

Frédéric OUATTARA, the ISWI coordinator for the Burkina Faso, is the winner of the Africa Award for Research Excellence in Space Science for the year 2018. He will receive the prize during AGU Fall meeting which will be held at Washington DC from December the 8th to December the 14th. The honorees ceremony is on December, 12.



After a first thesis on the thermodynamics of African homes, Frédéric Ouattara chose in 2006 to focus his work on the relationship between the Earth and the sun.

He participated in the IHY project of the International Heliophysical Year and defended his thesis in 2009 on the basis of 6 articles published in rank A journals. He currently has 30 publications in renowned journals: *JASTP*, *Annales Geophysicae*, *Space Weather and Weather Review*, *JGR*, *Advances in Space Research*

His thesis on the "Contribution to the study of the relations between the two components of the solar magnetic field and the equatorial ionosphere", was defended on October 3, 2009 at the University Cheikh Anta Diop, Dakar, Senegal. This is the first thesis that links the two components of the solar magnetic field (poloidal, toroidal) to the critical frequency of the ionospheric F region. This study is useful for HF propagation.

Frédéric Ouattara trained a team of 6 researchers in Burkina Faso and is currently developing the University of Koudougou where he is the vice-president.