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Seeds of Change: Responding to Global Change
in a Bottom-Up World (Martz Winter
Symposium, February 12-13)

2015

2-12-2015

AGENDA: Seeds of Change: Responding to Global Change in a Bottom-up World

University of Colorado Boulder. Getches-Wilkinson Center for Natural Resources, Energy, and the Environment

University of Colorado Boulder. School of Law

Posner Center for International Development

RESOLVE (Firm)

Newmont Mining Corporation

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2015 Martz Winter Symposium

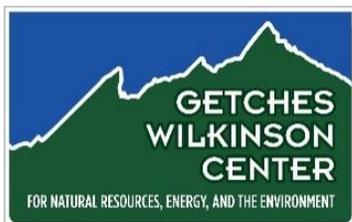
Seeds of Change

Responding to Global Change in a Bottom-up World



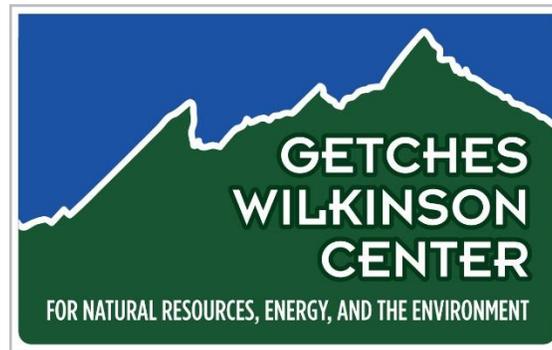
University of Colorado, Wolf Law Building, Wittemyer Courtroom
Thursday, February 12th and Friday, February 13th, 2015

Presented by the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment.



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This conference is made possible through the generous support of donors who sponsored this year's Martz Sustainability Symposium (including Newmont Mining Corporation) and those who have invested in our Clyde O. Martz Endowed Fund for Natural Resources Management (including Brian Dolan and Davis Graham and Stubbs LLP). The Martz Natural Resources Management Fund was established in the memory of natural resources law pioneer Clyde Martz and supports innovative programming at Colorado Law in best practices in natural resources management.

2nd Annual Martz Winter Symposium



Clyde O. Martz was a father of natural resource law in the United States. He was an exemplary teacher, mentor, counselor, advocate, and a professor of natural resources law for 15 years at Colorado Law. Professor Martz was one of the founders of the Rocky Mountain Mineral Law Foundation and of the Law School's Natural Resources Law Center, which later became the Getches-Wilkinson Center for Natural Resources, Energy, and the Environment. In 1951, he assembled and published the first natural resources law casebook, combining the previously discrete subjects of water law, mining law, and oil and gas law.

In 1962, Professor Martz joined the law firm of Davis Graham & Stubbs. During his tenure at Davis, Graham & Stubbs, he took periodic leaves of absence to serve as the Assistant Attorney General of the Lands and Natural Resources Division of the U.S. Department of Justice (1967-69), a Colorado Special Assistant Attorney General (1971-75), and as the Solicitor of the Department of the Interior (1980-81). He retired from the firm in the late 1990s and passed away in 2010 at the age of 89.

The Martz Natural Resources Management Fund was established in memory of natural resources law pioneer Clyde Martz and supports innovative programming at Colorado Law on best practices in natural resources management.

Introduction

Many believe that global institutions and frameworks are failing to generate necessary progress on issues such as climate change, water scarcity, biodiversity, food security, and poverty eradication; and that state, tribal and local governments and communities, innovative companies, social and technology entrepreneurs, NGOs, impact investors, consumers and philanthropists increasingly are taking the lead in creating bottom-up solutions to these challenges.

The conference will explore this dynamic in detail, with an emphasis on the drivers behind these ground level innovations, and on how they can better “filter up” to inform the global conversations occurring on how best to address the various dimensions of “global change”.

Schedule of Events

Symposium Keynote: Thursday, February 12th 5:30-7:00, Wittemyer Courtroom
Event Reception: Thursday, February 12th to follow Keynote, Boettcher Hall
Symposium Panels: Friday, February 13th 8:30-5:00, Wittemyer Courtroom
Lunch: Friday, February 13th 12:20-1:20 Schaden Commons (Second Floor)

