

**A review of the last 10 years of study for
the ten year of IHY is published in SUN
AND GEOSPHERE volume 12 supplement**

**Recent Advances in Atmospheric,
Solar-Terrestrial Physics and Space
Weather**

**From a North-South network of scientists
[2006-2016]"**

PART A: TUTORIAL

Amory-Mazaudier C. ^{1,2}, Menvielle M. ³, Curto J-J. ⁴, Le Huy M. ⁵

1. Sorbonne Universités UPMC Paris 06, LPP, Polytechnique, 5 place Jussieu, Paris, France
2. T/ICT4D Abdus Salam ICTP, Trieste, Italy
3. Université Versailles Saint-Quentin, CNRS/INSU, LATMOS, IPSL, 78280 Guyancourt, France
4. Observatorio del Ebro, (OE) CSIC – Universitat Ramon Llull, Roquetes, Spain
5. Institute of Geophysics, Vietnam Academy of Science and Technology, Hanoi, Vietnam.

<http://newserver.stil.bas.bg/SUNGEOPDF/SG v12 Sup 2017-pp-1-19.pdf>

PART B : Results and Capacity Building

Amory-Mazaudier, C. ^{1,2}, Fleury, R. ³, Petitdidier, M. ⁴, Soula, S. ⁵, Masson, F. ⁶, GIRGEA team^{1*}, Davila,J. ⁷, Doherty, P. ⁸, Elias, A. ⁹, Gadimova, S. ¹⁰, Makela, J. ¹¹, Nava, B. ², Radicella, S. ², Richardson, J. ¹², Touzani, A. ¹³

1. Sorbonne Universités UPMC Paris 06, LPP, Polytechnique, Paris, France
2. T/ICT4D Abdus Salam ICTP, Trieste, Italy
3. Lab-STICC, UMR 6285, Institut Mines-Telecom Atlantique, Brest cédex 3, France

4. Université Versailles Saint-Quentin, CNRS/INSU, LATMOS, IPSL, Guyancourt, France
5. Laboratoire d'Aérologie, Université de Toulouse, France
6. Institut de Physique du globe de Strasbourg, Ecole et Observatoire des Sciences de la Terre, 5 rue René Descartes, 67084, Strasbourg Cédex, France
7. NASA, Independence Square at 300 E, Street SW, Washington D.C., USA
8. Boston College University, Boston, USA
9. Conicet & Universidad Nacional de Tucuman, Departamento de Fisica, Tucuman, Argentina
10. Office for Outer Space Affairs, United Nations Office at Vienna
11. Department of Electrical and Computer Engineering, University of Illinois at UrbanaChampaign, Urbana, Illinois, USA
12. Massachusetts Institute of technology, Kavli Institute for Astrophysics and Space Research, Cambridge, MA
13. African Regional Centre for Space Science and Technology Education (CRASTE-LF)

http://newserver.stil.bas.bg/SUNGEO/00SGArhiv/SG_v12_Sup_2017-pp-21-69.pdf

SUN and GEOSPHERE

International Journal of Research and Applications

online **ISSN 2367-8852**

Sun and Geosphere is a peer-reviewed international journal published by the Balkan, Black Sea and Caspian Sea Regional Network on Space Weather Studies (BBC SWS Regional Network).

The BBC SWS Regional Network was founded in June 2005 by decision of the "IHY Regional planning meeting for the Balkan and Black Sea region", Sozopol, Bulgaria, 6–8 June 2005 ([see Protocol](#)). In this protocol as item 3 (below the MEMORANDUM OF UNDERSTANDING) is written

"The Regional Network will publish an International referred Scientific Journal **SUN and GEOSPHERE** with international editorial board. ".

The first issue of the magazine was printed in early 2006 in Baku Azarbeydzhani. First Editor-in-Chief was Elchin Babayev from ShAMAKHY Astrophysical Observatory ShAO. He is now Honorary Editor.

Editor-in-Chief: Atila Özgür
(Kandilli Observatory, Turkey)

<http://sungeosphere.org>