

Short CV

Name	Dimitrios Balis
<i>Position</i>	Associate Professor, Physics Department, AUTH
<i>Studies</i>	Degree In Physics, AUTH, 1989 PhD in Physics, AUTH, 1998
<i>Scientific expertise</i>	<ul style="list-style-type: none"> • 110 publications in peer reviewed journals • 5 articles in books • 20 research projects as PI from AUTH • 59 participations in research projects • Member of the organizing committee in 6 international conferences • Reviewer in 13 international journals
<i>Research activities</i>	Remote sensing of the atmosphere with lidars Satellite remote sensing of the atmospheric composition Optical and microphysical properties of the aerosols Variability of the ozone layer Air quality Radiative transfer in the atmosphere
<i>Five most important publications</i>	<ol style="list-style-type: none"> 1. <u>Balis D.</u>, J-C. Lambert , Van Roozendaal M., D. Loyola, R. Spurr, Y. Livschitz, P. Valks, T. Ruppert, P. Gerard, J Granville and V. Amiridis, Reprocessing the 10-year GOME/ERS-2 total ozone record for trend analysis: the new GOME Data Processor Version 4.0, Validation, J. Geophys. Res., vol. 112, D07307, doi:10.1029/2005JD006376, 2007 2. <u>Balis D.S.</u>, M. Koukouli, M. Kroon, E. Brinksma, , G. Labow, J.P. Veefkind and R. McPeters, Validation of total ozone data products of the Ozone Monitoring Instrument using Brewer and Dobson ground-based data, J. Geophys. Res., VOL. 112, D24S46, doi:10.1029/2007JD008796, 2007 3. <u>Balis D.</u>, E. Giannakaki, D. Müller, V. Amiridis, K. Kelektoglou, S. Rapsomanikis and A. Bais, Estimation of the microphysical aerosol properties over Thessaloniki, Greece, during the SCOUT-O₃ campaign with the synergy of Raman lidar and sunphotometer data, J. of Geophys. Res., 2010 4. Giannakaki, E., <u>Balis, D. S.</u>, Amiridis, V., and Zerefos, C.: Optical properties of different aerosol types: seven years of combined Raman-elastic backscatter lidar measurements in Thessaloniki, Greece, Atmos. Meas. Tech., 3, 569-578, doi:10.5194/amt-3-569-2010, 2010 5. <u>Balis D.</u>, I.S.A. Isaksen, C. Zerefos, I. Zyrichidou, K. Eleftheratos, K. Tourpali, R. Bojkov, B. Rognerud, F. Stordal, O.A. Søvde, Y. Orsolini, Observed and Modelled record ozone decline over the Arctic during winter/spring 2011, Geophys. Res. Lett., 2011