

Name, Institute	Kleareti Tourpali, AUTH
Relevant experience	<p>She obtained her PhD at the Aristotle University of Thessaloniki in 1994 in atmospheric physics. She worked at the Laboratory of Atmospheric Physics, Aristotle University of Thessaloniki, and as a researcher at the School of Meteorology, FU-Berlin, and NCAR, USA. She also worked as a post-doc at the Institute of Marine and Atmospheric Research (IMAOU), RijksUniversiteit Utrecht, and at KNMI, the Netherlands (1998-2003). Since 2004 she is working again at the Physics Department, Laboratory of Atmospheric Physics, Aristotle University of Thessaloniki, first as a Lecturer and as a full Professor since 2020. Her research interests are anthropogenic and natural variability (with emphasis on solar -related effects) of ozone and related effects on atmospheric circulation, climate and ultraviolet radiation, using ESMs, CCMs and satellite data. She has published 74 peer-reviewed papers (h index 32). She has contributed to numerous SPARC, WMO/UNEP and EEAP/UNEP reports.</p> <p>Scopus ID 6602889253 ORCID ID 0000-0003-4111-6176</p>
Selected publications	<p>Zerefos C., Kapsomenakis J., Eleftheratos K., <u>Tourpali K.</u>, Petropavlovskikh I., Hubert D., Godin-Beekmann S., Steinbrecht W., Frith S., Sofieva V., Hassler B., "Representativeness of single lidar stations for zonally averaged ozone profiles, their trends and attribution to proxies", <i>Atmos. Chem. Phys.</i>, 18, 9, 2018</p> <p>Logothetis I., <u>Tourpali K.</u>, Misios S., Zanis P., "Etesians and the Summer Circulation over East Mediterranean in CMIP5 Simulations: Connections to the Indian Summer Monsoon", <i>International Journal of Climatology</i>, 1-14, doi:10.1002/joc.6259, 2019.</p> <p>Ermolli I., Matthes K, Dudok de Wit T, Krivova NA, <u>Tourpali K</u>, Weber M, Unruh YC, Gray L, Langematz U, Pilewskie P, Rozanov E, Schmutz W, Shapiro A, Solanki SK, Thuillier G, Woods TN., "Recent variability of the solar spectral irradiance and its impact on climate modelling" <i>Atmos. Chem. Phys.</i>, 13, 3945-3977, 2013</p> <p><u>Tourpali, K.</u>, Bais, A. F., Kazantzidis, A., Zerefos, C.S., Akiyoshi, H., Austin, J., Brühl, C., Butchart, N., Chipperfield, M.P., Dameris, M., Deushi, M., Eyring, V., Giorgetta, M. A., Kinnison, D. E., Mancini, E., Marsh, D. R., Nagashima, T., Pitari, G., Plummer, D. A., Rozanov, E., Shibata, K., and Tian, W.: Clear sky UV simulations in the 21st century based on ozone and temperature projections from Chemistry-Climate Models, <i>Atmos. Chem. Phys.</i>, 9, 1165-1172, 2009</p> <p>Weber, M., Arosio C., Coldewey-Egbers M., Fioletov V., Frith S.M., Wild J. D., <u>Tourpali K.</u>, Burrows J. P. and Loyola D., Global total ozone recovery trends attributed to ozone-depleting substance (ODS) changes derived from five merged ozone datasets, <i>Atmos. Chem. Phys.</i>, 22, https://doi.org/10.5194/acp-22-6843-2022</p> <p>Bais, A. F., R. L. McKenzie, P. J. Aucamp, M. Ilyas, S. Madronich, G. Bernhard and <u>K. Tourpali</u>, Ozone depletion and climate change: Impacts on UV radiation, <i>Photochem. Photobiol. Sci.</i>, 14, 19-52, 2015</p>