhouse Gas Emissions**., in L. Westra and C. Soskolne, Eds, Human Health and Ecological Integrity, Earthscan, forthcoming

Brown, **Five Questions About Sustainability** In **Sustainability Ethics: 5 Questions,** Editors, Ryne Raffaelle Wade Robison. Evan Selinger**,** Vince And Company, Copenhangen**,**

Brown, **Climate Change,** in **The Spirit of Sustainability,** Berkshire Encyclopedia of Sustainability, Editor William Jenkins, Berkshire Publishing, pages 68-70, 2010

Brown, **Global Ethics,** in **The Spirit of Sustainability,** Berkshire Encyclopedia of Sustainability, Editor William Jenkins, Berkshire Publishing, pages 164-165, 2010

Brown, **The Importance of Creating An Applied Environmental Ethics, Lessons Learned from Climate Brown Change,** in **Nature In Common,** Editor, Ben A. Minter, Temple University Press, Pages 215-227, 2010

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Brown, **Ethical Issues With Carbon Cap and Trade Regimes. Democracy**, in **Ecological Integrity and International Law,** J. Ronald Engel, Laura Westr and Klaus Bosselmann eds, Cambridge Scholars Publishing Newcastle Upon Tyne, UK., pp.373-385.

Brown, **Ten Ethical Questions That Should Be Asked Of Those Who Oppose Climate Change Polices on Scientific Grounds.** In**, , Debating Science: Deliberation, Values, and the Common Good,** Editor, Dane Scott Prometheus Books, 2010 (forthcoming)

Brown, **The United State Performance In Meeting Its Climate Change Commitments,** in Dernbach, ed., Stumbling to Toward Sustainability, Environmental Law Institute, 2008

Brown, **The Case for Understanding Climate Change as Triggering Human Rights Violations**, in Westra. Bosseleman, and Wesra, eds, Reconciling Human Existence With Ecological Integrity, Earthscan, 2008.

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Coordinating Authors, Martino, Zommers, Lead Authors, Bowman. Brown, Carmin, Kouuwenhoven, Manders, Milimo, Mohhamed-Katerere, De Olivera, Constributing Authors, Cleasen, Dalby, Dankelman, Donaldson, Doulbelday, Finchman, Harriba, Karlson, MacDonald, Mortensen, Rubian, Schmidt-Traub, Shah, Sonneveld, De Soysa, Zurayk, Keyzer, Van Veen, **Environment For Development, Chapter One,** United Nations Environment Program, **Global Environment Outlook, GEO-4.** United Nations Environment Program, 2007.

Brown, **Lessons On Protecting Biodiversity From Around the World: Biodiversity Conservation Programs Implemented by Other Nations Under the Biodiversity Convention,** in McKinstrry, Ripp, and Lisy, eds., **Biodiversity Handbook,** Environmental Law Institute, 2006.

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- **Book Reviews**

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Brown**, Going Deeper On What Happened In Durban: An Ethical Critique of Durban Outcomes,** ClimateEthics **http://rockblogs.psu.edu/climate/2011/12/going-deeper-on-what-happened-in-durban-an-ethical-critique-of-durban-outcomes.html**, Dec.2011

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Brown, **An Ethical Analysis of the Cancun Climate Negotiations Outcom** **http://rockblogs.psu.edu/climate/2010/12/an-ethical-analysis-of-the-cancun-climate-negotiations-outcome.html** Dec 2010

Brown, **The Ethics of Carbon Cap and Trade Continued: Going Deeper On Our Original Analysis** **http://rockblogs.psu.edu/climate/2010/11/the-ethics-of-carbon-cap-and-trade-continued-going-deeper-on-our-original-analysis.html**, Nov. 2010

Brown, **A New Kind of Crime Against Humanity?: The Fossil Fuel Industry's Disinformation Campaign On Climate Change** **http://rockblogs.psu.edu/climate/2010/10/a-new-kind-of-vicious-crime-against-humanity-the-fossil-fuel-industrys-disinformation-campaign-on-cl.html,** Oct 2010

Brown**, Ethical Problems With Cost Arguments Made In Opposition to Climate Change Policies: The Failure To Value The Harms That Will Be Caused by Doing Nothing.** **http://rockblogs.psu.edu/climate/2010/10/ethical-problems-with-cost-arguments-made-in-opposition-to-climate-change-policies-the-failure-to-id.html**, Nov, 2010,

Brown**, Ethical Problems With Cost Arguments Against Climate Change Policies: Increased Costs May Not Justify Human Rights Violations**, ClimateEthics, **http://rockblogs.psu.edu/climate/2010/09/ethical-problems-with-cost-arguments-against-climate-change-policies-increased-costs-may-not-justify.html**, Sept, 2010.

