

COP 28 EXPERTS

Environmental Defense Fund, one of the world's leading international nonprofit organizations, has engaged in U.N. climate talks since the 1992 Rio summit. EDF links science, economics, law and innovative private-sector partnerships to create transformational solutions to the most serious environmental problems.



Alice Alpert, Senior Scientist

Dr. Alpert is a Senior Scientist in the Office of the Chief Scientist. She leads an initiative to characterize and address chokepoints in realizing the potential of climate mitigation technologies. She also works closely with the Methane, Climate and International Cooperation work streams, leveraging international scientific climate assessments and institutions to support climate change mitigation.

EXPERTISE: Climate change science, climate change mitigation, methane measurement and abatement, United Nations framework convention on climate change, intergovernmental panel on climate change



Mark Brownstein, Senior Vice President, Energy Transition

Mark Brownstein is Senior Vice President, Energy Transition at Environmental Defense Fund, and a member of EDF's executive team. He leads EDF's Energy program globally, with a focus on halting the rise of global oil and gas emissions on a path consistent with a 2050 zero-carbon future. Mark is a member of the University of Pennsylvania's Kleinman Center for Energy Policy Advisory Board. He is an adjunct professor of law at New York University Law School and has also taught energy policy at Columbia University's School of International and Public Affairs (SIPA).

EXPERTISE: Global energy policy, energy transition, future of oil and gas, methane

COP 28 Experts (continued)



Jennifer Chow, Senior Director, Climate-Resilient Food Systems

Jennifer works across internal teams and external partners to support a global shift in climate-resilient food systems. She focuses on the critical relationship between food and nutrition security and environmental protection by advancing sustainable food systems and strategic partnerships. She employs a systems-level approach to ensure that environmental and food security goals can be met. This includes supporting people and food systems to thrive in the long-term and helping communities to take action for their own livelihoods.

EXPERTISE: Food security, agriculture, nutrition



Angie Farrag-Thibault, Associate Vice President, Global Transportation

Angie is a member of EDF's energy transition leadership team responsible for developing and implementing multidisciplinary, cross-programmatic, international strategies and teams to advance a multi-faceted global transportation strategy. She leads our shipping, aviation, and overall global goods and people movement effort. Angie joins EDF from the World Economic Forum where she was a key member of the Transport and Supply-Chain Industry team and Climate and Nature teams. Angie was also seconded into the COP27 High-level Champions team as the Global Road Transport Sector Lead in 2022.

EXPERTISE: Sustainable freight solutions; multi-stakeholder collaboration; scope 3 emissions accounting; corporate social responsibility



Angela Churie Kallhaug, Executive Vice President for Impact

Angela's work is focused on using inclusive processes and economic approaches to achieve ambitious climate solutions that deliver equitable benefits to people around the world. Angela joined EDF from the World Bank where she served as the head of the Secretariat of the Carbon Pricing Leadership Coalition. Before that she was at the Swedish Energy Agency where she worked on climate change, energy and development issues.

EXPERTISE: Climate change, energy, carbon markets and development



Pete Harrison, Executive Vice President, Regions

Pete supports the deployment of EDF's mission across the four anchor geographies – China, India, Europe and the United States. He joined from the European Climate Foundation (ECF) where he led the team working to secure the EU Green Deal, with the goal of making Europe the world's first climate neutral economy. During his decade at the ECF, he also led work to achieve an equitable transition of the mobility system. Pete's approach to climate action is based on drawing on more than a decade of analysing markets, businesses, politics and security at the news agency Reuters.

EXPERTISE: European climate policy



Juan Pablo Hoffmaister, Associate Vice President, Global Climate Cooperation

Juan Pablo supports the strategy and leadership for the Global Climate Cooperation team, with a focus on multilateral fora, multilateral climate finance and adaptation issues. He identifies strategic opportunities for EDF, including developing and leading initiatives to ensure cohesive international advocacy at UN climate talks and other international fora.

EXPERTISE: Global climate policy, UN climate negotiations, multilateral climate finance, Global stocktake



Pam Kiely, Associate Vice President, U.S. Region

Pam Kiely is the Associate Vice President, U.S. Region at Environmental Defense Fund and works at the intersection of state and federal regulatory policy. Pam currently spearheads EDF's subnational carbon markets work across the United States. Previously, Pam led EDF's work with states and power companies to implement the Clean Power Plan as well as efforts to secure major state-level transitions of power generation infrastructure from high-emitting to clean sources.

EXPERTISE: U.S. climate and energy policy, carbon markets, legislative and regulatory strategy, subnational policy

COP 28 Experts (continued)



Fred Krupp, President

Fred Krupp has guided EDF for three decades. He is a leading voice on climate change, energy, sustainability and leveraging market-based solutions to protect our environment. He has focused international attention on the problem of methane emissions from the oil and gas system, and led EDF's innovative corporate partnerships with FedEx, KKR, McDonald's, Walmart and others.

