

# IISER Pune

# EARTH & CLIMATE

# SCIENCE PROGRAM

Indian Institute of Science Education and Research (IISER), Pune has launched a new initiative focusing on Earth and Climate Science.

## About the Program

The Earth system is large, complex, multi-variant and highly non-linear resulting in complexity, ambiguity and uncertainty in the processes responsible for shaping the planet and its resources. Its understanding calls for integration of subjects like physics, chemistry, mathematics, and biology along with advanced computational methods. IISER Pune, with its strengths in natural sciences and mathematics, will provide an ideal environment for this program which will also have close ties with Indian Institute of Tropical Meteorology, Pune.

## Focus Areas

- Computational Geoscience
- Characterization & Dynamics of near surface Earth system
  - Deep Earth Exploration
- Water-Science; Ocean; Atmosphere
- Solid Earth Interaction Process Modeling
- Earth and Life Evolution and Interaction

## Faculty Members

Beginning August 2014, Prof. Shyam Rai will head the Earth and Climate Science program at IISER Pune. We invite faculty with proven research competence; imaginative research proposals, which will greatly benefit (and benefited by) the unique Indian subcontinent; and an ability to communicate fundamental concepts to get in touch with us and learn more about career opportunities at the program.

## Contact

Shyam Rai  
Professor and Chair

Earth and Climate Science Program at IISER Pune

Image Source:  
<http://earthobservatory.nasa.gov/blogs/elegantfigures/2011/10/06/crafting-the-blue-marble/>

INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER) PUNE

DR. HOMI BHABHA ROAD, PASHAN, PUNE-411 008, INDIA

[www.iiserpune.ac.in](http://www.iiserpune.ac.in)