Event Agenda

Martz Winter Symposium <i>Seeds of Change: Responding to Global Change in a Bottom-up World</i>	
University of Colorado Law School, Wolf Law Building, Wittemyer Courtroom February 12th and 13th, 2015	
Thursday, February 12th	
5:30-5:45	Welcome and Introduction Phil Weiser, Dean, University of Colorado Law School Sarah Krakoff, Professor, Colorado Law; Board Chair, Getches-Wilkinson Center Britt Banks, Executive Director, Getches-Wilkinson Center
5:45-6:45	Keynote Address Linda Escalante, Natural Resources Defense Council
6:45	Event Reception Wolf Law, Boettcher Hall (Must be registered to attend)
Friday, February 13th	
8:30-9:40	Opening Roundtable: Responding to Global Change in a Bottom-Up World Moderator: Sarah Krakoff, Professor, University of Colorado Law School Speakers: Huguette Labelle, Transparency International (Retired) Jeff Lyng, Colorado State University, Center for the New Energy Economy Dr. Daniel Wildcat, Haskell Indian Nations University
9:40-10:50	Session 1: Voluntary Initiatives and Open Source Law Moderator: Britt Banks, Executive Director, Getches-Wilkinson Center Speakers: Elaine Dorward-King, Newmont Mining Corporation John Drexhage, International Institute for Sustainable Development Andrew Spielman, Hogan Lovells
10:50-11:10	Break
11:10-12:20	Session 2: Social Entrepreneurship and Impact Investing Moderator: Doug Vilsack, Posner Center for International Development Speakers: Greg Berry, Impact Hub Professor Lakshman Guruswamy, University of Colorado Law School Nathan Huttner, Redstone Strategy Group Blake Sanders, Nokero Solar
12:20-1:20	Lunch
1:20-2:30	Session 3: Ethical Supply Chains and Responsible Product Certification Moderator: Stephen D'Esposito, RESOLVE Inc. Speakers: Sasha Lezhnev, The Enough Project Ambassador Tim Martin, Canadian Dept. of Foreign Affairs, Trade, and Development (Retired) Alan Young, The Canadian Boreal Initiative
2:30-2:50	Break
2:50-4:00	Session 4: Sustainability Innovations from State, Tribal, and Local Governments Moderator: Sarah Krakoff, Professor, University of Colorado Law School Speakers: Will Barnes, One Health Program, New Mexico State Lands Office Tim Beal, Boulder Housing Partners Robert Kentta, Director of Cultural Development, Siletz Tribe
4:00-5:00	Session 5: Building Robust State and Provincial Programs for Low Emissions Development: Lessons from the Governors Climate and Forests Task Force Moderator: Britt Banks, Executive Director, Getches-Wilkinson Center Speakers: Amelia Peterson, Governors' Climate and Forests Task Force Colleen Scanlan Lyons, Governors' Climate and Forests Task Force Julie Teel Simmonds, Governors' Climate and Forests Task Force
5:00	Adjourn

Event Program

Thursday, February 12th

Welcome and Introduction

Phil Weiser, Dean, University of Colorado Law School
Sarah Krakoff, Professor, University of Colorado Law School
Britt Banks, Executive Director, Getches-Wilkinson Center

Keynote Address

Linda Escalante, Natural Resources Defense Council

Ms. Escalante joined the Natural Resources Defense Council in 2005, where she is Policy Advocate for NRDC's California and Latino Advocacy programs. She works to support campaigns that protect and promote the welfare of communities of color and the environment they depend on. She works with state leaders, local elected officials, coalition partners, and grassroots groups to promote sustainable solutions in water resources management, air and global warming pollution, urban development, and clean energy.

Friday, February 13th

Opening Roundtable: Responding to Global Change in a Bottom-Up World

This opening panel will discuss, at a high level, the ways in which state, tribal and local governments and institutions, private sector innovators and entrepreneurs, social movements, students, socially-aware investors and consumers have the potential to drive real solutions to the pressing environmental challenges of our time, and the dire need for these types of movements in today's world given the failures of global initiatives, institutions and leaders.

Key questions addressed:

- How can “global change” translate into a meaningful concept for the general population, in a way that can change behaviors?
- How is global change driving the behavior of local governments (e.g. state, tribal, provincial, municipal), communities, industry and civil society?
- How are sub-national government and market-driven innovations driving the development of legal and regulatory frameworks and policy evolution at the global and national levels?

Moderator: Professor Sarah Krakoff

**Panelists: Huguette Labelle, Transparency International (Retired)
Jeff Lyng, Center for the New Energy Economy, CSU
Professor Daniel Wildcat, Haskell Indian Nations University**

Session One: Voluntary Initiatives and Open Source Law

There are numerous examples where voluntary initiatives and “open source” codes relating to sustainability have morphed over time into globally recognized legal and regulatory frameworks or meaningful, legally binding covenants and restrictions on access to capital or markets. Typically, these initiatives evolve after many years of effort, based on negotiations among a multi-stakeholder group committed to driving change on a particular issue or within a particular industry. They usually involve the development of a voluntary code of conduct or set of standards, as well as a protocol for certifying or assuring compliance with that code or set of standards by third party auditors or reviewers.

This panel will explore how these types of initiatives have evolved over the last few decades, and more importantly, what role do they currently play in driving innovative solutions to various pressing issues related to global change, and to what extent are they influencing the thinking of regulators and policy makers at the global and national level?

Moderator: Britt Banks, Executive Director, Getches-Wilkinson Center

**Panelists: Elaine Dorward-King, Newmont Mining Corporation
John Drexhage, International Institute for Sustainable Development
Andrew Spielman, Hogan Lovells**

Session Two: Social Entrepreneurship and Impact Investing

A great deal of technical innovation and best practice development is being spurred by entrepreneurs and investors looking to make a difference in addition to making a buck, on issues such as poverty reduction, access to energy and climate change. This panel will explore the potential for small scale market-based solutions and public/private partnerships to address seemingly intractable problems, such as squaring the competing goals of poverty reduction and curbing GHG emissions.

