



Παραδοτέο Π8.5: Δημοσιεύσεις ατμοσφαιρικής ρύπανσης σε διεθνή περιοδικά και συνέδρια (τουλάχιστον 2)

Πακέτο Εργασίας	ΠΕ 8
Νο Παραδοτέου	Π8.5
Επικεφαλής δικαιούχος	ΑΠΘ
Συγγραφείς	
Συμμετέχοντες	
Εσωτερικοί κριτές	
Τύπος Παραδοτέου	Δημοσιεύσεις
Επίπεδο Διάχυσης	ΡΥ (δημόσιο)
Εκτιμούμενη ημερομηνία Παράδοσης	Μήνας 49 (30/9/2022)
Πραγματική ημερομηνία Παράδοσης	
Έκδοση	
Σχόλια	

Δημοσιεύσεις ατμοσφαιρικής ρύπανσης σε διεθνή περιοδικά και συνέδρια

Στο πλαίσιο του Πακέτου Εργασίας 8: "Ρύπανση της Ατμόσφαιρας και έκθεση πληθυσμού" παρατίθενται πίνακες με δημοσιεύσεις σε διεθνή περιοδικά και συνέδρια

Δημοσιεύσεις σε διεθνή περιοδικά

A/A	Δημοσίευση
1	Koukouli, M.-E., Skoulidou, I., Karavias, A., Parcharidis, I., Balis, D., Manders, A., Segers, A., Eskes, H., and Van Geffen, J.: Sudden changes in nitrogen dioxide emissions over Greece due to lockdown after the outbreak of COVID-19, <i>Atmos. Chem. Phys.</i> 2021, 21, 1759–1774, doi:10.5194/acp-21-1759-2021, 2021.
2	Mermigkas, M., Topaloglou, C., Balis, D., Koukouli, M.E., Hase, F., Dubravica, D., Borsdorff, T., Lorente, A.: FTIR Measurements of Greenhouse Gases over Thessaloniki, Greece in the Framework of COCCON and Comparison with S5P/TROPOMI Observations, <i>Remote Sens.</i> 2021, 13(17), 3395, https://doi.org/10.3390/rs13173395 , 2021.
3	Skoulidou, I., Koukouli, M.-E., Manders, A., Segers, A., Karagkiozidis, D., Gratsea, M., Balis, D., Bais, A., Gerasopoulos, E., Stavrakou, T., van Geffen, J., Eskes, H., and Richter, A.: Evaluation of the LOTOS-EUROS NO ₂ simulations using ground-based measurements and S5P/TROPOMI observations over Greece, <i>Atmos. Chem. Phys.</i> 2021, 21, 5269–5288, https://doi.org/10.5194/acp-21-5269-2021 , 2021.
4	Skoulidou, I., Koukouli, M.-E., Segers, A., Manders, A., Balis, D., Stavrakou, T., van Geffen, J., and Eskes, H.: Changes in Power Plant NO _x Emissions over Northwest Greece Using a Data Assimilation Technique, <i>Atmosphere</i> , https://doi.org/10.3390/atmos12070900 , 2021.
5	Koukouli M-E, Pseftogkas A, Karagkiozidis D, Skoulidou I, Drosoglou T, Balis D, Bais A, Melas D, Hatzianastassiou N. Air Quality in Two Northern Greek Cities Revealed by Their Tropospheric NO ₂ Levels. <i>Atmosphere</i> . 2022; 13(5):840. https://doi.org/10.3390/atmos13050840
6	Pseftogkas, A., Koukouli M-E, Skoulidou I, Balis D, Meleti C, Stavrakou T, Falco L, van Geffen J, Eskes H, Segers A, Manders A. A New Separation Methodology for the Maritime Sector Emissions over the Mediterranean and Black Sea Regions. <i>Atmosphere</i> . 2021; 12(11):1478. https://doi.org/10.3390/atmos12111478
7	Pseftogkas, A.; Koukouli, M.; Segers, A.; Manders, A.; Van Geffen, J.; Balis, D.; Meleti, C.; Stavrakou, T., and Eskes, H.: Comparison of S5P/TROPOMI Inferred NO ₂ Surface Concentrations with in-situ Measurements over Central Europe. <i>Preprints</i> 2022, 2022080400, doi: 10.20944/preprints202208.0400.v1 , 2022

