Agnes BORBON

Laboratoire de Météorologie Physique de Clermont Auvergne(https://lamp.uca.fr/le-laboratoire/qui-sommes-nous)

Coordonnées

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Mail

Agnes.BORBON@uca.fr(mailto:Agnes%2EBORBON%40uca%2Efr)

Discipline(s) enseignée(s)

- Emissions des polluants atmosphériques

Thèmes de recherche

- Chimie atmosphérique
- Source et devenir du carbone organique gazeux troposphérique
- Mesures in situ et campagnes de terrain

Corps

Chargée de rechercher au CNRS

Informations complémentaires

Publications HAL de Agnes,BORBON de la collection PRES_CLERMONT

2025

titre

Development of Miniaturized Autonomous and Versatile Gas Chromatograph for Volatile Organic Compounds monitoring using Nano-Gravimetric-Detector.(https://hal.science/hal-04868522v2)

auteur

Malak Rizk-Bigourd, Cécile Gaimoz, Eric Colinet, Jean-Pierre Pineau, Vincent Guerrini, Vivien Tranier, Fabrice Bertrand, David Coscia, Anaïs Feron, Michel Cabane, Cyril Szopa, Patrice Coll, Agnès Borbon, François Ravetta

article

Journal of Chromatography Open, 2025, 7 (100202), 10.1016/j.jcoa.2024.100202(https://dx.doi.org/10.1016/j.jcoa.2024.100202)

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Journal articles

DOI

DOI : 10.1016/j.jcoa.2024.100202(https://dx.doi.org/10.1016/j.jcoa.2024.100202)

Accès au texte intégral et bibtex

(https://hal.science/hal-04868522/file/1-s2.0-S2772391724000896-main.pdf) (https://hal.science/hal-04868522v2/bibtex)

2024

titre

Unveiling the organic chemical composition and sources of organic carbon in PM2.5 at an urban site in Greater Cairo (Egypt): A comprehensive analysis of primary and secondary compounds(https://hal.science/hal-04740326v1)

auteur

Eliane Farah, Marc Fadel, Gihane Mansour, Nansi Fakhri, Salwa K Hassan, Mohamed Boraiy, Mostafa El-Nazer, Ali Wheida, Magdy Abdelwahab, Konstantina Oikonomou, Stéphane Sauvage, Agnès Borbon, Jean Sciare, Dominique Courcot, Frédéric Ledoux, Charbel Afif

article

Environmental Research, 2024, 263 (Part 2), pp.120118. 10.1016/j.envres.2024.120118(https://dx.doi.org/10.1016/j.envres.2024.120118)

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DOI : 10.1016/j.envres.2024.120118(https://dx.doi.org/10.1016/j.envres.2024.120118)

Accès au bibtex

(https://hal.science/hal-04740326v1/bibtex)

titre

Measurement Campaign RACLET -Exploring the Composition and Reactivity of Organic Matter in Cloud Conditions(https://uca.hal.science/hal-04793580v1)

auteur

Junteng Wu, Angelica Bianco, Agnès Borbon, Laurent Deguillaume, Evelyn Freney, Pierre Amato, Jean-Luc Baray, Aurélie Colomb, Marie Monier, Clémence Rose, Etienne Brugere, Laëtitia Bouvier, Régis Dupuy, Patrick Fréville, Jean-Marc Pichon, Mickael Ribeiro, Philippe Cacault, Antoine Canzi, Léa Dupont, Frederic Mathonat, Pauline Nibert, Frederic Peyrin, Ryan Puyd'Homme, Yi Wu

article

8th Sino-French Joint Workshop on Atmospheric Environment, Nov 2024, Bordeaux (Gironde), France

typdoc

Poster communications

Accès au texte intégral et bibtex

(https://uca.hal.science/hal-04793580/file/8th%20sino%20french%20workshop%20Bordeaux%20RACLET%20poster.pdf) (https://uca.hal.science/hal-04793580v1/bibtex)

titre

Characterization of PM2.5 emissions from on-road vehicles in the tunnel of a major Middle Eastern city(https://hal.science/hal-04775086v1)

auteur

Nansi Fakhri, Marc Fadel, Charbel Abdallah, Cyril Karam, Minas Iakovides, Konstantina Oikonomou, Paola Formenti, Jean-François Doussin, Agnès Borbon, Jean Sciare, Patrick L Hayes, Charbel Afif

article

Environmental Pollution, 2024, 361, pp.124769. 10.1016/j.envpol.2024.124769(https://dx.doi.org/10.1016/j.envpol.2024.124769)

