

# Earth League offers 2 Positions at the Earth System Science Center of the National Institute for Space Research, Brazil: one position for a Post-Doctoral Researcher and one position for a Visiting Scholar

## Integrated Earth System Research for Global Sustainability

The Earth League (<http://www.the-earth-league.org/>), an international alliance of leading scientists and world class research institutions, has set out to advance new knowledge for global sustainability in an era of rapid global change. There is an urgent need to deepen our understanding of pathways to future world development on a resilient and stable planet. Together we are now embarking on a joint World-Earth modelling and analysis program aimed at advancing the next generation of integrated Earth system analysis for global sustainability.

A senior inter-disciplinary team of scientists now invites applicants for one Post-Doc research position and one Visiting Scholar position hosted by the Earth Science System Center of the National Institute for Space Research (INPE), Brazil. We invite excellent young scientists from different academic backgrounds in sustainability research. These “Earth Docs” will be recruited across thematic areas such as

- Integrated Earth system modelling
- Global governance and economics for sustainability
- Sustainable transformations and technology change
- Global equity and human behavior

These 2 Earth-Docs will form part of one integrated international research team, hosted at the following Earth League institutions:

Potsdam Institute for Climate Impact Research, Germany  
Stockholm Resilience Center, Stockholm University, Sweden  
Earth System Science Center, Tsinghua University, China  
Earth System Science Center, National Space Research Institute (INPE), Brazil  
Scripps Institution of Oceanography, UC Davis, USA  
HZG/Climate Service Center 2.0, Germany

These 2 Earth Doc positions are being sponsored by a partnership between INPE and CAPES (National Foundation for Post-Graduate Education of Brazil).

## **VISITING SCHOLAR POSITION**

**Eligibility:** Researcher currently based in an institution outside of Brazil or with a Ph. D. obtained in an institution outside of Brazil, with high publication standards and academic contribution. The candidate shall not been recipient of a PVE Sponsor in the past two years and can not accumulate financial support by other Brazilian Institutions.

**Language requirement:** Fluent in English.

**Research areas:** modeling of Earth system components; integrated Earth system modeling; global governance and economics for sustainability; sustainability transformations and technological change; global equity and human behavior.

**Geographical research focus:** South America, Brazil or regional (e.g., Amazon, Northeast Brazil, Southern Cone, Patagonia, the Andes, etc.).

**Host Institution:** Earth System Science Center, National Institute of Space Research, São José dos Campos, SP, Brazil.

**Duration of research position:** 2 years, with a possibility of extending to one more year.

## **HOW TO APPLY**

Send the following information to [coordenacao.ccst@inpe.br](mailto:coordenacao.ccst@inpe.br)

1. A letter of intent stating your research interests and motivation for the position
2. An updated CV, with list of publications
3. Name and contact information of three persons that can provide personal and professional reference

Deadline for application: 30 April 2017

## **POST-DOCTORAL POSITION**

**Eligibility:** Researcher with a Ph. D. obtained in an institution in Brazil or abroad.

**Language requirement:** Fluent in English and in Portuguese.

**Research areas:** Earth system modeling; atmosphere physics; ocean dynamics and marine biogeochemistry; land use and continental hydrology.

**Geographical research focus:** Global climate with emphasis on South America and the Atlantic Ocean.

**Host Institution:** Earth System Science Center, National Institute of Space Research, São José dos Campos, SP, Brazil.

**Duration of research position:** 3 years, with a possibility of extending to one more year.

## **HOW TO APPLY**

Send the following information to [coordenacao.ccst@inpe.br](mailto:coordenacao.ccst@inpe.br)

1. A letter of intent stating your research interests and motivation for the position
2. An updated CV, with list of publications
3. Name and contact information of three persons that can provide personal and professional reference

Deadline for application: 30 April 2017

## **SELECTION PROCESS**

A senior core team of members internally from INPE and externally from the Earth League institutions will form a selection committee to advise the final step in this process (once candidates have been short-listed), in order to ensure that a good mix of disciplines, skills, gender and geographical backgrounds is obtained.

## **ADDITIONAL INFORMATION**

For any additional information that potential applicants may wish to obtain, please you're your inquire to the:

Earth System Science Center  
National Institute of Space Research (INPE)  
São José dos Campos, SP, Brazil  
Telephone Number: +55 12 32087903 ou +55 12 3208 7792  
E-Mail: [coordenacao.ccst@inpe.br](mailto:coordenacao.ccst@inpe.br)