Meet the Presenter...

Dr. Kenya Moore Dias da Cunha

Dr. Kenya Moore is an Adjunct Professor at the University of New Mexico Center for Environmental Technology, Department of Civil Engineering. She is a recognized expert in the application of nuclear and atomic techniques to environmental contamination. Dr. Moore graduated with a degree in Physics from the Catholic University of Rio de Janeiro (PUC-Rio) in 1976, and received an MS in Biophysics from the same university in 1988. She received a Ph.D. in Biophysics from the Federal University of Rio de Janeiro in 1997, and has done post-doctoral work at Texas A&M University. She has authored or co-authored approximately 85 refereed and invited articles, including proceedings, over 40 refereed and invited talks, and four book chapters. Her current research is focused on the application of nuclear and atomic techniques to characterize uranium isotopes in the environment and in the human body.

Dr. Moore's career includes 35 years with the Brazilian National Nuclear Energy Commission's Institute of Radiological Protection and Dosimetry (CNEN/IRD). She was the Director of the Characterization Aerosol Laboratory for 19 years, developing studies on environmental and human internal contamination with metals and radionuclides. She was a member of the nuclear emergency response team and developed studies on radionuclide exposure risk assessment. For 24 years Dr. Moore was responsible for the surveillance, control and assessment of occupational radiological protection programs at nuclear fuel cycle plants, working in the areas of uranium mining and milling and the mining of minerals associated with thorium and uranium. For two years she worked at the CNEN/IRD radiological monitoring department (radioactive waste control).

For 12 years she was a professor and member of the board of the Radiological Protection graduate program at CNEN/IRD. She was also a professor at the Pontific Catholic University of Rio de Janeiro, where she taught and conducted studies in the area of environmental and human contamination with metals and radionuclides, applying nuclear and atomic techniques at the Van de Graaff Accelerator Laboratory. She was also a professor of the Professional Development Courses program at the International Atomic Energy Agency (IAEA) and was a reviewer of the IAEA International Basic Safety Standard on radiological protection.

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