Allen Hershkowitz, PhD allenjhershkowitz@gmail.com

Dr. Allen Hershkowitz is an environmental scientist, visionary, activist, writer, lecturer and strategic sustainability advisor. For 26 years (1988 – 2016) he served as a Senior Scientist at the Natural Resources Defense Council (NRDC) and was the force behind some of the organization's most effective and visible initiatives. Blending technical expertise with the influence of iconic cultural sectors, Dr. Hershkowitz leverages the cultural and market influence of sports and entertainment organizations to promote environmental literacy to mass audiences and corporate leaders alike.

Dr. Hershkowitz is a leader in the movement to make environmental responsibility understandable and achievable for every individual and institution –an accomplishment that earned him the name "The Godfather of Greening" by *Yoga* + *Joyful Living* magazine in 2009. According to *Greenwire*, he "has long been among the most visible activists in the nation."

In December 2015 Sports Business Journal listed him as one of the "50 Most Influential People in Sports Business," and *Worth* magazine listed him as one of "The 60 Most Powerful People In Sports" in March 2016. He is widely acknowledged to have created the movement to leverage sports to promote sustainability. According to Green Sports Blog: "It is no exaggeration to say that Dr. Hershkowitz is the most consequential environmentalist in the history of North American sports." (March 2017)

Dr. Hershkowitz serves as the official Sustainability Advisor to the National Basketball Association and Major League Soccer, and as the Environmental Science and Sustainability Advisor to the New York Yankees, one of the most valuable and influential organizations in the sports industry. He is the first person to hold those positions. Dr. Hershkowitz also serves as a sustainability adviser to the USTA and is Co-Chair of the International WELL Building Institute's WELL Health and Safety Advisory for Sports and Entertainment Facilities. He is Chairman of the Board and Founding Director of Sport and Sustainability International, a global non-profit organization with membership comprised of many of the world's leading sports federations, leagues, teams and venues focused on creating sustainable, healthy and just communities. Prior, he co-founded and served as President of the USA-based Green Sports Alliance, a nonprofit organization bringing together sports teams, leagues and venues to promote responsible environmental stewardship. Dr. Hershkowitz also co-founded the Broadway Green Alliance, an organization comprised of Broadway theaters and touring productions committed to using the visibility of theater to promote environmental literacy. He also co-founded the Environmental Paper Network, a coalition of international environmental organizations focused on promoting sustainable paper production and use.

Dr. Hershkowitz serves on the Steering Committee of UNFCCC Sport for Climate Action Framework and was Co-Chairman of the UNFCCC's Workgroup on Responsible Consumption. In 2020 he was appointed to the New York State Climate Action Council's (CAC) Waste Advisory Panel. He created the environmental program for the Academy of Motion Picture Arts and Sciences' Oscars telecasts, which he led from 2007 to 2015. He also created the environmental program for the Recording Academy's GRAMMY Awards, which he oversaw from 2008 to 2014 and which led to the creation of AEG's 1Earth sustainability program. He served on the Advisory Board of the Wharton Business School's International Global

Environmental Leadership Program and is a Strategic Advisor to the International WELL Building Institute, the South Pole Group, the Sonoma County Center for Ag Sustainability Advisory Board, and the Warner Music Group, where he focuses on CSR and greenhouse gas management strategies. He served as an original member of the Aramark Corporation's Sustainable Sourcing Advisory Panel.

Dr. Hershkowitz is among the nation's progressive pioneers in market-based environmental responsibility. Melding ecological expertise with a positive approach, Dr. Hershkowitz helped create and guide the sustainability programs of numerous American icons in professional sports, the entertainment sector and major corporations including the NBA, the USTA, the NHL, NASCAR, MLB, MLS, The Ivy League, Roland Garros, ESPN, HBO, Disney, AEG, the IOC, the Warner Music Group, FILA, DuPont, Disney, Pepsi, Coca-Cola, Hugo Neu, Sims Metal Management, Citizen Group, Atmos Air Solutions and numerous other firms.

Dr. Hershkowitz served as Senior Scientist at NRDC from 1988 until 2016, where he was the force behind some of the organization's most effective and visible initiatives. Through the years, he has championed systemic change on critical issues ranging from sustainable development and recycling to forestry, paper industry impacts, mountaintop coal mining, waste incineration, and medical wastes. He was the Director of three of NRDC's influential projects: the Sports and Entertainment Greening Project, the Solid Waste Project and the Paper Industry Project.

His leadership in helping diverse sports organizations establish environmental programs earned his work the U.S. EPA's Environmental Merit Award in 2008 and 2015. Dr. Hershkowitz also served on the 2011 NCAA Final Four Sustainability Committee. In 2012 NRDC's Sports Greening Project, which Dr. Hershkowitz founded and directed, won the Beyond Sport "Sport and the Environment Award" at a pre-Olympics event in London.

Dr. Hershkowitz lectures regularly throughout the world including at the Wharton School of Business, Columbia University, and many other universities and conferences. During the 2014-2015 academic year, Dr. Hershkowitz served as Distinguished Visiting Faculty in Sustainability Management in the MBA Program of the Presidio Graduate School, where he taught an MBA-level course on Sustainability and Sports. He has twice been asked to deliver Keynote speeches at the White House and in 2015 he was invited to an Audience with Pope Francis at the Vatican to discuss "Sport At The Service of Humanity" with leaders from throughout the world of sport. Dr. Hershkowitz was a lead negotiator in NRDC's historic 2006 forestry protection settlement with Bowater Paper Company, which led to breakthrough protections of the Cumberland Plateau region. He has worked to protect ecologically compromised areas in Belize, fragile Appalachian ecosystems threatened by mountaintop removal coal mining, the boreal forest and other ecologically irreplaceable areas, and is among the world's experts in solid waste management. His was an originator of "Testing the Waters," NRDC's influential annual documentation of beach closures.

