

V. Program Schedule

[POSTER 8]

Date / Time (Sat.) October 9, 2021 / 14:40-15:05 (UTC)

Session Code SAT3

Session Chair Stefan Reis, Kaley Walker

[SAT3_1] 14:40-14:42

Estimations of UV Index and Biological Dose Rates in Asia for GEMS Measurements

Hana Lee¹, Jhoon Kim¹, Ukkyo Jeong^{2,3}, Won-Jin Lee⁴, and Dongwon Lee⁴

¹Yonsei University, Republic of Korea, ²NASA, USA, ³University of Maryland, USA, ⁴National Institute of Environmental Research, Republic of Korea

[SAT3_2] 14:42-14:44

Estimation of UV Index over South Korea using Empirical Models, Random Forest, and Deep Neural Network

Jaemin Kim and Yun Gon Lee

Chungnam National University, Republic of Korea

[SAT3_3] 14:44-14:46

Changes in 2005-2020 Aura OMI Total Column Ozone and Ultra-Violet Index (UVI) over Indonesia and Their Connections to Regional Cloud Cover

Ninong Komala

National Institute of Aeronautics and Space, Indonesia

[SAT3_5] 14:48-14:50

Assessment of Impact of Tropospheric Ozone on Forest Site of Delhi, India by the Use of Mathematical Models

Pallavi Saxena¹, Monojit Chakraborty², Saurabh Sonwani¹, and Tushar Gautam¹

¹University of Delhi, India, ²LEA Associates South Asia Pvt. Ltd., India

[SAT3_6] 14:50-14:52

The Relationship between Ozone and Cardiorespiratory Mortality for Different Age Groups for Attica Region

Lida Dimitriadou^{1,2}, Kostas Eleftheratos², Christos Zerefos^{1,3,4,5}, and Panagiotis Nastos²

¹Academy of Athens, Greece, ²National and Kapodistrian University of Athens, Greece, ³Academy of Athens, Greece, ⁴Navarino Environmental Observatory, Greece, ⁵Mariolopoulos-Kanaginis Foundation for the Environmental Sciences, Greece

[SAT3_7] 14:52-14:54

The SOUVENIR Project (Solar UV Extensive Network for Information and Reporting)

G. Fasano^{1,2}, H. Diémoz¹, A. M. Siani², L. Scacchi³, M. Depaoli⁴, M. Zublena¹, and I. Fountoulakis¹

¹ARPA Valle d'Aosta, Italy, ²Sapienza University of Rome, Italy, ³University of the Aosta Valley, Italy, ⁴Consultant Dermatologist

V. Program Schedule

- [SAT3_8]** 14:54-14:56
Comparison of Global UV Spectral Irradiance Measurements from a BTS Array Spectroradiometer versus a Double Brewer MK-III Spectrometer
C. González¹, J. M. Vilaplana¹, J. A. Bogeat¹, and A. Serrano²
¹National Institute for Aerospace Technology, Spain, ²Universidad de Extremadura, Spain
- [SAT3_9]** 14:56-14:58
Modelling Spectral UV Radiation at Marambio Base, Antarctic Peninsula Region, using Artificial Neural Networks
Klára Čížková^{1,2}, Kamil Láska², Ladislav Metelka¹, and Martin Staněk¹
¹Czech Hydrometeorological Institute, Czech Republic, ²Masaryk University, Czech Republic
- [SAT3_10]** 14:58-15:00
Variation of Stratospheric Ozone Concentration and Genotoxic Effects of Solar UV Radiation in Southern Brazil
Bruna Cogo Borin^{1,2}, Maurício Beux dos Santos^{1,2}, James Eduardo Lago Londero^{1,2}, and André Passaglia Schuch^{1,2}
¹UFMS, Brazil, ²Southern Regional Space Research Center, CRS/INPE-MCTIC, Brazil
- [SAT3_11]** 15:00-15:02
Climatology of UV Index in South Region of Brazil
Bibiana Culau Lopes¹, Damaris Kirsch Pinheiro¹, Hassan Bencherif², Thierry Portafaix², and Nathalie Tissot Boiaski¹
¹UFMS, Brazil, ²LACy, France
- [SAT3_12]** 15:02-15:04
UV Index Behavior during Events of Influence of Antarctic Ozone Hole in Southern Region of Brazil
Bibiana Culau Lopes¹, Gabriela Dornelles Bittencourt¹, Damaris Kirsch Pinheiro¹, Hassan Bencherif², and Lucas Vaz Peres³
¹UFMS, Brazil, ²LACy, France, ³UFOPA, Brazil