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DOI : 10.1016/j.envpol.2024.124769(https://dx.doi.org/10.1016/j.envpol.2024.124769)

Accès au bibtex

(https://hal.science/hal-04775086v1/bibtex)

titre

Composition and chemical processing of volatile organic compounds in boundary layer polluted plumes: Insights from an airborne Q-PTR-MS on-board the French ATR-42 aircraft(https://hal.science/hal-04586267v1)

auteur

Pamela Dominutti, Baye T. P. Thera, Aurélie Colomb, Agnès Borbon

article

Science of the Total Environment, 2024, 941, pp.173311. 10.1016/j.scitotenv.2024.173311(https://dx.doi.org/10.1016/j.scitotenv.2024.173311)

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DOI : 10.1016/j.scitotenv.2024.173311(https://dx.doi.org/10.1016/j.scitotenv.2024.173311)

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(https://hal.science/hal-04586267/file/1-s2.0-S0048969724034582-main.pdf) (https://hal.science/hal-04586267v1/bibtex)

titre

Continuous Variation Of VOCs In A Forest Conservation Area: The Pollution In São Paulo Influenced By Biogenic And Anthropogenic Emissions.(https://hal.science/hal-04777648v1)

auteur

Weixin Xian, Pauline Fombelle, Junteng Wu, Aurélie Colomb, Etienne Brugere, Manon Rocco, Michael Staudt, Adrien Gandolfo, Daniel C. Zacharias, Amauri Pereira, Adalgiza Fornaro, Agnès Borbon

article

the 6th SINO-FRENCH WORKSHOP, The International Associated Laboratory of Environmental Processes and Remediation (IAL – LEPR), Jul 2024, Clermont - Ferrand, France

typdoc

Conference papers

Accès au bibtex

(https://hal.science/hal-04777648v1/bibtex)

titre

Surface energy balance in a suburban area of the megacity of São Paulo - Seasonal variation and closure(https://hal.science/hal-04968671v1)

auteur

Mauricio Jonas Ferreira, Amauri Pereira de Oliveira, Lucas Cardoso da Silveira, Georgia Codato, Adalgiza Fornaro, Agnès Borbon

article

Urban Climate, 2024, 56, pp.102008. 10.1016/j.uclim.2024.102008(https://dx.doi.org/10.1016/j.uclim.2024.102008)

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DOI

DOI : 10.1016/j.uclim.2024.102008(https://dx.doi.org/10.1016/j.uclim.2024.102008)

Accès au bibtex

(https://hal.science/hal-04968671v1/bibtex)

titre

Investigating the industrial origin of terpenoids in a coastal city in northern France: A source apportionment combining anthropogenic, biogenic, and oxygenated VOC(https://hal.science/hal-04550559v1)

auteur

Mariana Farhat, Agnès Borbon, Charbel Afif, Shouwen Zhang, Sébastien Dusanter, Hervé Delbarre, Véronique Riffault, Stéphane Sauvage

article

Science of the Total Environment, 2024, 928, pp.172098. 10.1016/j.scitotenv.2024.172098(https://dx.doi.org/10.1016/j.scitotenv.2024.172098)

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DOI : 10.1016/j.scitotenv.2024.172098(https://dx.doi.org/10.1016/j.scitotenv.2024.172098)

Accès au bibtex

(https://hal.science/hal-04550559v1/bibtex)

titre

Emissions and chemistry of industrial and non-industrial anthropogenic terpenoids by combining worldwide urban VOC databases over the last decade: insights from the DATAbASE project(https://hal.science/hal-04637235v1)

auteur

M. Farhat, C. Afif, L. Deguillaume, Hervé Delbarre, S. Dusanter, L. Pailler, Véronique Riffault, S. Sauvage, S. Zhang, Agnès Borbon

article

ACTRIS Science Conference, ACTRIS, May 2024, Rennes, France

typdoc

Conference papers

Accès au bibtex

(https://hal.science/hal-04637235v1/bibtex)

titre

VELVET: an enclosure vegetation system to measure BVOC emission fingerprints in temperate and tropical climates(https://amu.hal.science/hal-04578994v1)

auteur

Manon Rocco, Etienne Brugere, Olivier Magand, Agnès Borbon, Aurélie Colomb, Laëtitia Bouvier, Jean-Luc Baray, Valentin Duflot, Mickaël Ribeiro, David Picard, Jean-Marc Metzger, Pierre Stamenoff, Yoann Benoit, Claudine Ah-Peng

article

Frontiers in Environmental Science, 2024, 12, 10.3389/fenvs.2024.1372931(https://dx.doi.org/10.3389/fenvs.2024.1372931)