Moderator: Doug Vilsack, Posner Center for International Development

Panelists: Greg Berry, Impact Hub

Professor Lakshman Guruswamy, University of Colorado Law School

Nathan Huttner, Redstone Strategy Group

Blake Sanders, Nokero Solar

Session Three: Ethical Supply Chains and Responsible Product Certification

Consumers and investors will continue to drive change within industry on climate footprint, energy efficiency, social and environmental impacts, community acceptance, FPIC, biodiversity and other issues related to sustainability. This has already occurred in areas such as child labor, workplace safety, blood diamonds, jewelry, forest products, and seafood, but the potential for much greater impact is real and expanding rapidly. This panel, expanding on the more general discussion in Session 1, will focus on these various efforts to drive change and innovation with certain sectors by influencing the willingness of consumers, downstream manufacturers and investors to differentiate between products and companies on the basis of sustainability performance.

Moderator: Stephen D'Esposito, Resolve Inc

Panelists: Sasha Lezhnev, The Enough Project

Ambassador Tim Martin (Ret.), Canadian Dept. of Foreign Affairs,
Trade, and Development

Alan Young, The Canadian Boreal Initiative

Session Four: Sustainability Innovations from State, Tribal and Local Governments

After three panels focusing on efforts to drive change within the private sector, this panel will focus specifically on efforts being made by state, tribal and local governments to drive innovation on issues relating to sustainability, including efforts relating to development of local laws and regulations promoting sustainability, as well as efforts to manage government assets and programs in a more sustainable manner. Finally, the panel will explore how this ground-level efforts can be better shared among other state, tribal and local governments, and how such efforts can be used to influence the development of laws, regulations and programs at national level and beyond.

Moderator: Professor Sarah Krakoff

**Panelists: Will Barnes, One Health Program, New Mexico State Lands Office
Tim Beal, Boulder Housing Partners
Robert Kentta, Confederated Tribes of Siletz Indians**

Session Five: Building Robust State and Provincial Programs for Low Emissions Development: Lessons from the Governors' Climate and Forests Task Force

This panel will focus on the Governors' Climate and Forests Task Force, using it as a case study for how state and provincial governments around the world can cooperate on issues of global concern such as climate change, without the filtering influence of global institutions and national governments. The GCF Task Force is a platform for collaboration among 26 state and provincial governments in 7 countries that are working to protect tropical forests through reducing emissions from deforestation and forest degradation, and through other low emissions development strategies.

Moderator: Britt Banks, Executive Director, Getches-Wilkinson Center

**Panelists: Amelia Peterson, Governors' Climate and Forests Task Force
Colleen Scanlan Lyons, Governors' Climate and Forests Task Force
Julie Teel Simmonds, Governors' Climate and Forests Task Force**

Speaker Biographies (alphabetical by last name)

Britt Banks

Britt Banks is the Executive Director of the Getches—Wilkinson Center for Natural Resources, Energy and the Environment at the University of Colorado Law School. He has been involved in the natural resources sector for over 20 years, as a corporate executive, attorney, consultant, teacher and researcher. He had recently taught at Waseda University in Tokyo, Japan and at Colorado Law. Mr. Banks currently chairs the Independent Expert Review Panel at the International Council on Mining and Metals, serves on the Global Council on the Future of Mining and Metals at the World Economic Forum in Geneva, and was a founding member of the Forum's Partnering Against Corruption Initiative (PACI) Task Force. He is a graduate of the University of Denver (B.S. cum laude 1983) and the University of Colorado Law School (J.D. 1988), where he was Articles Editor of the University of Colorado Law Review. He attended the Advanced Management Program at the Harvard Business School in 2000.

Will Barnes

Will Barnes is the One Health Coordinator for the New Mexico State Land Office. He was raised in Colorado, attended law school at CU (1989), received his MS in Biology from UNM (1998), and has lived in New Mexico for 25 years. He is also a teacher, poet and parent. He currently supervises the wildlife biologists, archaeologist, range conservationist and forester in the Field Operations Division. The New Mexico State Land Office manages 13 million acres of subsurface estate, with 9 million surface acres, for the benefit of certain public institutions, mostly schools. The land is completely intermixed with federal, tribal, other state and private land holdings and so cannot be managed on a landscape scale without a high degree of collaboration and delegation. The One Health Program is based on the idea that plants, animals, human communities and the environment are profoundly interconnected and that to manage land sustainably, our decision-making needs to consider the well-being of each and needs to be collaborative. Will is engaged daily with the review of lease applications, the development of restoration and reclamation projects, and policy-making from the ground up.

Tim Beal

Tim is the Director of Sustainability for Boulder Housing Partners, where he works to implement the organizations sustainability agenda, specifically in relation to climate action and energy. He also oversees the Risk Management and Resiliency planning for the organization. He began his tenure in 1999 as Director of Property Management. He has a broad background in affordable housing finance and regulatory compliance. In his new position as Director of Sustainability he has been tasked with leading the organization to become one of the first Net Zero housing authorities in the country.

