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TOP SCIENTISTS

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ROB MOIR, PHD

Science Advocate, Executive Director
Ocean River Institute
CAMBRIDGE, MA



Dr. Rob Moir is an educator, scientist and activist with a proven history in institutional management and marine policy success. He holds a PhD in environmental studies from Antioch University and previously held the positions of assistant scientist at the Sea Education Association in Woods Hole, Massachusetts, and natural history curator at the Peabody Essex Museum. He is currently the executive director of the Ocean River Institute.

Through diligence and dedication, Dr.

Moir initiated collaborative ecosystem-based management that featured citizen science by bringing together the six municipalities around Salem Sound with a vision for clean waters. In 2003, he co-founded Ocean Champions and in 2007, the Ocean River Institute. He was active in the passage of the Massachusetts Ocean Planning Act and the Massachusetts 2050 Decarbonization Roadmap.

In 2021, Dr. Moir and two colleagues met with scientists and engineers from around the world in Glasgow, inviting them to back the Scientists Warning to Humanity paper in order to draw action on six key stressors: food, pollution, the empowerment of women, sustainable economies and energy. This resulted in signatories from more than 100 nations. Dr. Moir also spoke with financial managers to consider following the lead of the UN Pension Fund investment in Entelligent Smart Climate® methodology of integrated patented climate scenario analysis and machine learning into ESG investment solutions.

While in Glasgow, Dr. Moir urged the United Kingdom and Norway to commit to net-zero carbon emissions by 2030 — a very ambitious goal that would position a nation ahead of the pack. If successful, the nation would own the cutting-edge technologies and could potentially move the goal posts for nations that wished to be at the end of the pack.

Back in his home state of Massachusetts, Dr. Moir is hard at work on global warming solutions by advancing the Downing Climate Plan to achieve 100% clean electricity generation by 2030 and 100% clean energy (heating, transportation) by 2040. These solutions would also require 50% of climate spending be allocated directly to benefit environmental justice communities and would reform utilities and modernize the grid. Further, the initiative aims to create a climate mandate across every department of state government and maximize the economic benefit of a clean energy economy in Massachusetts.

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