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Journal articles

DOI

DOI : 10.3389/fenvs.2024.1372931(https://dx.doi.org/10.3389/fenvs.2024.1372931)

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(https://amu.hal.science/hal-04578994/file/fenvs-12-1372931.pdf) (https://amu.hal.science/hal-04578994v1/bibtex)

titre

Characterization of semi-volatile organic species in the particulate and gaseous phases in São Paulo, Brazil, and in the vicinity of Paris, France(https://hal.science/hal-04494086v1)

auteur

Olatunde Murana, Sébastien Dusanter, Marina Jamar, Samara Carbone, Lucas Chiari, Adalgiza Fornaro, Agnès Borbon, Christopher Cantrell, Manuela Cirtog, Vincent Michoud, Véronique Riffault, Joel F. de Brito

article

EGU General Assembly 2024, Apr 2024, Vienna, Austria. (https://meetingorganizer.copernicus.org/EGU24/EGU24-6109.html), 10.5194/egusphere-egu24-6109(https://dx.doi.org/10.5194/egusphere-egu24-6109)

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Poster communications

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DOI : 10.5194/egusphere-egu24-6109(https://dx.doi.org/10.5194/egusphere-egu24-6109)

Accès au bibtex

(https://hal.science/hal-04494086v1/bibtex)

titre

Measurement Report: Bio-physicochemistry of tropical clouds at Maïdo (Réunion Island, Indian Ocean): overview of results from the BIO-MAÏDO campaign(https://hal.science/hal-04135443v4)

auteur

Maud Leriche, Pierre Tulet, Laurent Deguillaume, Frédéric Burnet, Aurélie Colomb, Agnès Borbon, Corinne Jambert, Valentin Duflot, Stéphan Houdier, Jean-Luc Jaffrezo, Mickaël Vaïtilingom, Camille Mouchel-Vallon, Pamela Dominutti, Manon Rocco, Samira El Gdachi, Maxence Brissy, Maroua Fathalli, Nicolas Maury, Bert Verreyken, Crist Amelynck, Niels Schoon, Valérie Gros, Jean-Marc Pichon, Mickaël Ribeiro, Eric Pique, Emmanuel Leclerc, Thierry Bourrianne, Axel Roy, Eric Moulin, Joël Barrié, Jean-Marc Metzger, Guillaume Péris, Christian Guadagno, Chatrapatty Bhugwant, Jean-Mathieu Tibere, Arnaud Tournigand, Evelyn Freney, Karine Sellegri, Anne-Marie Delort, Pierre Amato, Muriel Joly, Jean-Luc Baray, Pascal Renard, Angelica Bianco, Anne Réchou, Guillaume Payen

article

Atmospheric Chemistry and Physics, 2024, 24, pp.4129-4155. 10.5194/acp-24-4129-2024(https://dx.doi.org/10.5194/acp-24-4129-2024)

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DOI : 10.5194/acp-24-4129-2024(https://dx.doi.org/10.5194/acp-24-4129-2024)

Accès au texte intégral et bibtex

(https://hal.science/hal-04135443/file/acp-24-4129-2024.pdf) (https://hal.science/hal-04135443v4/bibtex)

titre

Light oxygenated volatile organic compound concentrations in an Eastern Mediterranean urban atmosphere rivalling those in megacities(https://hal.science/hal-04552396v1)

auteur

Agnès Borbon, Thérèse Salameh, Stéphane Sauvage, Charbel Afif

article

Environmental Pollution, 2024, 350, pp.123797. 10.1016/j.envpol.2024.123797(https://dx.doi.org/10.1016/j.envpol.2024.123797)