Brown, **Are Fossil Fuel Industry Commercials Encouraging Americans to Engage In Unethical Climate Change Causing Behavior**? ClimateEthics, **http://rockblogs.psu.edu/climate/2010/09/do-current-fossil-fuel-industry-commercials-encourage-americans-to-engage-in-unethical-behavior-on-c.html.** Sept,2010,

Brown, **Ethical Problems With Cost Arguments Against Climate Change Policies: The Failure To Recognize Duties To Non-citizens,** ClimateEthics, **http://rockblogs.psu.edu/climate/2010/08/ethical-problems-may-the-nations-rely-on-excessive-costs-to-it-as-justification-for-non-action-on-cl.html**. August, 2010

Brown**, On The Moral Imperatives Of Speaking Publicly About the Ethical Dimensions of Climate Change-And How It Must Be Done**, **http://ckblogs.psu.edu/climate/2010/08/on-the-moral-imperatives-of-speaking-publicly-about-the-ethical-dimensions-of-climate-change-and-how.html** , August, 2010

Brown**, Are Ethical Arguments for Climate Change Action Weaker Than Self-Interest Based Arguments? Why Taking Ethical Arguments Off the Table Is Like A Soccer Team Unilaterally Taking The Goalie Out of the Net**. **ClimateEthics, http://rockblogs.psu.edu/climate/2010/08/are-ethical-arguments-for-climate-change-action-weaker-than-self-interest-based-arguments-why-taking.html. August, 2010**

Brown, **The Worst Ethical Scandal In the US Congress: Climate Change?,** ClimateEthics, **http://rockblogs.psu.edu/climate/2010/08/the-worst-ethical-scandal-in-the-us-congress-climate-change.html,** August, 2010

Brown**, What Needs To Be Done To Assure That Ethical Principles Guide Climate Change Policy Making: A Look At The Bridge at The End OF The World,** ClimateEthics, **http://rockblogs.psu.edu/climate/2010/08/what-needs-to-be-done-to-assure-that-ethical-principles-guide-climate-change-policy-making-a-look-at.html,** August, 2010

Brown**, Have We Been Asking the Wrong Questions About Climate Change Science? Why Strong Climate Change Ethical Duties Exist Before Scientific Uncertainties are Resolved.,** ClimateEthics, **http://rockblogs.psu.edu/climate/2010/07/have-we-been-asking-the-wrong-questions-about-climate-change-science-why-strong-climate-change-ethic.html.** July, 2010.

Brown, **Stopping the Worst Environmental Disaster?: An Ethical and Scientific Comparison of the Gulf Oil Spill and Climate Change,** ClimateEthics, . **http://rockblogs.psu.edu/climate/2010/06/stopping-the-worst-environmental-disaster-an-ethical-and-scientific-comparison-of-the-gulf-oil-spill.html,** June, 2010,

Brown**, Ethical Issues Raised By Carbon Trading,** ClimateEthics, **http://rockblogs.psu.edu/climate/2010/06/ethical-issues-raised-by-carbon-cap-and-trade-regimes.html.** June, 2010.

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Brown, **Two Climate Change Matters Move To Center Stage In Copenhagen With Profound Implications for Developed Nations: Ethics and Adaptation. ClimateEthics, http://climateethics.org/?p=331, December, 2010**

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Brown, **ClimateEthics.org Identifies Ethical Issues Entailed by Copenhagen Negotiations,** ClimateEthics**, http://climateethics.org/?p=314**. November, 2009**.**

Brown, **Ethical Obligations of States, Regional and Local Governments, Organizations, Businesses, and Individuals to Reduce Greenhouse Gas Emissions.** ClimateEthics, http://climateethics.org/?p=309**.** November 2009

