

Dr. Herbert H. Nelson

Executive Director Strategic Environmental Research and Development Program and Director Environmental Security Technology Certification Program

Dr. Herbert H. Nelson is currently the Executive Director of the Strategic Environmental Research and Development Program (SERDP), which is planned and executed jointly with the Department of Energy and the Environmental Protection Agency, and the Director of the Environmental Security Technology Certification Program (ESTCP) in the Office of the Deputy Assistant Secretary of Defense for Environment. Acting on behalf of the SERDP Council and the Assistant Secretary of Defense for Sustainment, Dr. Nelson is responsible for the overall direction and prioritization of topics in the two programs which support over \$120M annually in research, development, and demonstration projects addressing DoD's environmental and energy resilience requirements.



Dr. Nelson also is the primary interface between the Office of the Secretary of Defense and the environmental research programs of the Military Departments and other federal agencies working on environmental problems that impact DoD's mission.

Dr. Nelson has nearly 40 years' experience in the DoD Science and Technology arena. He began his career as a National Research Council Postdoctoral fellow in the Chemistry Division of the Naval Research Laboratory in Washington D.C., moving on to staff scientist and then group leader positions. During this time, he authored over 60 papers in the archival literature and over 300 presentations to professional society meetings, Universities, and DoD audiences. In 2005, while still at the Naval Research Laboratory, Dr. Nelson began working with SERDP and ESTCP managing a program demonstrating technologies for wide-area assessment of former bombing and training ranges. He moved full time to SERDP in 2008 as the Program Manager for Munitions Response. In 2016, he assumed the positions of Executive Director of SERDP and Director of ESTCP.

Dr. Nelson received a Bachelor of Sciences degree in Chemistry from Tulane University in 1975 and a Ph. D. in Physical Chemistry from the University of California, Berkeley in 1980.