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Journal articles

DOI

DOI : 10.1016/j.envpol.2024.123797(https://dx.doi.org/10.1016/j.envpol.2024.123797)

Accès au bibtex

(https://hal.science/hal-04552396v1/bibtex)

2023

titre

Do Anthropogenic Terpenoids mAtter in Atmospheric Chemistry?: highlights from the DATAbASE project(https://hal.science/hal-04494186v1)

auteur

Mariana Farhat, Charbel Afif, Laurent Deguillaume, Hervé Delbarre, Sébastien Dusanter, Véronique Riffault, Lucas Pailler, Stephane Sauvage, Shouwen Zhang, Agnès Borbon

article

American Geophysical Union (AGU) General Assembly 2023, Dec 2023, San Francisco (CA), United States

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Conference papers

Accès au bibtex

(https://hal.science/hal-04494186v1/bibtex)

titre

Speciation of the PM2.5 carbonaceous fraction in an urban site in Greater Cairo Area(https://ulco.hal.science/hal-04388467v1)

auteur

Eliane Farah, Marc Fadel, Nansi Fakhry, Aliki Christodoulou, Sypros Bezantakos, Iasonas Stavroulas, Michael Pikridas, Konstantina Oikonomou, Salwa Hassan, Mohamed Boraiy, Mostafa El Nazer, Ali Wheida, Magdy Abdelwahab, Agnès Borbon, Stephane Sauvage, Jean Sciare, Dominique Courcot, Frédéric Ledoux, Charbel Afif

article

Third annual online scientific workshop – Climate and atmosphere research and innovation in the Eastern Mediterranean and Middle East, The Cyprus Institute, Nov 2023, Online, Cyprus

typdoc

Conference papers

Accès au bibtex

(https://ulco.hal.science/hal-04388467v1/bibtex)

titre

A interação entre emissões de vegetação e humana e seu efeito na qualidade do ar em São Paulo em um contexto de mudanças climáticas(https://hal.science/hal-04146479v1)

auteur

Joel Ferreira de Brito, Amauri Oliveira, Michael Staudt, Silvia Souza, Jean-Luc Jaffrezo, Rita Yuri Ynoue, Agnès Borbon, Adalgiza Fornaro

article

VIIe Dialogues francolusophones : Villes en temps de crises démocratiques et climatiques, Jun 2023, Paris, France

typdoc

Conference papers

Accès au bibtex

(https://hal.science/hal-04146479v1/bibtex)

titre

Overview of CHARON-PTRMS deployment during the ACROSS campaign(https://hal.science/hal-04251718v1)

auteur

Olatunde Murana, Carolina Ramirez, Marina Jamar, Véronique Riffault, Sébastien Dusanter, Joel F. De Brito, Marwa Shahin, Barbara d'Anna, Julien Kammer, Etienne Brugere, Evelyn Freney, Aurélie Colomb, Junteng Wu, Agnès Borbon

article

Workshop ACTRIS-FR, May 2023, Aussois, France

typdoc

Conference papers

Accès au bibtex

(https://hal.science/hal-04251718v1/bibtex)

titre

Comparing Urban Anthropogenic NMVOC Measurements With Representation in Emission Inventories—A Global Perspective(https://hal.science/hal-04629412v1)

auteur

Erika von Schneidemesser, Brian C Mcdonald, Hugo Denier van der Gon, Monica Crippa, Diego Guizzardi, Agnès Borbon, Pamela Dominutti, Ganlin Huang, Greet Jansensmaenhout, Meng Li, Changfeng Ouyang, Shelby Tisinai, Jialin Wang

article

Journal of Geophysical Research: Atmospheres, 2023, 128 (8), 10.1029/2022jd037906(https://dx.doi.org/10.1029/2022jd037906)

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Journal articles

DOI

DOI : 10.1029/2022jd037906(https://dx.doi.org/10.1029/2022jd037906)

