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Matthew Hull is Associate Director for Innovation and Entrepreneurship with Virginia Tech's National Center for Earth and Environmental Nanotechnology (NanoEarth). Previously, he managed the nanotechnology and engineered health research portfolios within Virginia Tech's Institute for Critical Technology and Applied Science (ICTAS). He received his Ph.D. in Civil and Environmental Engineering from Virginia Tech in 2011 and an M.S. in Biology from Virginia Tech in 2002. He received his B.S. In Environmental Science from Ferrum College in 2000. Hull is also President and Owner of NanoSafe, Inc., a provider of nanotechnology human and environmental health and safety (EHS) services he founded in 2007. For more than a decade, Hull has been an active part of the emerging nanotechnology EHS landscape. In 2009, Hull co-edited the book 'Nanotechnology Environmental Health and Safety: Risks, Regulation, and Management', (Elsevier, London) - 3rd Edition forthcoming in 2018. Hull was previously appointed by the White House Office of Science and Technology Policy (OSTP) to serve on the Nanotechnology Technical Advisory Group (nTAG) to the President's Council of Advisors on Science and Technology (PCAST). Prior to joining Virginia Tech, Hull served as Senior Research Scientist at Luna Innovations Incorporated, where his research focused on developing technologies and strategies to protect human and environmental health. Hull's past research programs have explored applications and implications of engineered nanomaterials in environmental systems for commercial clients as well as federal agencies such as the US DOD (Air Force, Army, Navy), EPA, NASA, NOAA, NSF and DEFRA (UK). His current research extends beyond nanotechnology to focus on ensuring public/national security and resilience amidst the rapid development and deployment of emerging and converging technology platforms incorporating advanced manufacturing, artificial intelligence, synthetic biology, and cyber security.