Founded in 1966, Boulder Housing Partners (BHP) is the housing authority for the City of Boulder. Their goal is to make living in Boulder possible and affordable, regardless of income. They are committed to fostering a healthy sense of community in every property they develop. BHP is a nationally recognized affordable housing provider serving nearly 2,000 households on 30 different sites across the City.

Greg Berry

Greg Berry is the Entrepreneur In Residence, Co-Founder, and Board Director for the Impact Hub, Boulder where he focuses on supporting members' endeavors, continuing to evolve Hub's events and programming, and represents Hub in strategic partnerships in Colorado and throughout the global Impact Hub network. Greg is a serial entrepreneur. In his 25-year career, Greg has been part of eight entrepreneurial teams, including Impact Hub Boulder. For the past ten years, he has focused his career on sustainability and positive social impact. He has created award-winning media properties, and produced elite conferences on three continents. In addition to Impact Hub Boulder, Greg is the co-founder and Board Chair of W1SDØM (www.w1sd0m.net), a network and matching platform that increases the flow of intellectual, social, human and financial to social entrepreneurs around the world. Greg currently hosts, speaks at, and moderates social enterprise and impact investing events on a regular basis in Boulder and Denver

Stephen D'Esposito

Stephen D'Esposito is President of RESOLVE. RESOLVE builds strong, enduring solutions to environmental, social, and health challenges, helping community, business, government, and NGO leaders get results and create lasting relationships through collaboration. During Steve's tenure RESOLVE has expanded its international program; launched a series of solutions programs on energy, food, sustainable development, natural resource conflicts and species and habitat protection; and strengthened program partnerships with leading companies and civil society organizations.

Prior to RESOLVE Steve was President and CEO of EARTHWORKS, founded by former U.S. Secretary of the Interior, Stuart L. Udall. Steve built EARTHWORKS into the leading independent NGO on mining, oil and gas issues, enhancing its reputation at the policy level and with leading companies, and bolstering its capacity as a technical resource to community groups. Steve helped engineer a rare policy breakthrough on US mining policy, enacting modern environmental and community safeguards to address shortcomings in the Mining Law of 1872, and led responsible sourcing initiatives with Tiffany & Co., Newmont, Wal-Mart and others. At Greenpeace USA, in roles ranging from Field Director to Deputy Executive Director, Steve built a nationally respected field program and led a integration of previously independent Greenpeace corporations spread across the U.S., into one, unified Greenpeace organization. At Greenpeace International in Amsterdam, the Netherlands, Steve served as Deputy Director and then head of the Executive Committee of Greenpeace International, where he helped strengthen a number of national offices and programs. He worked to integrate corporate engagement strategies into advocacy campaigns. During his tenure as head of the Executive Committee, Steve was a key decision-maker on the Brent Spar campaign, which many think led to a shift in corporate strategy with regard to stakeholder engagement. Steve received a bachelor's degree in political science from Tulane University in New Orleans in 1983. He currently chairs the World Economic Forum Council on the Future of Mining and Metals; serves on the boards of Center for Science in Public Participation; is chair of the board of Resource Media. As a community volunteer, Steve designed and led a volunteer recycling program that spread across Washington, D.C. and eventually sparked passage of the city's first recycling legislation.

Elaine Dorward-King

Elaine Dorward-King was elected Executive Vice President of Sustainability and External Relations in March 2013. Prior to joining Newmont, Dr. Dorward-King served as Managing Director of Richards Bay Minerals in South Africa from December 2010 through February 2013. Dr. Dorward-King previously served as the Global Head of Health, Safety and Environment at Rio Tinto from 2002 through 2010 and also held leadership positions with Rio Tinto's copper and borates businesses. Prior to that, she worked for Ebasco Environmental and for Monsanto Company as a chemist, research specialist and product manager. Dr. Dorward-King brings twenty-five years of leadership experience in developing and implementing sustainable development, safety, health and environmental strategy and programs in the mining, chemical and engineering consulting sectors. She holds a Bachelor of Science magna cum laude from Maryville College and a Ph.D. in Analytical Chemistry from the Colorado State University. Dr. Dorward-King serves on the Boards of two non-profit organizations, Resources for the Future and Project WET.

John Drexhage

John has worked on the issue of climate change and sustainable development for twenty years. Initially, John worked for the government of Canada and was responsible for developing Canada's First National Action Program on Climate Change in 1994. He shifted to the multilateral side a year later and served as Associate Director on Climate Change's International Division in Environment Canada from 1995 – 2001. In addition to his chief responsibility as overall mandate coordinator for the Canadian government in the international negotiations, his major substantive responsibilities revolved around the carbon market, including the Clean Development Mechanism, Joint Implementation and International Emissions Trading.

Currently, John is a Senior Fellow with IISD and Ecoresources, a Quebec based company responsible for managing a carbon co-op. He currently is a Board member of the Verified Carbon Standard and an advisor for Climate Strategies, a EU based research network. John has developed a strong reputation for championing a pragmatic, solutions based approach to climate change and sustainable development issues. His focus is to develop a more positive understanding of the way in which business can augment its contributions to a sustainable future.