Brown**, Contraction & Convergence and Greenhouse Development Rights: A Critical Comparison Between Two Salient Climate-Ethical Concepts**, ClimateEthics**,** http://climateethics.org/?p=291, October 2009

Brown, **Conceptualizations of Justice in Climate Policy: A Summary of a Paper by Sonja Klinsky and Hadi Dowlatabadi,** ClimateEthics, http://climateethics.org/?p=263**,** October. 2009

Brown, **Summary of A Perfect Moral Storm: Climate Change, Intergenerational Ethics and the Problem of Moral Corruption, A Paper By Stephan Gardiner.** ClimateEthics, http://climateethics.org/?p=280**.** September, 2009

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- **Manuscripts in Progress**

  - **Peer Review Journal Articles.**

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Brown at all**, White Paper on The Ethical Dimensions of Climate Change,** This was a paper published by The Rock Ethics Institute in 2006 which was never submitted to a peer review journal. Brown and Lemons are updating it for publication and it will be submitted by January 2011.

Brown and Kurdys **Ethical Limits To The Use of Cost-Benefit Analysis in Climate Change.** This is a combination of three articles published in ClimateEthics on climate change ethics and cost. It will be submitted for publication by December 2010/

Brown, Baatz**. The Ethical Obligations of Sub-National Governments, Organizations, Businesses and Individuals For Climate Change,** Draft Paper is about 80 complete and will be submitted in 2011 for publication,

Brown, Brannon, **Integrating Ethics Into Undergraduate Environmental Science and Economics Education.** Early draft complete**.**

- **Papers, Lectures, Presented At Professional Meetings, Seminars, at Public Lectures**

2011, Public lecture, Introduction to Ethics of Climate Change,

2011, Public Lecture**, The Practical Importance of Integrating Ethics Into Climate Change Policy Formation,** Goucher College

2011, Presenter**,** Workshop Convener**, The Need to Integrate Ethics Training Into Environmental Studies Programs,** Northeast Environmental Studies Conference**,** Bard College

2011, Presenter**, The Ethical Obligations of Sub-National Governments, Organizations, Businesses, and Individuals,** Conference on Global Ecological Integrity, St Charles College, Prague, Czech Republic

2011, Convener and Presenter, **What Happened at the Cancun UNFCCC Climate Change Conference,** American Bar Association, Webinar

2011, Presenter, **What Happened at Cancun?,** Penn State Program on Climate Change**,**

2010, Presenter, The **Links Between Ethics and Corruption in the Climate Regime,** Anti-Corruption Conference, Organized By the Environmental Defense Fund. Bangkok, Thailand.

2011. Presenter, **The Ethical Dimensions of Climate Change**, Program On A Global Biosphere Ethic, Jordan Reloto, Amman, Jordan,

2010, Presenter, **The Importance on Integrating Ethics Into Climate Change Negotiations,** UNESCO Conference on Climate Change Ethics, Monaco,

2010, Presenter, **Ethical Issues Entailed By The Negotiation Agenda of The Conference of the Parties to The United Nations Framework Convention on Climate Change, Cancun Mexico.**

2010, Presenter, **Why Integrating Ethics Into International Climate Change Negotiations is Practically Important.** United Nations, New York, New York,

2010, Presenter. **The Ethical Dimensions of Climate Change,** Conference on Protecting the Indian Dunes organized by the Center for Humans and Nature, the International Union for the Conservation of Nature, the Chicago Field Museum, and the The Chicago Zoo.

2010. Conference Convener, Lead Organizer, International Conference on Integrating Environment and Development, held at Penn State in April 2010, also presenter on **Need for an Applied Environmental Ethics.** This conference included presentations by 40 presenters from around the world.

2010, Public Lecture, Fordham University, **Climate Change Ethics**

2010, Presentation on Ethics of Deforestation and Climate Change, Conference of the American Bar Association**,. Columbia University,** New York City

2010, Co-organizer, presenter on Penn State conference, Stewardship and Sacrifice, Looking at the Ethical and Moral Dimensions of Climate Change and Pennsylvania the faiths community in Pennsylvania. Presentation was on **The Ethical and Moral Dimensions of Climate Change**

2010, Presenter at conference on **Ethical Dimensions of What Happened in Copenhagen Climate Change Negotiations,** Organized by the Global Ecological Integrity Project, Vancouver,. Canada

2010, Presenter and .Steering Committee Member, Conference on **Ethical Dimensions of Climate Change** Organized by the UNESCO (United Nations Educational, Scientific, and

Cultural Organization, Paris, France.

