

NASA's Search for Life Beyond the Earth

In addition to NASA's sophisticated rovers, Perseverance and Curiosity, that are currently exploring the surface of Mars to understand the ancient environments that may have supported ancient Martian life, NASA has identified and obtained measurements on more than 5,000 planets that orbit other stars in our Milky Way galaxy. The variety of planets is astonishing! The data provide constraints on the likelihood of those planets having life-as-we-know-it. NASA's James Webb Space Telescope has the capability of determining which, if any, of those planets actually have life now.