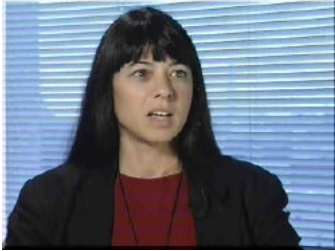




Profiles of Physicists



Deborah Moore

**Senior Scientist and Deputy Program Manager
Environmental Defense Fund**

Education:

B.S. -- Physics; Reed College

M.S. -- Energy and Resources; University of California, Berkeley

Job Description:

Senior Scientist and Deputy Program Manager, translating complex scientific issues into understandable format to influence decision makers to find solutions to water scarcity and pollution worldwide.

Comments:

"I think part of what I do is translate complex scientific issues into an understandable format for lay people, people in decision making positions within governmental agencies who need those facts, need to understand the information but aren't necessarily scientists themselves. And so often what I'm doing is kind of summarizing and compelling, influencing."

Video Transcript 1:

"EDF's mission is to protect the world's environment from a variety of different threats. I think part of what I do is translate complex scientific issues into an understandable format for lay people, people in decision making positions within governmental agencies who need those facts, need to understand the information but aren't necessarily scientists themselves. And so often what I'm doing is kind of summarizing and compelling, influencing. Part of EDF's role in this process in research and advocacy is to influence decision makers and from my point of view, try to get them to make the right decision for the environment. And many of these decisions involve a lot of technical information about complex problems and natural systems, particularly river systems are very complicated, there are a lot hydrologic issues, ecological issues, economic issues that all come together."

Video Transcript 2:

"I was exploring graduate schools and went to visit a particular program and happened to look at their bulletin board that had announcements about internships and job announcements and there was a flyer about a job announcement about the Environmental Defense Fund and I wanted to put off going back to graduate school for another year anyway, so I called. And here I am. Ten years later."

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Prepared as part of the Sloan Career Cornerstone Center (www.careercornerstone.org)

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Video Transcript 3:

"Well the projects that I've had in the research that I've done, has taken me to India, Indonesia, Brazil, Paraguay, and then for some of the big international meetings where we've gone to hammer out agreements and influence some of the big institutions like the World Bank and some United Nations agencies."

Video Transcript 4:

"What makes me motivated for this work? Well it's all around us. Every day you wake and -- and you see water around you, whether it's coming out of the tap, whether it's out your window in rivers or lakes or wetlands. It's part of your body. You need it to drink. Basically water is life. And around the world it's just a critical resource. It's scarce, it's polluted. Many people around the world don't have access to just basic water supplies. Children die. About five million children every year die from diarrhea, which is a preventable and curable disease, simply because they don't have access to clean water. So protecting water is protecting life."

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