2010, Presenter at Conference on Developing am **Ethical Code for Biodiversity**, organized by IUCN and the Center of Humans, and Nature, Paris, France.

2009, Presenter and organizer**, Program on Ethical Dimensions of Climate Change** during international climate change negotiations, 15th Conference of Parties, United Nations Framework Convention on Climate Change, Copenhagen. Denmark

2009, Lecture on **Ethics of Sustainable Development**, University of Missouri

2009, Presenter, **Major Ethical Issues Raised by Climate Change,** Conference on Ethics of Climate Change, **University of Delaware.**

2009, Presenter. **Ethics, Science, and Think Tanks**, Conference on Ecological Diversity, Organized by the Ecological Integrity Group, Florence, Italy,

2009, Invited Speaker, Scottish Parliament, **Ethical Dimensions of Climate Change,** Endinboro, Scotland,

2009, Presentation, **Climate Change Ethical Issues,** United Nations Commission on Sustainable Development, United Nations, New York City.

2009, Lecture**, Ethical Dimensions of Climate Change,** Training Program to Management, Saudi Aramco, Washington, DC.

2009, Keynote Speaker, On **the Ethical Dimensions of Climate Change**, Organized by the Korean Association for UNESCO, Seoul, Korea,

2008, Convener and Lecture, Seminar and Side Event, **Ethical Dimensions of Climate Change,** Conference of the Parties, United Nations Framework Convention of Climate Change, Poznan, Poland.

2008. Lecture, **Science and Ethics,** University of Montana, Missoula.

2008, Guest Speaker, **The Ethical Dimensions of Climate Change,** Aspen Institute, Queensland, Maryland.

2008, Public Lecture**, The Ethical Dimensions of Climate Change,** Lebanon Valley College, Annville, Pennsylvania.

2008, Public Lecture**, The Role of Local Governments in Solving Climate Change,** Conference of Municipal Supervisors, Hershey Pennsylvania.

2008, Presentation, **Ethical Issues Raised by the Work of the Intergovernmental Panel on Climate Change,** Conference on Ecological Integrity, Humboldt, University, Berlin, Germany.

2008, Presentation, **Ethical Questions Raised by Carbon, Capture, and Storage,** at Conference on Carbon Capture and Storage, Sponsored by Petrobras, and the Federal University of Rio De Janeiro. Salvador, Brazil.

2008, Presentation, **Major Climate Change Ethical Issues,** United Nations Commission on Sustainable Development, United Nations, New York City.

2008, Lecture**, Ethical Dimensions of Climate Change,** Training Program to Management, Saudi Aramco, Washington, DC.

2008, Keynote Speeker, **Ethical Dimensions of Climate Change**, Program, Focus the Nation, Responding to Climate Change, Syracuse University.

2007, Public Lecture, **Ethical Dimensions of Climate Change,** Bucknell University.

2007, Lecture, **Ethical Dimensions of Climate Change,** Lafayette University**.**

2007, Lecture, **Ethical Dimensions of Climate Change,** Allegheny College.

2007, Public Lecture, **Ethical Dimensions of Climate Change**, University of Montana, Missoula, Montana.

2007, Lecture, **Ethical Dimensions of Climate Change,** Temple University.

2007, Presentation and Convener of Program on the Ethical Dimensions of Climate Change, Side-event, 13th Conference of the Parties, United Nations Framework Convention on Climate Change, Bali Indonesia, Presentation Topic, **Ethical Issues Raised By The Work of the Intergovernmental Panel on Climate Change.**

2007, Presentation and Cnvenor of Workshop on the Ethical Issues Raised by Geologic Carbon Sequestration, Rio de Janeiro, Brazil, Topic, **Ethical Issues Raised by Geologic Carbon Sequestration.**

2007, Keynote Address, **Ethical Dimensions of Climate Change**, Program on Bioethics, Irish Association of Bioethics, Dublin Ireland.

2007, Presentation, **Ethical Dimensions of Climate Change**, Special Session of the United Nations on Climate Change, Side Event on the Ethical Dimensions of Climate Change, New York, New York.

