[remote collection of atmospheric data over a large area]

BACKGROUND

A major focus of current and future planetary science is the **measurement and modeling of** terrestrial atmospheres: a field of study crucial to our understanding of the world around us, and to learning more about the complex systems that sustain life on earth. Off earth, the atmosphere is also a key point of interest for learning more about the conditions on Earthlike planets, and the investigation of whether these planets were, or are ever capable of sustaining life.

THE PROBLEM:

LIMITATIONS OF CURRENT APPROACHES TO ATMOSPHERIC SENSING



THE SOLUTION:

A NOVEL BIOMIMETIC APPROACH TO SPACE SYSTEMS & SPACECRAFT DESIGN

Biomimicry is an approach to innovation that draws inspiration from the forms, systems, and strategies of nature.

* `a **plant** • is not so different from a spacecraft -

a seed •

is not so different from

a payload •