Δημοσιεύσεις σε διεθνή συνέδρια

A/A	Δημοσίευση
1	Koukouli, M.-E., Skoulidou, I., Segers, A., Manders-Groot, A., Kuenen, J., van Geffen, J., Eskes, H., Hedelt, P., Loyola, D., Stavrakou, T., Tzoumaka, V., Kelessis, A., Karagkiozidis, D., and Balis, D.: Quantifying South Eastern Europe NOx and SO ₂ emissions using S5P/TROPOMI; from the urban to the regional scale, EGU General Assembly 2020, Online, 4–8 May 2020, EGU2020-8043, https://doi.org/10.5194/egusphere-egu2020-8043 , 2020.
2	Skoulidou, I., Koukouli, M.-E., Segers, A. et al.: Comparisons of Sentinel 5 Precursor/TROPOMI NO ₂ observations with Lotos-Euros simulations and ground-based in situ measurements, 12th International Conference on Air Quality – Science and Application, Thessaloniki, Greece, April-May, 2020.
3	Topaloglou, C., Mermigkas, M., Koukouli, M.-E., Balis, D., Hase, F., Landgraf, J., and Aben, I.: Comparison of one year of XCH ₄ and XCO measurements using a EM27/SUN low resolution FTIR spectrometer to S5P/TROPOMI methane and carbon monoxide columns at Thessaloniki, Greece, EGU General Assembly 2020, Online, 4–8 May 2020, EGU2020-15056, https://doi.org/10.5194/egusphere-egu2020-15056 , 2020.
4	Georgoulias, A.-K., Boersma, K.-F., van Vliet, J., Zhang, X., van der A, R., Zanis, P., and de Laat, J.: Detection of NO ₂ plumes from individual ships over the Mediterranean Sea with the TROPOMI/S5P, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
5	Gkertsi, F., A.F. Bais, M.-E. Koukouli, et al.: Validation of TROPOMI/S5P total ozone using ground-based DOAS measurements in Thessaloniki, Greece, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
6	Karagkiozidis, D., Bais, A.-F., Koukouli, M.-E. et al.: First time MAX-DOAS observations of tropospheric NO ₂ and HCHO columns in Ioannina, Greece during the PANACEA winter 2020 campaign, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
7	Koukouli, M.-E., Skoulidou, I., Karavias, A. et al.: Sentinel-5P/TROPOMI views abrupt changes in nitrogen dioxide levels over Greece after the outbreak of COVID-19, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
8	Koukouli, M.E., Karagkiozidis, D., Michailidis, K., Siomos, N., Voudouri, K.A., and Mermigkas, M.: Air quality over Thessaloniki Greece revealed by a PANACEA summer and winter observational campaign; an overview, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
9	Meleti, C., Garane, K., Koukouli, M.E., and Balis, D.: Greenhouses and radiative forcing: is our increased need for food the new unknown for future climate scenarios?, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.

10	Mermigkas M., Topaloglou C. , Balis D. and Hase F. : Variability of CO ₂ , CH ₄ and CO column averaged mixing ratios from two years of measurements in Thessaloniki, Greece, using a portable EM27/SUN FTIR spectrometer, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
11	Pseftogkas, A., Koukouli, M.-E., Skoulidou, I. et al.: Comparison of inferred S5P/TROPOMI NO ₂ surface concentrations with in situ measurements over Central Europe, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
12	Pseftogkas, A., Koukouli, M.-E., Skoulidou, I. et al.: A comprehensive analysis of shipping emissions over the Mediterranean and Black Sea regions, 16th IGAC Science Conference, online, September, 2021.
13	Skoulidou, I., Koukouli, M.-E., Manders, A. et al.: Evaluation of the LOTOS-EUROS NO ₂ simulations using ground-based measurements and S5P/TROPOMI observations over Greece, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
14	Skoulidou, I., Koukouli, M.-E., Segers, A. et al., Updated power plant NO ₂ emissions in Greece from LOTOS-EUROS model simulations and Sentinel-5P/TROPOMI observations, 15th International Conference on Meteorology, Climatology and Atmospheric Physics, Ioannina, Greece, 26-29 September, 2021.
15	Skoulidou, I., Koukouli, M-E., Segers, A., Manders, A., Balis, D., Stavrakou, T., Geffen, J., and Eskes, H.:Strong Decline In Power Plant NOx Emissions Sensed By S5P/TROPOMI