2007, Presentation, **Human Rights and Climate Change**, Ecological Integrity Group,

Halifax, Nova Scotia, Canada.

2007, Speaker, **Climate Change Ethics and Development Ethics.** Program on the Ethical Dimensions of Environment and Development, Oslo, Norway.

2007, Presentation, **Why Climate Change Is A Moral Issue**, United Nations, Commission on Sustainable Development, United Nations. New York, New York.

2006, Presentation and Convener of Program on the Ethical Dimensions of Climate Change, Side-event, 12th Conference of the Parties, United Nations Framework Convention on Climate Change, Nairobi, Kenya., Presentation Topic, **Major Ethical Issues that International Community Must Face on Climate Change.**

2006, Keynote speech, **Links Between Climate Change Ethics and Development Ethics,** Development Ethics Conference, Oslo University**,** Oslo, Norway.

2006, Keynote speech, Program on Development Ethics and Human Rights, Nordic Development Association, Oslo, Norway. Topic: **What Development Ethics Has to Learn from Climate Change Ethics.**

2006, Presentation as Lead Author, **Global Ecological Outlook**, United Nations Environment Program, Montevideo,Uruguay.

2006, Convener and Presenter of meeting of the Collaborative Program on the Ethical Dimensions on Climate Change, Rio de Janeiro, Brazil, Presentation Topic, **White Paper On the Ethical Dimensions of Climate Change.**

2006, Lecture**, Ethics and Climate Change,** Global Ecological Integrity Project, Samos, Greece.

2006, Presenter as Lead Author**, Global Ecological Outlook**, United Nations Environment Program, Nairobi, Kenya.

2006, Presenter and Lead Author, **Global Ecological Outlook,** United Nations Environment Program, Utrecht, Netherlands.

2005, Convener and presenter, meeting of the Collaborative Program on the Ethical Dimensions on Climate Change, 11th Conference of the Parties, United Nations Framework Convention on Climate Change, Montreal Canada, Presentation Topic, **Climate Ethics and the Buenos Aires Declaration.**

2005, Presentation, **The Need for an Applied Environmental Ethics,** Global Ecological Integrity Project, Venice, Italy.

2005, Presenter, **Ethical Dimensions of Climate Change,** Open Meeting on Global Environmental Change, Bonn Germany.

2005, Public Lecture, Ethics and Climate Change. **University of Minnesota.**

2005, Public Debate**, Is Climate Change An Ethical Question? St Olaff's College, Minnesota.**

2005, Public Lecture**, Ethics and Climate Change**, Drexel University.

2005, Guest Lecture, **Ethics and Climate Change**. Dickinson College.

2005, Convener and Presenter, meeting of the Collaborative Program on the Ethical Dimensions on Climate Change, Subsidiary Body on Science and Technology, United Nations Framework Convention on Climate Change, Bonn Germany, topic, **Ethics and Climate Change.**

2004, Convener and Presenter, meeting of the Collaborative Program on the Ethical Dimensions on Climate Change, 10th Conference of the Parties, United Nations Framework Convention on Climate Change, Buenos Aires, Argentina, Topic, **Buenos Aires Declaration on Climate Change.**

2004, Lecture, **Ethical Dimensions of Climate Change,** Center for Applied Ethics, University of Cardiff, on the Ethics of Global Warming, Cardiff, Wales, United Kingdom.

2004, Presentation, **Ethics and Environmental Policy**, Global Integrity Ecological Project, Montreal, Canada.

2004, Lecture**, American Heat, Ethical Dimensions of Climate Change, Penn State University.** Penn State University.

2004, Public Lecture, **Ethics and Climate Change**., University of Pennsylvania

2004, Public Debate**. Is Climate Change Science Real?** Duquesne University School of Law.

2004, Lecture, **Ethics and Climate Change**, Bucknell University.

2004, Lecture, **Ethics and Climate Change**, Mercyhurst College.

2004, Lecture, **Sustainable Development and Ethics**, Slippery Rock University.

