

Jill M. Marlowe
Associate Center Director, Technical
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Ms. Jill Marlowe is the Associate Center Director, Technical, at NASA's Langley Research Center in Hampton, Virginia. Langley, founded in 1917, is the nation's first civilian aeronautical research facility and NASA's first field center. Langley is where NASA researches solutions to challenges ranging from global climate change and access to space, to air travel, and future aviation vehicles. In her role, Ms. Marlowe leads strategy and transformation of the center's technical capabilities to enable NASA's future missions. She is particularly focused on accelerating the center's external collaborations and the infusion of digital technologies to thrive as a modern federal laboratory in today's competitive, connected, fast-paced, and technology-enabled world.

From 2012-2018, Ms. Marlowe served as Langley's Research Director where she led the center's largest organization to conduct cutting-edge research and technology development in aerosciences, structures and materials, and intelligent flight systems, primarily to advance America's aviation interests. Previously from 2009-2012, Ms. Marlowe served as the Deputy Director and then Director of Engineering at NASA Langley, where she led the design and fabrication of Langley's flight and ground test articles including space-based remote sensing instruments to characterize Earth's atmosphere. In 2008, she served as the Integrated Design & Analysis Manager for the Ares I-X mission, which was the first flight test demonstration of the Ares launch vehicle intended to replace the Space Shuttle. From 1997-2007, she held a series of varied and increasingly responsible management positions in Langley's Research and Engineering organizations, which built on her early NASA career engineering experience as a structural analyst for numerous space-based remote sensing instruments and her industry experience as a submarine structural analyst for General Dynamics Electric Boat Division.

Ms. Marlowe's formal education includes a Bachelor of Science degree in Aerospace and Ocean Engineering from Virginia Tech in 1988, a Master of Science in Mechanical Engineering from Rensselaer Polytechnic Institute in 1990, and a Degree of Engineer in Civil and Environmental Engineering at George Washington University in 1997. She serves on advisory boards for the Virginia Space Grant Consortium, Old Dominion University's College of Engineering, and Virginia Tech's Aerospace & Ocean Engineering Department. She has a passion for inspiring the next generation to change the world through a STEM career, has been an invited speaker at numerous conferences, science fairs and student events. She is the recipient of two NASA Outstanding Leadership Medals, was named the 2017 NASA Champion of Innovation, and is an AIAA Associate Fellow.

Ms. Marlowe lives in Yorktown, Virginia, with her husband, Dr. Kevin L. Marlowe, who is the Chief Information Officer (CIO) for the Hampton Veterans Administration Hospital and a retired Captain in the U.S. Navy Reserves. They are proud of their three children ranging in age from 12-25, and enjoy being trained as first time dog parents by their 3-year old Labradoodle, Tuxedo.