# Atmospheric pressure as a natural climate regulator for a terrestrial planet with a biosphere

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## Thin the Air, Save the Biosphere?

By Phil Berardelli ScienceNOW Daily News 1 June 2009

### Research Highlights

Wature 459, 754 (11 June 2009) | doi:10.1038/459754d; Published online 10 June 2009 http://www.nature.com/nature/journal/v459/n7248/full/459754d.html

Planetary science: Pressure drop

## **WIRED SCIENCE**

NEWS EDD VOLID NELIDONS

http://www.wired.com/wiredscience/2009/06/earth-gets-a-billion-year-life-extension/#more-5675

Earth Gets Billion-Year Life Extension

By Alexis Madrigal June 1, 2009 | 6:36 pm | Categories: Earth Science, Space

#### environmentalresearchweb

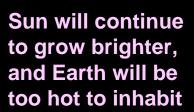
http://environmentalresearchweb.org/cws/article/research/39579

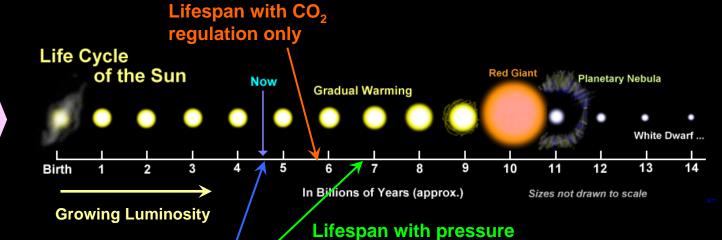
RESEARCH HIGHLIGHTS

Jun 24, 2009

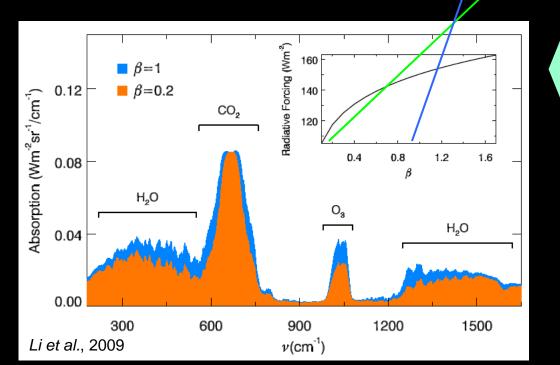
Extraterrestrial team challenges palaeoclimatologists

## **Atmospheric Pressure and Habitability**





regulation additionally



Regulation on pressure would extend the Earth's lifespan by ~ 1 billion years



- Pressure change in the past? (Faint Young Sun Paradox)
- Largely increase the number of potentially habitable planets
- Largely increase the time of searching or being searched for extraterrestrial life