



Biography


Marianne Walck, Ph.D.

*Deputy Laboratory Director for Science and Technology
and Chief Research Officer, Idaho National Laboratory*

Dr. Marianne Walck provides strategic leadership, direction and integration for research, science and technology at Idaho National Laboratory in her roles as deputy lab director for Science and Technology and chief research officer. She leads INL's Laboratory Directed Research and Development program, directs INL's interactions with DOE's Office of Science, and oversees INL's strategic interactions with universities. Prior to joining INL in 2019, she was vice president of Sandia National Laboratories' California laboratory. She has more than 30 years of DOE national laboratory technical leadership experience, including technical program leadership, research leadership, and line, personnel, and site management. As vice president of Sandia's California laboratory, Walck was responsible for principal programs including nuclear weapons stewardship; homeland security with a focus on defending against weapons of mass destruction; combustion, transportation and hydrogen energy research; biology; and advanced computational and information systems. Walck also served as vice president in charge of Sandia's Energy and Climate Program, which encompasses a wide variety of energy technology programs including renewable energy systems and energy infrastructure, climate and engineered systems, fossil energy, nuclear and fuel cycle, and transportation energy systems. Earlier, she held a variety of research and management positions at Sandia. She served on the Sandia Research Leadership Team; created and led the Geoscience Research Foundation; was director of the Geoscience, Climate and Consequence Effects Center; and was director of the Nuclear Energy and Global Security Technologies Center.

Walck serves on several advisory boards for universities and technical institutes, including the Texas A&M Energy Institute and the U.S. Women

continued on back...

A decorative graphic consisting of a grid of white-outlined hexagons. The grid is partially visible on the left side of the page, with some hexagons extending beyond the left edge. The hexagons are arranged in a staggered pattern, typical of a honeycomb structure.

in Nuclear Executive Advisory Council. She is also vice-chair of the State of Idaho Higher Education Research Council and is a past chair of the National Laboratory Chief Research Officers. Walck was named one of the Top 100 Women in Energy by the National Diversity Council in 2021, and is a distinguished expert of the California Council on Science and Technology. She holds memberships in the American Geophysical Union, the Seismological Society of America, the Association for Women Geoscientists, the American Nuclear Society, Women in Nuclear, and the American Association for the Advancement of Science. She earned doctorate and master's degrees in geophysics from the California Institute of Technology and a bachelor's degree in geology/physics from Hope College.

She and her husband have two sons. She volunteers as a mentor, and enjoys judging student science fairs and performing as a violinist in community orchestras.