His affiliations with the nation's most prominent leaders and agencies run deep. Dr. Hershkowitz helped author President Clinton's "Greening the Government" Presidential Executive Order in 1993, and he served for nine years on the DuPont Corporation's Bio-Based Fuels Life Cycle Assessment Advisory Board. He has served on the National Academy of Sciences' National Research Council Committee on the Health Effects of Waste Incineration. Previously he has served as the Chairman of the New York State Department of Environmental Conservation Commissioner's Advisory Board on Operating Requirements for Municipal Solid Waste Incinerators. He has also served on the EPA's Science Advisory Board Subcommittee on Sludge Incineration, as well as the Agency for Toxic Substances and Disease Registry's Peer Review

Panel for its Report to Congress on the Health Implications of Medical Waste. Dr. Hershkowitz was the Principal Contractor for the United States Congressional Office of Technology Assessment's Report to Congress on Municipal Solid Waste Management. He was a member of the U.S. EPA's Regulatory Negotiations on Fugitive Emissions from Equipment Leaks at Synthetic and Organic Chemical Manufacturing Industries. Dr. Hershkowitz served on the American Society of Mechanical Engineers Committee on Worker Training and Waste-to-Energy plants, he has been invited to serve as a discussant at international gatherings of environmental officials by the Organization of Economic Cooperation and Development (OECD) and has been invited to present his research findings on sustainable industrial development before the United Nations Environment Program in Paris. Dr. Hershkowitz has received top honors from Scenic Hudson for working to protect the Hudson River and was honored with a Special Citation Award from by the American Institute of Architects for spearheading a massive Bronx recycling and sustainability initiative. Outside the U.S., Dr. Hershkowitz has a long history of consistent involvement in some of the world's foremost environmental initiatives, from Japan and Europe to Central America.

Dr. Hershkowitz is author and co-author of influential books, reports and articles, including "Bronx Ecology: A Blueprint for a New Environmentalism" (Island Press, 2002); NRDC's first "Testing The Waters" beach closure report (New York: NRDC, 1991); "Too Good To Throw Away: Recycling's Proven Record" (New York: NRDC, 1997); "Trash Landings" (New York: NRDC, 2006); "Game Changer: How the Sports Industry is Saving the Environment" (New York: NRDC, 2012); "Collegiate Game Changers: How Campus Sports is Going Green" (New York: NRDC, 2013); and "Mascots At-Risk: How the Sports Industry Can Save Species" (New York: NRDC, 2014). He served on the National Research Council committee that wrote "Waste Incineration & Public Health" (National Academy Press: Washington, Dec. 2000), and his other publications include "Garbage Management in Japan" (New York: INFORM, 1987), "Garbage Burning: Lessons from Europe" (New York: INFORM, 1986), and "Garbage: Practices, Problems and Remedies" (New York: INFORM, 1988). He has also published articles in The Wall Street Journal; The New York Times; The New York Review of Books; Technology Review; Environmental Impact Assessment Review (MIT); Environmental Forum; The Atlantic Monthly; Sports Business Journal; Social Research; Newsday; The Nation; the American Book Review; The Sustainability Report, and other outlets. He has also contributed essays to numerous books.

Dr. Hershkowitz has appeared often on CNN, ABC, NBC, CBS and NPR news, and has appeared in television and radio shows in more than fifty countries including "60 Minutes," "20/20," "Larry King Live," Crossfire," "CBS Evening News with Dan Rather," "Good Morning America," "CBS This Morning," "ABC Evening News," "CNN Business News," "CNN Evening News," CNBC and National Public Radio. He is regularly quoted in newspapers and journals, including The New York Times, The Wall Street Journal, USA Today, Time, Newsweek, Rolling Stone, BusinessWeek, Forbes and Fortune, as well as the trade press.

Dr. Hershkowitz is the principal subject of the book "Tilting at Mills: Green Dreams, Dirty Dealings and the Corporate Squeeze" by Lis Harris, a book on sustainable industrial development, published by Houghton Mifflin in March 2003. His work has been the subject of numerous profiles and feature articles including lengthy features about his work in *The New Yorker* (July 1995), *Mother Jones* (July 2015), "Sustainability" Magazine (featured him on its cover in December 2008), Audubon Magazine, *Yoga + Joyful Living* other magazine.

In 2019 Dr. Hershkowitz was awarded CCNY's Distinguished Alumni Award, The Townsend Harris Medal, and he has also received awards and recognition from the U.S. EPA, the American

Institute of Architects, Scenic Hudson, The Center for Discovery, the California Resource Recovery Association (lifetime achievement award), the Natural Resources Defense Council and numerous other organizations. He served on the board of the Westchester Land Trust and on the editorial board of *OnEarth* magazine from 2006-2008.

A native of New York, Dr. Hershkowitz received his Ph.D. in political economics, specializing in energy resources economics, from the City University of New York Graduate School in 1986. He earned a M. Phil. in political economics in 1982, a B.A. (cum laude) from the City College of New York in 1978 and a Certificat D'assiduite from the University of Grenoble in 1975. He lives in the United States in the state of Connecticut and is the father of three children.