Accès au texte intégral et bibtex

(https://hal.science/hal-04629412/file/vonSchneidemesser_NMHC_EI_2023.pdf) (https://hal.science/hal-04629412v1/bibtex)

titre

Forest fire plumes in the Paris region (France) during summer 2022, the spoor of a schorching summer(https://hal.science/hal-04223896v1)

auteur

Jean-Eudes Petit, Valérie Gros, Olivier Favez, Leila Simon, Carmen Kalalian, Etienne Brugère, Agnès Borbon, Jean-Charles Dupont, Grégory Abbou, Véronique Ghersi, Vincent Michoud, Claudia Di Biagio, Paola Formenti, Christopher Cantrell, Aline Gration, Joel F. de Brito, Sébastien Dusanter, Marina Jamar, Martial Haeffelin

article

EGU 2023 - The 25th European Geosciences Union General Assembly 2023, Apr 2023, Vienne, Austria. (https://egu23.eu/)

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Poster communications

Accès au bibtex

(https://hal.science/hal-04223896v1/bibtex)

titre

Ubiquity of anthropogenic terpenoids in cities worldwide: Emission ratios, emission quantification and implications for urban atmospheric chemistry(https://hal.science/hal-04030509v1)

auteur

Agnès Borbon, Pamela Dominutti, Anastasia Panopoulou, Valérie Gros, Stéphane Sauvage, Mariana Farhat, Charbel Afif, Nellie Elguindi, Adalgiza Fornaro, Claire Granier, James R Hopkins, Eleni Liakakou, Thiago Nogueira, Tailine Corrêa dos Santos, Thérèse Salameh, Alexandre Armangaud, Damien Piga, Olivier Perrussel

article

Journal of Geophysical Research: Atmospheres, 2023, 128 (7), pp.e2022JD037566. 10.1029/2022jd037566(https://dx.doi.org/10.1029/2022jd037566)

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Journal articles

DOI

DOI : 10.1029/2022jd037566(https://dx.doi.org/10.1029/2022jd037566)

Accès au texte intégral et bibtex

(https://hal.science/hal-04030509/file/JGR%20Atmospheres%20-%202023%20-%20Borbon%20-%20Ubiquity%20of%20anthropogenic%20terpenoids%20in%20cities%20worldwide%20Emission%20ratios%20emission.pdf) (https://hal.science/hal-04030509v1/bibtex)

titre

Temporal trend of diarrhea morbidity rate with climate change: Egypt as a case study(https://hal.u-pec.fr/hal-04256524v1)

auteur

Amal Saad-Hussein, Mona Adel Helmy, Lamia Samir Ellaithy, Ali Wheida, Mostafa El Nazer, Stephane Alfaro, Guillaume Siour, Agnès Borbon, Mohamed Magdy Abdel Wahab, Amira Mostafa

article

Environmental Science and Pollution Research, 2023, 30 (2), pp.5059-5075. 10.1007/s11356-022-22431-z(https://dx.doi.org/10.1007/s11356-022-22431-z)

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DOI : 10.1007/s11356-022-22431-z(https://dx.doi.org/10.1007/s11356-022-22431-z)

Accès au texte intégral et bibtex

(https://hal.u-pec.fr/hal-04256524/file/s11356-022-22431-z.pdf) (https://hal.u-pec.fr/hal-04256524v1/bibtex)

2022

titre

Evaluation of the Sources, Precursors, and Processing of Aerosols at a High-Altitude Tropical Site(https://hal.science/hal-03777980v1)

auteur

Pamela Dominutti, Emmanuel Chevassus, Jean-Luc Baray, Jean-Luc Jaffrezo, Agnès Borbon, Aurélie Colomb, Laurent Deguillaume, Samira El Gdachi, Stephan Houdier, Maud Leriche, Jean-Marc Metzger, Manon Rocco, Pierre Tulet, Karine Sellegri, Evelyn Freney

article

ACS Earth and Space Chemistry, 2022, 10.1021/acsearthspacechem.2c00149(https://dx.doi.org/10.1021/acsearthspacechem.2c00149)

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Journal articles

DOI

DOI : 10.1021/acsearthspacechem.2c00149(https://dx.doi.org/10.1021/acsearthspacechem.2c00149)

