

Environmental

Use Case

Monitoring an Everchanging Planet



If there is one consistent thing, that is change. Where that change happens and how it happens, is what we need to keep track of. For scientists studying the rate of deglaciation at the polar ice caps, there is no way to regularly send and receive data from its furthest region back to the research lab. With the Astrocast Nanosatellite IoT Network, teams can monitor this change from anywhere in the world. This puts critical data in the right hands and allows researchers to track the rate of change, and in turn, project climate change from now to the foreseeable future.

From weather stations to groundwater monitoring, and even seismology, measuring, and monitoring our environment can take us to regions where there is little to no connectivity. Astrocast brings natural resource management to your desktop. Astrocast allows your sensors and stations to send the data you need from valleys, mountains, streams, and forests so you can make the decisions that can save the world.



Low-power



Bidirectional



L-Band



Low-cost

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