Linda Escalante

Ms. Escalante joined the Natural Resources Defense Council in 2005, where she is Policy Advocate for NRDC's California and Latino Advocacy programs. She works to support campaigns that protect and promote the welfare of communities of color and the environment they depend on. She works with state leaders, local elected officials, coalition partners, and grassroots groups to promote sustainable solutions in water resources management, air and global warming pollution, urban development, clean energy, and exposure to toxic chemicals. Prior to NRDC, she worked for the UCLA/RAND Program on Latino Children with asthma and graduated from UCLA with a degree in Biology.

Lakshman Guruswamy

Lakshman Guruswamy, the Nicholas Doman Professor of International Environmental Law at the University of Colorado at Boulder, was born in Sri Lanka, and is a recognized expert in International Environmental and Energy Law. Lakshman teaches International Environmental Law, Energy Justice and Oil and International Relations at CU Law. He is also the Director of international energy programs at the Getches Wilkinson Center of the University of Colorado. This is an interdisciplinary Center that seeks to find renewable energy solutions for the energy deficits confronting the globe, and pursues environmental justice for peoples of the developing world. Prior to joining the University of Colorado, Lakshman taught in Sri Lanka, the UK, and the Universities of Iowa and Arizona. He established the Global Energy Justice Conference, and is a frequent speaker at professional and scholarly meetings in the US and around the world. He is the author of books traversing crucial aspects of international environmental and energy law, and is widely published in international energy and environmental law in legal and scientific journals. He is presently engaged in writing two books: *Global Energy Justice* (forthcoming Foundation/West, 2015) and *International Energy & Poverty: The Emerging Contours* (Forthcoming Routledge, 2015)

Nathan Huttner

Nathan has helped philanthropic programs working on health, education, and climate and energy to develop strategies that build on clients' strengths to maximize their positive impact. Nathan has significant experience designing and evaluating hard-to-assess advocacy strategies in rapidly changing environments. Particular areas of expertise include climate and energy, education, health, and advocacy campaign design and assessment.

Nathan joined Redstone in 2009 after completing an MBA at the Yale School of Management. Previously, he was an associate at Katzenbach Partners, a strategy consulting firm founded by former partners of McKinsey and Company. There he served clients in the energy and pharmaceuticals industries on issues of strategy and organization, including extensive analysis of energy supply and marketing. During his senior year at Yale, he was executive director of the Elmseed Enterprise Fund, a student-run micro-lender, and he now serves on its board of directors. A native of upstate New York, Nathan enjoys playing soccer and hiking. Nathan lives with his wife Liz in Denver.

Robert Kentta

Robert Kentta is a member of the Confederated Tribes of Siletz Indians of Oregon. He has served his community both in the capacity of being employed as the Cultural Resources Director for his Tribe (20 years - since 1994) and concurrently - (10 years - since 2005) also as an elected member of the Siletz Tribal Council.

The term "Cultural Resources" in Indian Country is very broadly defined – not just archaeology, not just things of the past, but also looking to promote current and future Tribal access and involvement in management and use, maintaining Tribal values of responsibility toward the resources that make continuing cultural practices, belief systems, Siletz identity possible. In his regular work day, he deals with archaeological protection (state arch. permit AP's, ground disturbing projects review, comment, monitoring, inadvertent discoveries, repatriations, site documentation/damage response, etc.), but also assists with state, federal, local agency/entity and even individual land owner relationships which foster Siletz Tribal involvement with cultural resource protection/management/enhancement/use/access.

He will share some thoughts on traditional values, and responsibilities which drive his work, and examples of successes that the Siletz Tribal Community has experienced.

Sarah Krakoff

Sarah Krakoff teaches and writes about American Indian law and natural resources law. Her publications include *American Indian Law: Cases and Commentary* (with Bob Anderson, Bethany Berger and Phil Frickey), *Tribes, Land and Environment* (with Ezra Rosser), and a range of articles on American Indian tribal sovereignty, environmental ethics, public lands, and climate change. When Professor Krakoff first came to the Law School, she was the Director of the American Indian Law Clinic, supervising students in federal Indian and tribal law cases and projects. She succeeded in securing permanent University funding for the Clinic before moving to non-clinical teaching in 1999. Before coming to Colorado, Professor Krakoff was awarded an Equal Justice Works Fellowship to work on the Navajo Nation as Director of the Youth Law Project for DNA-People's Legal Services. Professor Krakoff clerked on the Ninth Circuit Court of Appeals for Judge Warren J. Ferguson from 1992-93. She received her J.D. from Boalt Hall, U.C. Berkeley, in 1991 and her B.A. from Yale University in 1986.

Huguette Labelle

Huguette Labelle is a Companion of the Order of Canada and a recipient of the Order of Ontario. She has been awarded honorary degrees from twelve Canadian Universities and the University of Notre Dame USA and has received several additional honors.

She has served for a period of nineteen years as Deputy Minister of different Canadian Government departments including Secretary of State, Transport Canada, the Public Service Commission and the Canadian International Development Agency. A former Chancellor of the University of Ottawa and former Chair of Transparency International, she has also served on several boards.

