

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

December 2, 2011

Carnegie Institution for Science

Introduction

Arnauld Nicogossian

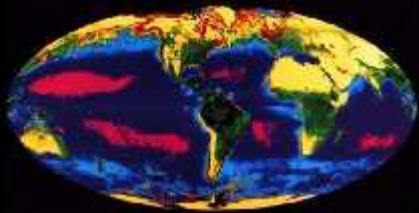
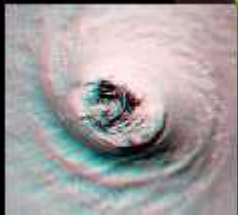
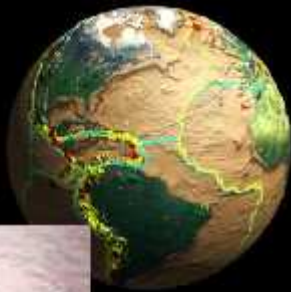
NASA VISION

*TO REVEAL THE UNKNOWN
AND
BENEFIT ALL HUMANS*

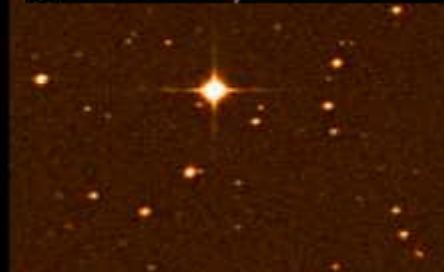
*BENEFIT ALL HUMANS
AND
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About NASA's Science

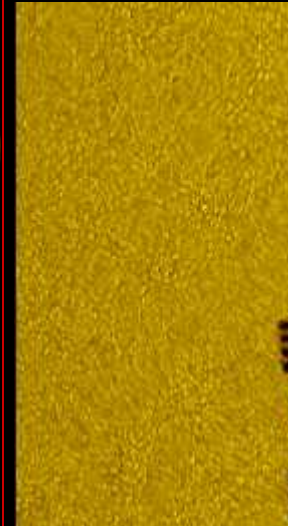
FROM Space



ABOUT Space



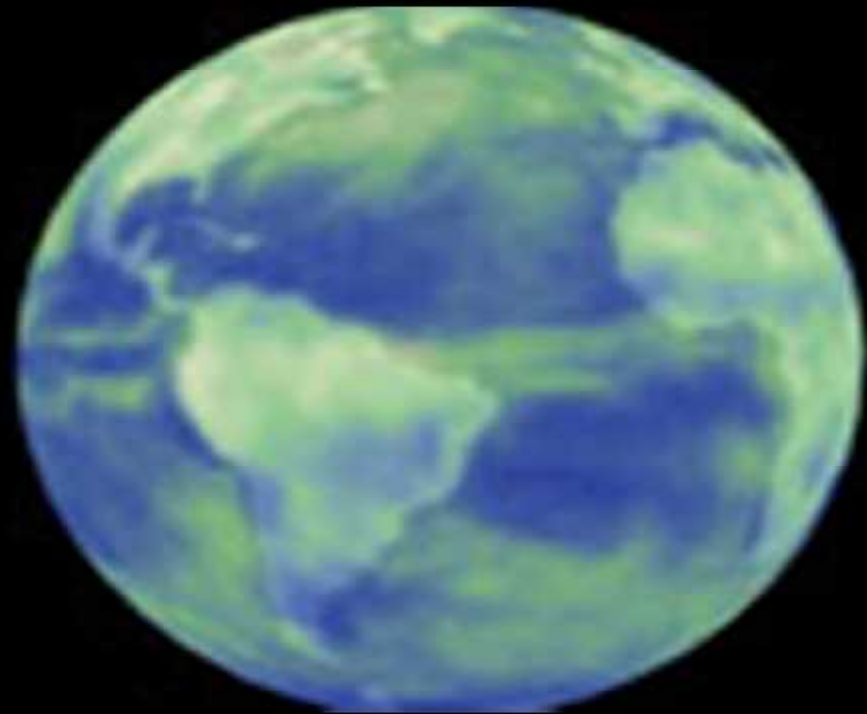
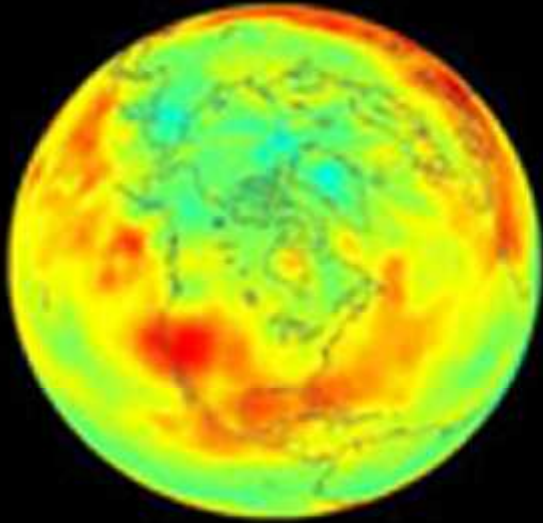
IN Space



Discoveries Paving Human Exploration Beyond the Low Earth Orbit



Understanding and Protecting Our Home the Planet Earth



Exploring the Properties of Gravitational Forces

Convection

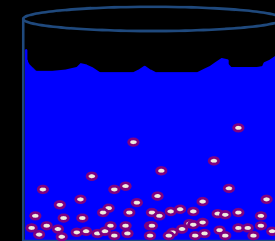
Buoyancy

Sedimentation

Earth



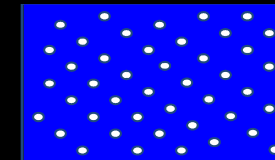
a



Space



b



Commercial Space



Over 70 entities
(US and international involved)

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