2004, Lecture, **Ethics and Climate Change**, University of Aberdeen, Scotland

2004, Lecture, **Ethics and Climate Change**, University of Cardiff, Wales

2004, Presenter**,** Protection of Biodiversity of Global Significance in Arid in Semi-Arid Lands, Third World Academy of Sciences on, Trieste, Italy. Topic, **What Is the Connection Between Ethics and Environmental Science?**

2004, Presenter, **Ethics and Climate Change,** Program on Ethical Dimensions of Climate Change, University of Aberdeen, Aberdeen, Scotland ,United Kingdom.

2004, Presenter, **Ethics and Biodiversity**, Earth Charter Project and the Global Ecological Integrity Project, Urbino, Italy.

2003, Presenter and Advisor, Third World Academy of Sciences on Protection of Biodiversity of Global Significance in Arid in Semi-Arid Lands, Ribat, Morocco, Topic, **Institutional Issues In Protection of Biodiversity**.

2003, Guest Lecture **, Climate Change Ethics,** Gettysburg College.

2003, Public Lecture, **Ethics and Climate Change**. Duquesne University School of Law.

2003, Public Lecture, **Ethics and Climate Change,** Franklin and Marshall College.

2003, Guest Lecture, **Ethics and Climate Change**, Wilson College.

2002, Presenter and Advisor to the Third World Academy of Sciences on Protection of Biodiversity of Global Significance in Arid in Semi-Arid Lands, Cairo, Egypt, Topic, **Biodiversity and Law.**

2002, Public Lecture, **Sustainable Development and Ethics**, Michigan State University.

2002, Lecture, **Ethics and Climate Change,** Program on Ethics and Environmental Policy, Harvard University.

2002, Guest lecture**, Ethics and Climate Change**, Dickinson College.

2002, Lecture, **Ethics and Sustainable Development**, Slippery Rock University.

2002, Guest Lecture, **Meaning of Sustainable Development,** Wilson College.

2002, Presenter, **Making Sustainability Work**. United Nations World Summit on Sustainable Development, Johannesburg, South Africa., NGO Forum
2002, Presenter, **Using the Earth Charter to Create International Norms on Sustainable**

Development, Conference , Earth Charter Project, Urbino, Italy.

2002, Presenter and Advisor**.** Third World Academy of Sciences on Protection Biodiversity of Global Significance in Arid in Semi-Arid Lands, Santiago, Chile, Topic, **Integrated Scientific and Ethical Issues About Protecting Biodiversity in Dry Lands**

2001, Presenter, **Ethical Dimensions of Global Warming,** Potsdam Institute, Berlin, Germany.

2001, Guest Lecture, **Science, Ethics, and Climate Change**, Wilson College

2001, Presenter, **The Role of US States in Climate Change,** Program Sponsored by the European Union and the Rockefeller Foundation, the Hague, Netherlands.

2001, Presenter, Advisor the Third World Academy of Sciences, Protection Biodiversity of Global Significance in Arid in Semi-Arid Lands, Ulaanbatar, Mongolia. Topic, **Regulatory Needs to Protect Biodiversity.**

2001, Convener and Presenter, Workshop on sustainable development at the state and provincial level, United Nations Commission on Sustainable Development, United Nations, New York. Topic, **The Importance of State and Local Governments in Making Sustainable Government Work.**

2001, Presenter and Advisor, Third World Academy of Sciences on Protection of Biodiversity of Global Significance in Arid in Semi-Arid Lands, Trieste, Italy, Topic, **Ethical Dimensions of Scientific Uncertainty.**

2000, Respondent and Presenter**,** Harvard University Program of the American Academy of Arts and Sciences on Global Environmental Issues. Values, and Religion, Presentation Topic, **Emerging Global Environmental Issues and Ethics,** also responded to E.O. Wilson's "Concillience,"

2000, Advisor and Presenter**.** International Workshop on Protecting China's Forests organized by the Chinese Academy of Sciences, Chendu, Sichuan Province, China, Topic **Ethics and Forest Protection**.

2000, Presenter, **Ethical Issues that Arise In Sustainable Development,** Global Ecological Integrity Project, San Jose, Costa Rica.

2000, Convener and Presenter**,** Workshop on sustainable development at the state and provincial level, United Nations Commission on Sustainable Development, United Nations, New York., Topic, **Role of US States on Sustainable Development**.