She is currently member of the Board of the UN Global Compact, Vice-Chair of the Rideau Hall Foundation Board, Vice-Chair of the International Senior Advisory Board of the International Anti-Corruption Academy, member of the Advisory Group to the Asian Development Bank on Climate Change and Sustainable Development, member of the Executive Board of the Africa Capacity Building Foundation, member of the Board of the Global Centre for Pluralism, member of Global Financial Integrity, member of the Trustlaw Advisory Board, Board member of the Aga Khan Museum and member of the Advisory Committee of the Order of Ontario. She also serves on additional national and international boards. She provides advisory services to national and international organizations.

Sasha Lezhnev

Sasha Lezhnev is a team leader of the D.R. Congo, Great Lakes Region, and Lord's Resistance Army team at the Enough Project, where he focuses on peace process and conflict minerals issues. He is also Executive Director and Co-Founder of the Grassroots Reconciliation Group, an organization that helps former child soldiers in Uganda. Previously, Sasha worked as Policy Advisor at Global Witness on U.S. conflict resources and energy policy. He worked for 2 ½ years in Uganda as Senior Program Officer with the Northern Uganda Peace Initiative and peace process advisor to the northern Uganda mediator. He is author of the Book *Crafting Peace: Strategies to Deal with Warloads in Collapsing States*. Sasha also previously worked with the International Crisis Group's Africa Program and the U.S. Institute of Peace. He holds a Master's in International Relations from Cambridge University and a B.S. in Foreign Service *magna cum laude* from Georgetown University.

Jeff Lyng

Jeff Lyng is a Senior Policy Advisor with the Center for the New Energy Economy. In this role he works with states in developing clean energy policies and programs. In previous roles, Jeff was a Director of Regulatory Affairs at Opower, an international energy efficiency company, and also served as Renewable Policy Manager in former Colorado Governor Bill Ritter's Energy Office. Before joining the Governors Energy Office, Jeff was a technical consultant at Xcel Energy on demand side management and solar programs. He has served on the boards of the Energy Services Coalition, Xcel Energy's Innovative Clean Technologies Program and is a past Board Chair of the American Solar Energy Society.

Colleen Scanlan Lyons

Dr. Scanlan Lyons is a cultural anthropologist who specializes in social impact assessment and strategic planning for social inclusion in development and conservation initiatives. She has recently joined the [Governors' Climate and Forests Task Force](#) as a Project Director, and also serves as a Research Associate with the Environment and Society Group of the [Institute of Behavioral Science](#) at the University of Colorado (CU), the co-Director for CU's Global Seminar in Brazil: Sustainable Development, Environmental Governance, and Social Entrepreneurship, and an adjunct professor for CU's Presidents Leadership Class. Dr. Scanlan Lyons has expertise in project development and management pertaining to the social aspects of climate resilience, forest conservation, network building and community-level participation, mobilization, and empowerment. She collaborates with social-environmental leaders around the world, and often serves as a liaison among the academic, civil society, governmental, and private sectors. She has worked with and consulted for diverse social-environmental institutions and organizations such as the Climate Reality Project, the Inter-American Development Bank, the Global Greengrants Fund, the City of Boulder Open Space Department, the American Forum for Global Education, and the National Institute for Research in the Amazon. While her geographic expertise lies in Brazil, where she has over twenty years of experience working with organizations in the Amazon and Atlantic Forests, she has also developed collaborative projects in Bolivia, Belize, Costa Rica, Indonesia, Uganda, and the United States. She is a co-founder of the [Brazil-US Network for Environment, Society, and Governance](#), which includes research and academic institutions in the U.S. (CU along with the Universities of Wisconsin, Kansas, and Indiana) and Brazil (University of São Paulo, Federal University of Maranhão, State University of Santa Cruz, and the National Institute for Research in the Amazon). Dr. Scanlan Lyons speaks Portuguese, Spanish, and some French and is the mother of Max (15), Ella (12) and Maya (10).

Tim Martin

A policy leader and experienced diplomatic practitioner, Tim Martin has been at the forefront in Canadian diplomacy and peace and security work in Latin America, Afghanistan, the Middle East and Africa. He has served as Ambassador to Colombia and to Argentina and Paraguay. His high level international work includes leading Canada's civilian work in Southern Afghanistan as Representative of Canada in Kandahar and concurrently Director of the Kandahar Provincial Reconstruction Team. In 2004 he was Chairman of the Kimberley Process to ban Conflict Diamonds, overseeing the implementation of the global certification scheme for the international trade in rough diamonds. In 1998, he opened the Canadian Representative Office in Ramallah, West Bank where he served as the first Representative of Canada to the Palestinian Authority. His career includes accreditation for political affairs to Ethiopia, Sudan, Eritrea, Kenya, Rwanda, Burundi and Uganda. Following his retirement from the Foreign Service, Tim is active as President of Diplomatic Counsel International Policy Consulting (www.diplomaticcounsel.com) and as a strategic advisor to the Washington Based mediation NGO Resolve (www.resolve.org)