Accès au texte intégral et bibtex

(https://hal.science/hal-03777980/file/acsearthspacechem.2c00149.pdf) (https://hal.science/hal-03777980v1/bibtex)

titre

Summary of Recent Progress and Recommendations for Future Research Regarding Air Pollution Sources, Processes, and Impacts in the Mediterranean Region(https://hal.science/hal-03845274v1)

auteur

François Dulac, Eric Hamonou, Stéphane Sauvage, Maria Kanakidou, Matthias Beekmann, Karine Desboeufs, Paola Formenti, Silvia Becagli, Claudia Di Biagio, Agnès Borbon, Cyrielle Denjean, François Gheusi, Valérie Gros, Cécile Guieu, Wolfgang Junkermann, Nikolaos Kalivitis, Benoît Laurent, Marc Mallet, Vincent Michoud, Pierre Nabat, Karine Sartelet, Karine Sellegri

article

Atmospheric Chemistry in the Mediterranean Region, Springer International Publishing, pp.543-571, 2022, 10.1007/978-3-030-82385-6_25(https://dx.doi.org/10.1007/978-3-030-82385-6_25)

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Book sections

DOI

DOI : 10.1007/978-3-030-82385-6_25(https://dx.doi.org/10.1007/978-3-030-82385-6_25)

Accès au bibtex

(https://hal.science/hal-03845274v1/bibtex)

titre

High Resolution Dynamical Analysis of Volatile Organic Compounds (VOC) Measurements During the BIOMAÏDO Field Campaign (Réunion Island, Indian Ocean)(https://hal.science/hal-03566407v1)

auteur

Manon Rocco, Jean-Luc Baray, Aurélie Colomb, Agnès Borbon, Pamela Dominutti, Pierre Tulet, Crist Amelynck, Niels Schoon, Bert Verreyken, Valentin Duflot, Valérie Gros, Roland Sarda-Estève, Guillaume Péris, Christian Guadagno, Maud Leriche

article

Journal of Geophysical Research: Atmospheres, 2022, 127 (4), pp.e2021JD035570. 10.1029/2021jd035570(https://dx.doi.org/10.1029/2021jd035570)

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DOI

DOI : 10.1029/2021jd035570(https://dx.doi.org/10.1029/2021jd035570)

Accès au texte intégral et bibtex

(https://hal.science/hal-03566407/file/JGR%20Atmospheres%20-%202022%20-%20Rocco%20-%20High%20Resolution%20Dynamical%20Analysis%20of%20Volatile%20Organic%20Compounds%20VOC%20Measurements%20During.pdf) (https://hal.science/hal-03566407v1/bibtex)

titre

Isoprene in urban Atlantic forests: Variability, origin, and implications on the air quality of a subtropical megacity(https://hal.science/hal-03574638v1)

auteur

Tailine dos Santos, Pamela Dominutti, Giselle Pedrosa, Monique Coelho, Thiago Nogueira, Agnès Borbon, Silvia Souza, Adalgiza Fornaro

article

Science of the Total Environment, 2022, pp.153728. 10.1016/j.scitotenv.2022.153728(https://dx.doi.org/10.1016/j.scitotenv.2022.153728)

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DOI : 10.1016/j.scitotenv.2022.153728(https://dx.doi.org/10.1016/j.scitotenv.2022.153728)

Accès au bibtex

(https://hal.science/hal-03574638v1/bibtex)

titre

O3–NOy photochemistry in boundary layer polluted plumes: insights from the MEGAPOLI (Paris), ChArMEx/SAFMED (North West Mediterranean) and DACCIWA (southern West Africa) aircraft campaigns(https://hal.univ-grenoble-alpes.fr/hal-03670986v2)

auteur

Baye Thera, Pamela Dominutti, Aurélie Colomb, Vincent Michoud, Jean-François Doussin, Matthias Beekmann, François Dulac, Karine Sartelet, Agnès Borbon

article

Environmental Science : Atmospheres , 2022, 2 (4), pp.659-686. 10.1039/d1ea00093d(https://dx.doi.org/10.1039/d1ea00093d)

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Journal articles

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DOI : 10.1039/d1ea00093d(https://dx.doi.org/10.1039/d1ea00093d)

