



Makenzie Lystrup, PhD

Vice President & General Manager, Civil Space

As Vice President and General Manager of Civil Space, Dr. Makenzie Lystrup is responsible for Ball Aerospace's portfolio of civil space systems that span across all science fields, operational weather and Earth observation, as well as advanced technologies development objectives. She is also a leader in sustainability and environmental business at the broader Ball Corporation enterprise level.

Under her leadership, Lystrup has overseen the launches of Ball contributions to missions such as NASA's Webb Space Telescope and IXPE, and the Operational Land Imager for Landsat 9. She is overseeing the development of Ball's contributions to NASA's SPHEREx cosmology mission and Roman Space Telescope, and MethaneSAT, the world's first satellite funded by an independent NGO (the Environmental Defense Fund).

Prior to her current role, Lystrup served as senior director for Civil Space Advanced Systems and Business Development, where she managed new business activities for NASA, NOAA, and other civilian U.S. government agencies as well as for academia and other science organizations. She originally joined Ball in 2013 in the company's Strategic Operations organization, based in Washington, D.C., where she led Ball's space sciences portfolio.

Previously, Lystrup worked in the U.S. House of Representatives as a Congressional Science & Technology Policy Fellow. During her time on the Hill, she managed an issue portfolio ranging from technology and privacy to national defense to nuclear energy and nonproliferation.

Lystrup is actively engaged in the broader science and aerospace communities, and has served on boards and committees for organizations such as the National Academies, the Association of Universities for Research in Astronomy, the Commercial Spaceflight Federation, SPIE, the American Astronomical Society, the Canadian Research Council, and the University Corporation for Atmospheric Research. In 2019, Lystrup was elected to the rank of Fellow of the American Association for the Advancement of Science.

In her career as a research scientist, Lystrup worked around the globe investigating planetary magnetosphere-ionosphere interactions primarily using large ground-based infrared telescopes, including as a National Science Foundation Astronomy & Astrophysics Postdoctoral Research Fellow.

Lystrup received a B.S. in physics from Portland State University, and a Ph.D. in astrophysics from University College London.