1999, Presenter**,** NATO advanced scientific workshop on "Environmental Problems In Eastern Europe," organized by the Global Ecological Integrity Project, Budapest, Hungary, Topic, **The Need to Integrate Environmental Science, Ethics, and Law.**

1999, Convener and Presenter**,** Workshop on sustainable development at the state and provincial level, United Nations Commission on Sustainable Development, United Nations, New York, Topic, **What Can States and Local Government Do That Nations Can't.**

1996, Presenter, **Lecture on Ethics and Environmental Science,** Program on Religion and the Environment Harvard University

1994, Presenter, **The Need Of Governments to Understand Environmental Ethics,** Conference on Ethics In Government organized by the Swedish Government, Stockholm, Sweden.

1994, Convener and Presenter. Conference sponsored by the World Bank and the United States Environmental Protection Agency on the Ethical Dimensions of the United Nations Program on Environment and Development, United Nations, New York, Topic, **Sustainable Development Ethics.**

1994, Presenter and Advisor the Global Ecological Integrity Project, Cortona, Italy. Topic, **Science, Economic, Law, and Ethics**.

1993, Presenter and Advisor , Global Ecological Integrity Project Cortona, Italy, Topic, **Ethics Hidden in Environmental Science.**

1992, Presenter and Represented Pennsylvania at the United Nations Summit on Environment and Development, Rio de Janeiro, Brazil.Topic, **Ethical Issues Raised by Sustainable Development**

1992, Presenter**, Ethics, Science, and Regulation**, Program on Global Environmental Ethics organized by the Society on Bioethics, Budapest, Hungary.

1988, Guest Lecture, **Science and Law,** University of Pennsylvania**.**

1987, Guest Lecture**, Science, Law, and Risk Assessment,** University of Pittsburgh School of Law.

- **Outreach Activities Using Expertise**.

2000 to 2010: Director, Pennsylvania Consortium for Interdisciplinary Environmental Policy, an organization comprised of 56 colleges and universities and the Pennsylvania Departments of Environmental Protection and Conservation and Natural Resources. As of August, 2010 I have moved to become the Liaison to Government Institutions and am no longer the Director.

This change was made to give me more time to focus on other Penn State responsibilities.

2000, Represented and Presented for Pennsylvania at the United Nations Framework Convention on Climate, Change, 6th Conference of the Parties, the Hague, Netherlands, Topic, **Role of United States in Climate Change**

1995 to 1998, Program Manager, United Nations Organizations, United States Environmental Protection Agency, Office of International Environmental Policy. In this position, acted as liaison between the United States Environmental Protection Agency and the United Nations on issues before the United Nations Environment Program, the United Nations Development Program and the United Nations Commission on Sustainable Development. In this capacity, also represented the United States on six United States delegations to the United Nations negotiating sustainable development, biodiversity, and climate change issues.

1994, Drafter of New International Law, The Earth Charter, Invited along with 40 others by Mikhail Gorbachev and United Nations Under Secretary General, Maurice Strong to draft the Earth Charter, The Hague, Netherlands.

- **Funded Projects**

2009, $20,000 **Grant to Run Conference at Penn State, Integrating Development and Climate Change Ethics,** World Wide University Network**,**

2008, $50,000 **Grant to Integrate Ethics Into Undergraduate Teaching Of Environmental Science and Economics at Penn State,** Spencer and Teagle Foundation.

2006, $25, 000 **Grant to Run Program Ethical Dimensions of Climate Change in Rio De Janeiro,** Conference of the Collaborative Program on the Ethical Dimensions of Climate Change, Rock Ethics Institute, Penn State University, Funding Source-Ford Foundation

2005, Program to Promote Greenhouse Gas Inventories and Strategies in Higher Education in Pennsylvania. A $5, 000 grant secured by Mr. Brown as the director of the Pennsylvania Environmental Resource Consortium to investigators from Wilson College and Penn State University. Funding source- the Sustainable Energy Fund of Central and Eastern Pennsylvania.