Accès au texte intégral et bibtex

(https://hal.univ-grenoble-alpes.fr/hal-03670986/file/d1ea00093d.pdf) (https://hal.univ-grenoble-alpes.fr/hal-03670986v2/bibtex)

titre

Insights into tropical cloud chemistry in Réunion (Indian Ocean): results from the BIO-MAÏDO campaign(https://uca.hal.science/hal-03543373v1)

auteur

Pamela Dominutti, Pascal Renard, Mickaël Vaïtilingom, Angelica Bianco, Jean-Luc Baray, Agnès Borbon, Thierry Bourrianne, Frédéric Burnet, Aurélie Colomb, Anne-Marie Delort, Valentin Duflot, Stephan Houdier, Jean-Luc Jaffrezo, Muriel Joly, Martin Leremboure, Jean-Marc Metzger, Jean-Marc Pichon, Mickaël Ribeiro, Manon Rocco, Pierre Tulet, Anthony Vella, Maud Leriche, Laurent Deguillaume

article

Atmospheric Chemistry and Physics, 2022, 22 (1), pp.505-533. 10.5194/acp-22-505-2022(https://dx.doi.org/10.5194/acp-22-505-2022)

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Accès au texte intégral et bibtex

(https://uca.hal.science/hal-03543373/file/acp-22-505-2022.pdf) (https://uca.hal.science/hal-03543373v1/bibtex)

2021

titre

Highlighting the industrial origin of terpenoids in a coastal city in northern France : a source-apportionment approach of Volatile Organic Compounds (VOCs)(https://hal.science/hal-04151476v1)

auteur

Mariana Farhat, Charbel Afif, Pamela Dominutti, Hervé Delbarre, Sébastien Dusanter, Véronique Riffault, Stephane Sauvage, Shouwen Zhang, Agnès Borbon

article

AGU Fall meeting 2021, Dec 2021, New Orleans (LA), United States

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Poster communications

Accès au bibtex

(https://hal.science/hal-04151476v1/bibtex)

titre

Insights into tropical cloud chemistry at Reunion Island (Indian Ocean): results from the BIO-MAÏDO campaign(https://uca.hal.science/hal-03409642v1)

auteur

Pamela Dominutti, Pascal Renard, Mickaël Vaïtilingom, Angelica Bianco, Jean-Luc Baray, Agnès Borbon, Thierry Bourrianne, Frédéric Burnet, Aurélie Colomb, Anne-Marie Delort, Valentin Duflot, Stephan Houdier, Jean-Luc Jaffrezo, Muriel Joly, Martin Leremboure, Jean-Marc Metzger, Jean-Marc Pichon, Mickaël Ribeiro, Manon Rocco, Pierre Tulet, Anthony Vella, Maud Leriche, Laurent Deguillaume

article

2021

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Preprints, Working Papers, ...

DOI

DOI : 10.5194/acp-2021-518(https://dx.doi.org/10.5194/acp-2021-518)

Accès au texte intégral et bibtex

(https://uca.hal.science/hal-03409642/file/acp-2021-518.pdf) (https://uca.hal.science/hal-03409642v1/bibtex)

2020

titre

Cézeaux-Aulnat-Opme-Puy De Dôme: a multi-site for the long-term survey of the tropospheric composition and climate change(https://hal.science/hal-02883526v1)

auteur

Jean-Luc Baray, Laurent Deguillaume, Aurélie Colomb, Karine Sellegri, Evelyn Freney, Clémence Rose, Joël van Baelen, Jean-Marc Pichon, David Picard, Patrick Fréville, Laëtitia Bouvier, Mickaël Ribeiro, Pierre Amato, Sandra Banson, Angelica Bianco, Agnès Borbon, Lauréline Bourcier, Yannick Bras, Marcello Brigante, Philippe Cacault, Aurélien Chauvigné, Tiffany Charbouillot, Nadine Chaumerliac, Anne-Marie Delort, Marc Delmotte, Régis Dupuy, Antoine Farah, Guy Febvre, Andrea Flossmann, Christophe Gourbeyre, Claude Hervier, Maxime Hervo, Nathalie Huret, Muriel Mourguy Joly, Victor Kazan, Morgan Lopez, Gilles Mailhot, Angela Marinoni, Olivier Masson, Nadège Montoux, Marius Parazols, Frederic Peyrin, Yves Pointin, Michel Ramonet, Manon Rocco, Martine Sancelme, Stéphane Sauvage, Martina Schmidt, Emmanuel Tison, Mickaël Vaitilingom, Paolo Villani, Miao Wang, Camille Yver-Kwok, Paolo Laj

article

Atmospheric Measurement Techniques, 2020, 13 (6), pp.3413-3445. 10.5194/amt-13-3413-2020(https://dx.doi.org/10.5194/amt-13-3413-2020)

