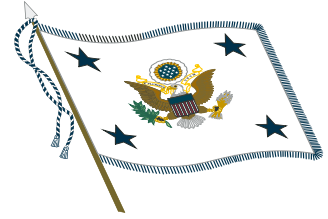




BIOGRAPHY



UNITED STATES ARMY

KATHERINE HAMMACK

Ms. Katherine Hammack was appointed as the Assistant Secretary of the Army for Installations, Energy and Environment (ASA IE&E) by President Obama on 28 June 2010.

She is the primary advisor to the Secretary of the Army and Chief of Staff of the Army on all Army matters related to Installation policy, oversight and coordination of energy security and management.

She is also responsible for policy and oversight of sustainability and environmental initiatives; resource management including design, military construction, operations and maintenance; base realignment and closure (BRAC); privatization of Army family housing, lodging, real estate, utilities; and the Army's installations safety and occupational health programs.



Prior to her appointment, Ms. Hammack was a leader in Ernst & Young LLP's Climate Change and Sustainability Services practice. In that capacity she assisted clients with obtaining Leadership in Energy and Environmental Design (LEED) green building certification for their buildings and identification of sustainability strategies.

She was the key LEED advisor to the largest LEED for new construction building in the world (8.3 million sq ft) which received LEED-NC Silver certification. She was also the key LEED advisor on the largest existing green building certification for building operation and maintenance (9.6 million sq ft) which received LEED-EB Gold level certification.

Ms. Hammack has over 30 years of experience in energy and sustainability advisory services. She has experience in the evaluation of energy conservation projects, including ventilation upgrades, air distribution, indoor air quality, lighting efficiency, cogeneration, sustainable design, solar energy, and building operation.

Ms. Hammack has a bachelor's degree in mechanical engineering from Oregon State University and an M.B.A. from University of Hartford.

She is a Certified Energy Manager, LEED Accredited Professional and a Certified Indoor Air Quality Manager.

She has been an active member of ASHRAE, where she has been on the 90.1 Energy Efficiency Standard Committee and on the Standard 189 High Performance Green Buildings Standard Committee.

Ms. Hammack is a founding member of U.S. Green Building Council in Washington, D.C.