EXPERTISE: Climate change, energy and sustainability



Hongming Liu, Senior Manager, Global Climate Change

Hongming Liu is an expert on addressing climate change with carbon pricing globally. Based out of EDF's Beijing office, he manages work related to reducing emissions from international aviation and shipping. Hongming is also responsible for project and research development, management, and implementation related to carbon pricing and international cooperation to address climate change. He focuses on China's carbon markets, offsetting mechanisms, carbon market linkage, industry and cooperation emission reductions, as well as maintaining relationships with key partners and communication between domestic and international stakeholders.

EXPERTISE: Carbon pricing, international aviation and shipping, Chinese carbon markets, international climate policy, offsetting mechanism



Pedro Martins Barata, Associate Vice President, Carbon Markets & Private Sector Decarbonization

Pedro Martins Barata supports EDF's work on optimizing the voluntary carbon market, including through the Carbon Credit Quality Initiative and the Voluntary Carbon Market Integrity Initiative. He is an international expert with 22 years of experience in international climate policy and carbon markets, having assisted in the negotiations on the development of the Kyoto carbon market mechanisms since 1999, and consulted for various international organizations, including OECD, European Commission, World Bank and the United Nations.

EXPERTISE: Carbon markets, high-quality carbon credits, private sector decarbonization, net zero strategies, Article 6



Mark Morage, Vice President, Natural Climate Solutions

As Vice President of Natural Climate Solutions at Environmental Defense Fund, Mark drives overall vision, strategy and leadership of EDF's work to advance natural climate solutions globally. Working hand in hand with colleagues across EDF and a broad network of external partners, EDF's Natural Climate Solutions work takes a systems change approach, harnessing science, economics, policy and corporate partnerships to accelerate financing for, and implementation of, natural climate solutions that hold the highest value for the climate, nature and people.

EXPERTISE: Climate change mitigation and adaptation, forest conservation, environmental policy, environmental markets, sustainable development, sustainability standards, corporate partnerships, coalition building



Mandy Rambharos, Vice President, Global Climate Cooperation

Mandy Rambharos has worked at Africa's largest electric utility, Eskom, for over 20 years, most recently as the General Manager for Just Energy Transition. Mandy chaired negotiations in the international UNFCCC process on behalf of South Africa, and was instrumental in driving the JETP deal agreed between South Africa and the five governments at COP26. She has facilitated workshops on carbon markets and climate financing both regionally and internationally.

EXPERTISE: Energy industry, just transition, Article 6 and carbon markets, global climate negotiations



Eric Schwaab, Senior Vice President, People and Nature

At EDF, Eric leads a global team of scientists, lawyers and advocates working to create thriving, resilient oceans. He brings more than two decades of experience driving complex conservation initiatives to scale. He served as head of NOAA's National Marine Fisheries Service (NMFS) and has represented the United States in negotiations of international fishing treaties. He has led government agencies at state and federal levels, managing coastal and ocean resources, ran a conservation grant-making program at the National Fish and Wildlife Foundation and was chief of conservation programs at the National Aquarium and the National Park Foundation.

EXPERTISE: Conservation, biodiversity, oceans



Elizabeth Sturcken, Managing Director

Elizabeth directs climate impact and net zero acceleration at EDF+Business, the private sector engagement division of Environmental Defense Fund. She has led EDF partnerships with Walmart, UPS, United Airlines, Airbnb, Lyft and FedEx. Elizabeth also leads coalition collaborations with the Business Alliance to Scale Climate Solutions (BASCS) and Transform to Net Zero (TONZ), and works with the Sustainable Aviation Buyers Alliance (SABA). Under her leadership, EDF+Business created the first-of-kind Supply Chain Solutions Center and the Pathways to Net Zero report series with pragmatic, actionable tools to cut emissions now, set interim targets and invest in climate technologies for hard-to-abate sectors.

EXPERTISE: Corporate partnerships, business and the environment, green supply chain



John Tausel, Senior Director, Global Agriculture Methane

John Tausel facilitates EDF's work to focus attention on the critical climate issue of agriculture methane, to spur development of innovative solutions to cut on-farm methane emissions, and to find pathways to support farmers in adopting new technologies and practices. Bringing experience in environmental policy, agribusiness, entrepreneurship and the commercialization of livestock health solutions to the role, John is passionate about helping farmers improve the economic and environmental sustainability of their farms to deliver global food security. He believes strongly in the power of co-created solutions to fight climate change.

EXPERTISE: Animal agriculture and the environment, methane, sustainability and business, innovation and entrepreneurship



Zhao Xiaolu, Senior Director, Climate

As Senior Director, Climate, Xiaolu Zhao is responsible for the strategic design of programs related to climate change initiatives in China, with a specific focus on carbon pricing policies. She's also responsible for project development and implementation, maintaining relationships with key partners, and communication between domestic and international key stakeholders.

EXPERTISE: Carbon markets, economics, climate change, China climate and environment policy



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