Amelia Peterson

Amelia Chizwala Peterson is Senior Research Associate at the Governors' Climate & Forests Task Force (GCF) Secretariat, and a member of the University of Colorado Law School's Research Faculty. She leads the GCF Training Program and Support Network funded under a multi-year grant from the Norwegian government's NICFI climate funding mechanism, and also leads the GCF's Africa and Indonesia strategy. Amelia's legal background includes Judicial Fellowships for Honorable Chief Justice Michael L. Bender on the Colorado Supreme Court (2012), and Judge Paul Cherry on the US District Court for the Northern District of Indiana (2010-2011). In international policy, she worked as a Policy Analyst for the Center for Energy and Environmental Security (CEES), creating model draft laws for both developing and developed nations to promote legislation for the proliferation of clean cook-stoves and addressing both Millennium Development Goals and climate change mitigation goals. Amelia worked for the Legal Environmental Aid Foundation of Indiana, Inc., representing low-income plaintiffs in environmental disputes under the Clean Air and Clean Water Acts, CERCLA and other environmental statutes. She holds an LL.M in Natural Resources, Energy & Environment from the University of Colorado Law School, a J.D. (magna cum laude) from Valparaiso University School of Law, and a Graduate Certificate in Engineering (Civil) from a joint University of Zimbabwe-Engineering Council (UK) program. Amelia also graduated summa cum laude with a Bachelor of Science degree in International Business (Operations) from Johnson & Wales University (2006). Her research interests include land reform, climate change, and environmental ethics. She is a native of Zimbabwe and Swaziland, an avid mother, writer and runner, and a member of the Colorado Bar.

Blake Sanders

Blake Sanders has been with Nokero Solar for two years and primarily manages the company's strategic global accounts. Nokero (short for "No Kerosene") designs safe, affordable, and environmentally-friendly solar based technologies. Nokero's patented solar light bulbs have been sold in 120 countries worldwide out of its Denver headquarters. Nokero helps to enrich lives around the world through sustainable and efficient energy solutions. Nominated as a company worth watching, Nokero represents the global solar industry at large as well as its home state of Colorado. Nokero's success has been in part due to Coloradans who value sustainable business practices and 'green' energy solutions. Learn more at www.nokero.com

Julie Teel Simmonds

Julie Teel Simmonds joined the research faculty of Colorado Law in 2008 after working as an environmental attorney for the Environmental Law Institute, Earthjustice, the Center for Biological Diversity, and the City of San Diego. She received a B.S. in Conservation and Resource Studies from U.C. Berkeley and her J.D. from NYU's School of Law. For the last six years, Julie was the Project Manager for the Governors' Climate & Forests Task Force, for which she now serves as a senior advisor.

Andrew Spielman

Andy Spielman is global Co-Head of Hogan Lovells' Energy and Natural Resources Group and a partner in Hogan Lovells' Denver office. Andy's legal practice combines federal, state, and local government experience with natural resources, land use, and Western public lands law to assist energy developers, mining companies, ranchers, ski areas, water suppliers, and others with obtaining regulatory approvals and permits from governments across the United States.

Andy's governmental experience is extensive. He has worked at the White House, the U.S. Environmental Protection Agency, in local government, and on Capitol Hill. He currently serves the Hickenlooper Administration as Chairman of Colorado's Regional Air Quality Council and as Vice Chair of the Colorado Oil and Gas Conservation Commission, which is charged with regulating the state's oil and natural gas production.

Hogan Lovells has more than 40 offices across the globe and our Latin America practice is a leader in the region, with an on-the-ground presence in Mexico City, Monterrey, Caracas, Rio de Janeiro, São Paulo, and Miami.

Doug Vilsack

Doug Vilsack is the Executive Director of the Posner Center for International Development (www.posnercenter.org) in Denver, Colorado, a shared workspace for international development organizations that engages over 100 tenants and members. He is also the founder and Board Chair of Elephant Energy (www.elephantenergy.org), a social venture that distributes small scale renewable energy technologies in Southern Africa and the on Navajo Nation in the USA. Doug first traveled to Namibia to work for the World Wildlife Fund in 2005 and has returned on numerous occasions to continue his work with community-based conservation organizations. He is also a trained lawyer in the practice areas of environmental law, Indian law and renewable and alternative energy law, with his J.D. from University of Colorado Law School. Prior to law school, Doug attended Colorado College and founded the Paddle for the Presidency, a non-profit venture that canoed the entire length of the Mississippi River and registered over 2,000 young voters during the 2004 Presidential election.

Daniel Wildcat

Daniel R. Wildcat is a Yuchi member of the Muscogee Nation of Oklahoma. He is director of the Haskell Environmental Research Studies (HERS) Center and professor of Indigenous and American Indian Studies at Haskell Indian Nations University in Lawrence, Kansas. In 2013 Dr. Wildcat was the Gordon Russell visiting professor at Dartmouth College. Dr. Wildcat received B.A. and M.A. degrees in sociology from the University of Kansas and an interdisciplinary Ph.D. from the University of Missouri at Kansas City. He has taught at Haskell for 29 years. Dr. Wildcat frequently speaks to community groups and organizations on the issue of cultural diversity. In 1992 Dr. Wildcat was honored with the Heart Peace Award by the Kansas City organization The Future Is Now for his efforts to promote world peace and cultural diversity.

