

***United States Space Sciences and
Exploration Policy in the Next 20
Years***

December 2, 2011

Carnegie Institution for Science

Introduction

Arnauld Nicogossian

A vibrant green and yellow nebula in space, with a sign in the foreground. The sign is tilted and contains the text: "TO REVEAL THE UNKNOWN AND BENEFIT ALL HUMANS". The sign is illuminated from the top, creating a bright glow. The background is a dark blue space filled with stars and the nebula's wispy clouds.

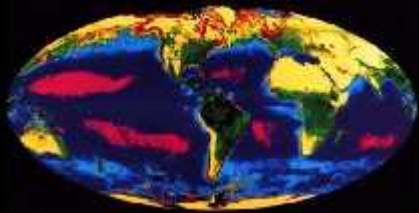
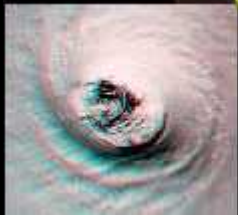
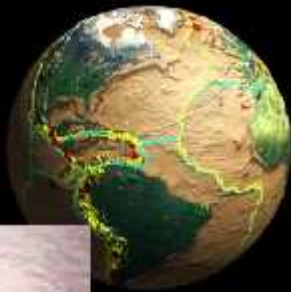
NASA VISION

*TO REVEAL THE UNKNOWN
AND
BENEFIT ALL HUMANS*

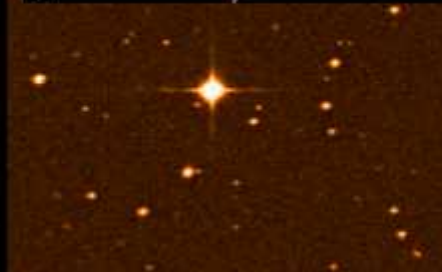
*BENEFIT ALL HUMANS
AND
TO REVEAL THE UNKNOWN*

About NASA's Science

FROM Space



ABOUT Space



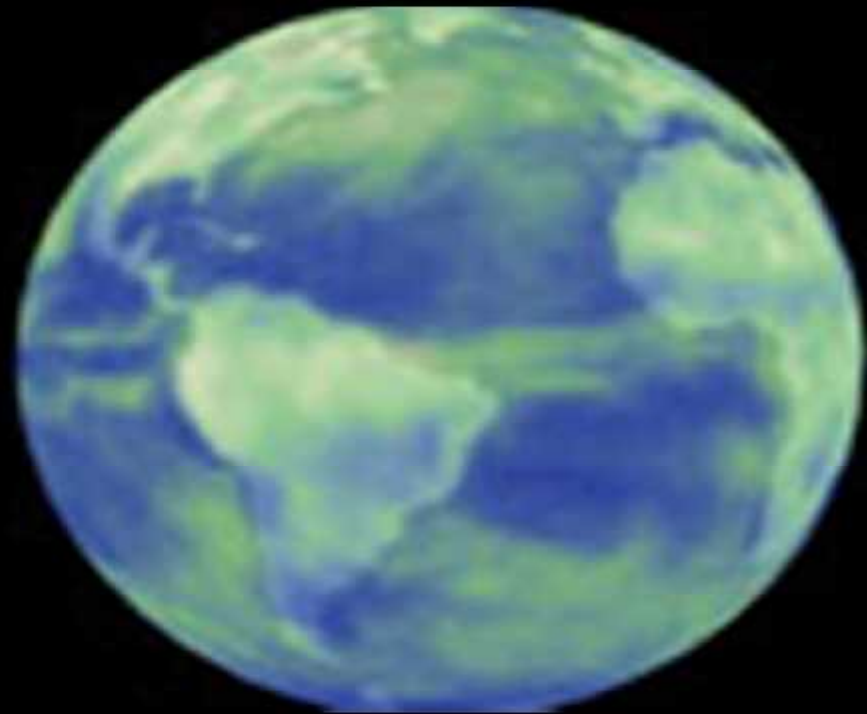
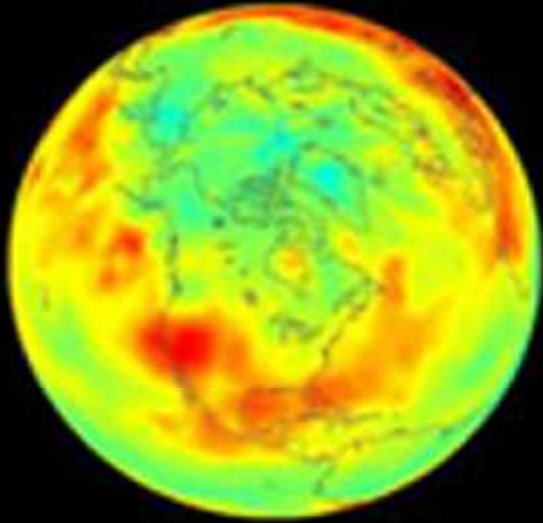
IN Space



Discoveries Paving Human Exploration Beyond the Low Earth Orbit



Understanding and Protecting Our Home the Planet Earth



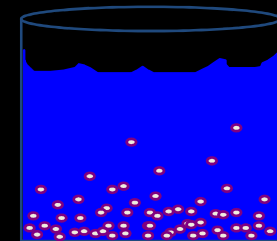
Exploring the Properties of Gravitational Forces

Convection

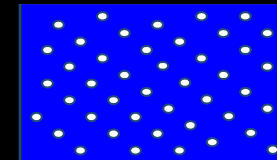
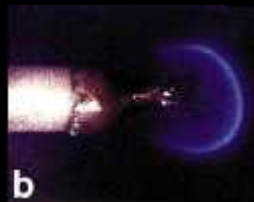
Buoyancy

Sedimentation

Earth



Space



Commercial Space



Over 70 entities
(US and international involved)

Figure 1: U.S. Commercial Launches 1997 to 2010

