

# **INTELLIGENT DATA FOR A** SMARTER PLANET



## **WEATHER**

Atmospheric data collection and modeling for weather forecasting, managing economic impact and business interruption, as well as long-term climate change insight.



### CLIMATE CHANGE -

Collecting and analyzing actionable intelligence for governments and businesses to operate more efficiently, more profitably, and with greater social responsibility when it comes to our resources, our environment, and the sustainability of our planet's ecosystem.



#### COMMUNICATIONS

From GPS to the various communication methods we use, our atmospheres have an effect on their ability to function when needed.



### TRANSPORTATION

From changing upper atmospheric winds and temperature to ocean vector wind and wave models, ASTRA focuses on data to help industry operate more efficiently, safely, and with greater environmentally responsiblity.



#### RISK MANAGEMENT

Using data to help government and business manage climate and weather change risks to humans, property, and the environment.



#### AGRICULTURE

Water, food, and oxygen are the most critical elements to human existence on earth. Collecting and analyzing atmospheric and terrestrial data to produce, sustain, and protect these resources is a priority.

# Data to help us live, work & play better on Earth & in space.