Dr. Wildcat's recent activities have revolved around forming the American Indian and Alaska Native Climate Change Working Group: a tribal college-centered network of individuals and organizations working on climate change issues. In 2008 he helped organize the *Planning for Seven Generations* climate change conference sponsored by the National Center for Atmospheric Research. Dr. Wildcat also co-chaired with Winona La Duke the national Native Peoples-Native Homelands Climate Change Workshop at the Mystic Lake Hotel & Casino, November 18-21, 2009. More recently he co-chaired *The Rights of Mother Earth Symposium* with Tom Goldtooth of the Indigenous Environmental Network at Haskell Indian Nations University, April 4-6, 2012.

He is the author and editor of several books: ***Power and Place: Indian Education In America***, with Vine Deloria, Jr.; ***Destroying Dogma: Vine Deloria's Legacy on Intellectual America***, with Steve Pavlik. His recent book, ***Red Alert: Saving the Planet with Indigenous Knowledge***, suggests current global climate change issues will require the exercise of indigenous ingenuity - ***indigenuity*** - and wisdom if humankind is reduce the ecological damage well underway.

Alan Young

Since 1990 Alan has worked as a facilitator, planner, analyst and activist with a wide range of conservation groups, Aboriginal organizations, companies and governments across Canada. His focus has been on sustainability strategies for the extractive sector, which have involved projects throughout North America, Latin America and Europe.

He started his work as coordinator of the joint federal/territorial and Aboriginal Porcupine Caribou Co-Management Board in the Yukon. From 1994 to 2002, he served as Executive Director of the Environmental Mining Council of BC. In 2002, Alan left EMCBC to form the Materials Efficiency Research Group to focus on his interest in bringing different sectors together to build joint solutions to social and environmental issues in the extractive industries. Since 2003 he has worked on diverse projects including socio-economic impact assessments, large scale conservation strategies, certification programs in the forestry and mining sectors, as well as various legislative reform initiatives in the extractive sectors nationally and internationally. Since 2003 he has served as Director of Corporate Programs the Canadian Boreal Initiative (now International Boreal Conservation Campaign), and has been the Director of the Secretariat of the Boreal Leadership Council, a multi-stakeholder alliance including banks, investors, leading extractive companies, Aboriginal organizations and NGOs working towards large-scale conservation and sustainable development across Canada's boreal forest region.

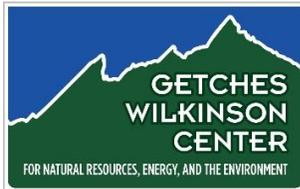
He is Chair of the Centre for Science in Public Participation, Vice Chair of Global ForestWatch Canada and Director of the International Institute for Sustainable Development. He is former chair of the Forest Stewardship Council of Canada and currently sits on the Mining Association of Canada's Community of Interest Panel.

University of Colorado Law School



Established in 1892, the University of Colorado Law School is one of the top public law schools in the United States. Colorado Law School's diverse student body is selected from among the statistically best applicants from every corner of the nation representing over 100 undergraduate institutions, and its highly published faculty is dedicated to interacting with students both inside and outside the classroom. The school's state-of-the-art green building is located at the base of the Rocky Mountains in beautiful Boulder, Colorado. With about 500 students and a low student to faculty ratio, Colorado Law School is a thriving academic community where the study of law is embraced to create leaders who recognize the civic responsibilities essential to the legal profession.

Getches-Wilkinson Center for Natural Resources, Energy, and the Environment



The Getches-Wilkinson Center for Natural Resources, Energy and the Environment continues the long-standing work of Colorado Law's Natural Resources Law Center. The newly renamed Center endeavors to serve the people of the American West, the nation, and the world through creative, interdisciplinary research, bold, inclusive teaching and innovative problem solving in order to further true sustainability for our use of the lands, waters, and environment. Major programs and initiatives focus on natural resources, water and public lands issues in Colorado and the West; energy and environmental security in the developing world; electricity regulation and energy policy; climate change law and policy; and native communities and environmental justice. The name comes from the contributions of two iconic figures in the law school's environmental law history, David Getches and Charles Wilkinson.

Upcoming Events

GWC Distinguished Lecture

Mike Connor, Deputy Secretary of the Interior

Tuesday, March 10th 5:30 p.m.

University of Colorado Law School, Wittemyer Courtroom

More information and registration: <http://www.colorado.edu/law/research/gwc/events>

Managing the Commons/Public Domain in IP, Wireless Spectrum, and Water

Cohosted with the Silicon Flatirons Center

Thursday, March 12th 1:00-6:30 p.m.

University of Colorado Law School, Room 101

More information and registration: <http://www.siliconflatirons.com/events.php?id=1496>

2015 Martz Summer Conference

Innovations in Managing Western Water:

New Approaches for Balancing Environmental, Social and Economic Objectives

June 11-12, 2015, more information coming soon