2004. Grant on Integrating Ethics Into Environmental Sciences. A #100,000 grant to integrate ethics into environmental science courses at the graduate level to Penn State University, Funding source, National Science Foundation. Principle Investigator, Dr. Nancy Tuana, Penn State University,. Mr. Brown is an investigator under the grant

2004, Program on the Ethical Dimensions of Climate Change. Project Convener, Side Event and two day collaborative conference, under the umbrella of the Collaborative Program

on the Ethical Dimensions of Climate Change, Rock Ethics Institute, Penn State University, December 2004, Conference of the Parties, United Nations Convention on Climate Change, Buenos Aires, Argentina, Funding Source-Rockefeller Brothers Fund. Mr. Brown was project director

2003, Grant for Seed Money to Develop Energy Programs in the Pennsylvania Consortium for Interdisciplinary Environmental Policy. A $30, 000 grant secured by Mr. Brown as Director of the Pennsylvania Environmental Resource Consortium to hire investigators from Wilson College and Penn State University to put together plans and proposals on energy issues. Funding source-the Pennsylvania Department of Environmental Protection. Lead Investigator. Ed Wells, Wilson College

2002, Grant for A Regional Assessment of the Environmental Impacts of Growth on the Pennypack Watershed in Eastern Pennsylvania. A $300,000 grant secured by Mr Brown as director of Pennsylvania Consortium for Interdisciplinary Policy by the PCIEP director to investigators from Temple University and four other PCIEP schools. Funding source, the Pennsylvania Department of Environmental Protection in 2002.

2001, Grant to Prepare a Report on Moving Pennsylvania Toward A Sustainable Future. An $83,000 grant secured by Mr. Brown from the Pennsylvania Consortium for Interdisciplinary Policy by the PCIEP director to investigators from Temple University and four other PCIEP schools. Funding source- the Pennsylvania Department of Environmental Protection in 2001.

2000, A Grant for a Greenhouse Gas Inventory for Pennsylvania. An $85,000 grant secured by Mr Brown as Director of the the Pennsylvania Consortium for Interdisciplinary Policy by the PCIEP director to investigators from Penn State University. Funding Source- the Pennsylvania Department of Environmental Protection.

1996, A Grant for A Conference on Building A Sustainable Future in Pennsylvania, A Conference on Sustainable Development. A $25,000 grant secured by Mr. Brown as *Project Director,* Penn State University, Harrisburg, Funding Sources- Commonwealth of Pennsylvania, Departments of Environmental Protection, United States Environmental Protection Agency.

1994, Two Grants to Run A Conference on the Ethical *Dimensions of Sustainable Development.* $40,000 in grants secured by Mr Brown as Project Director, Conference at the United Nations, New York City, Funding Sources-World Bank, United States Environmental Protection Agency.

- **Record of Membership in Professional Organizations**

Co-chair of American Bar Association Committee on Climate Change, Sustainability, and Ecosystems, June 2008 to present.

Admitted to New Jersey Bar, January 1973 to present.(inactive status)

Admitted to Pennsylvania Bar, September 1979 to present.

Member of the Bar of the Eastern, Middle, and Western Pennsylvania District Courts of the United States, September 1980 to present.

Member the Bar of the United States Third Circuit Court of Appeals, September 1980 to present.

Member the Bar of the United States, Court of Appeals for the District of Columbia, January, 1988 to present.

Member, International Council on Environmental Law, October 1980 to December 1992.

- **Other Impacts on Society**

Editor of ClimateEthics.org. ClimateEthics.org is a commentary site on climate change science and policymaking. The site is intended for policymakers, interested public, and journalists. The site aims to provide a quick response in the form of ethical comments on issues in contention in climate change policy formation around the world and provide insights on aspects of climate change science that raise ethical issues and thus are in need of attention by policymakers. Working with scientists and economists when appropriate, the site intends to follow developing climate change policy issues and stories and provide ethical comments about these issues, as well as commenting on the ethical dimensions of emerging scientific understanding of climate change. The site's goal is to provide robust identification of ethical issues, ethical analyses of selected issues, as well as identify issues about which deeper ethical analyses needs to be done. The site has been identified by Time Magazine and CNN as one of the best 15 environmental websites in the United States on any environmental issues. The site has also recently been quoted several times by the New York Times in regard to the Ethical Dimensions of Climate Change. Twice in the last year, Andrew Revkin for the New York Times has written articles in his New York Times Blog, DOT.EARTH proclaiming the virtues of ClimateEthics.org.

The New York Times has recently published three articles praising the work of ClimateEthics. Org.