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(https://hal.science/hal-02883526/file/amt-13-3413-2020.pdf) (https://hal.science/hal-02883526v1/bibtex)

titre

Determination of gaseous and particulate emission factors from road transport in a Middle Eastern capital(https://hal.science/hal-02913603v1)

auteur

Charbel Abdallah, C. Afif, S. Sauvage, Agnès Borbon, T. Salameh, A. Kfoury, T. Leonardis, C. Karam, P. Formenti, J.F. Doussin, N. Locoge, K. Sartelet

article

Transportation Research Part D: Transport and Environment, 2020, 83, pp.102361. 10.1016/j.trd.2020.102361(https://dx.doi.org/10.1016/j.trd.2020.102361)

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DOI : 10.1016/j.trd.2020.102361(https://dx.doi.org/10.1016/j.trd.2020.102361)

Accès au bibtex

(https://hal.science/hal-02913603v1/bibtex)

titre

One decade of VOCs measurements in São Paulo megacity: Composition, variability, and emission evaluation in a biofuel usage context(https://hal.science/hal-02796239v1)

auteur

Pamela Dominutti, Thiago Nogueira, Adalgiza Fornaro, Agnès Borbon

article

Science of the Total Environment, 2020, pp.139790. 10.1016/j.scitotenv.2020.139790(https://dx.doi.org/10.1016/j.scitotenv.2020.139790)

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Accès au texte intégral et bibtex

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titre

Anthropogenic and biogenic hydrophobic VOCs detected in clouds at the puy de Dôme station using Stir Bar Sorptive Extraction: Deviation from the Henry's law prediction(https://uca.hal.science/hal-02454050v1)

auteur

Miao Wang, Hélène Perroux, Jennifer Fleuret, Angelica Bianco, Laëtitia Bouvier, Aurélie Colomb, Agnès Borbon, Laurent Deguillaume

article

Atmospheric Research, 2020, 237, pp.104844. 10.1016/j.atmosres.2020.104844(https://dx.doi.org/10.1016/j.atmosres.2020.104844)

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DOI : 10.1016/j.atmosres.2020.104844(https://dx.doi.org/10.1016/j.atmosres.2020.104844)

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(https://uca.hal.science/hal-02454050/file/1-s2.0-S0169809519308506-main.pdf) (https://uca.hal.science/hal-02454050v1/bibtex)

titre

Analysis of volatile organic compounds during the OCTAVE campaign: sources and distributions of formaldehyde on Reunion Island(https://hal.science/hal-02456442v1)

auteur

Manon Rocco, Aurélie Colomb, Jean-Luc Baray, Crist Amelynck, Bert Verreyken, Agnès Borbon, Jean-Marc Pichon, Laëtitia Bouvier, Niels Schoon, Valérie Gros, Roland Sarda-Estève, Pierre Tulet, Jean-Marc Metzger, Valentin Duflot, Christian Guadagno, Guillaume Peris, Jérôme Brioude

article

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DOI : 10.3390/atmos11020140(https://dx.doi.org/10.3390/atmos11020140)

Accès au texte intégral et bibtex

(https://hal.science/hal-02456442/file/atmosphere-11-00140.pdf) (https://hal.science/hal-02456442v1/bibtex)

2019

titre

Past (1950–2017) and future (2100) temperature and precipitation trends in Egypt(https://uca.hal.science/hal-02311560v1)

auteur

Amira N. Mostafa, Ali Wheida, Mostafa El Nazer, Mona Adel, Lamia El Leithy, Guillaume Siour, Adriana Coman, Agnès Borbon, Abel Wahab Magdy, Mohamed Omar, Amal Saad-Hussein, Stéphane Alfaro

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(https://uca.hal.science/hal-02311560/file/2019%20Mostafa%20et%20al%20Egyptian%20Climate%202019.pdf) (https://uca.hal.science/hal-02311560v1/bibtex)

titre

LE CARBONE ORGANIQUE GAZEUX TROPOSPHERIQUE : COMPOSITION, SOURCES ET DEVENIR(https://uca.hal.science/tel-02183302v1)

auteur

Agnès Borbon

article

Océan, Atmosphère. Université Clermont-Auvergne, 2019

typdoc

Habilitation à diriger des recherches

Accès au texte intégral et bibtex

(https://uca.hal.science/tel-02183302/file/HDR_ABorbon_vf.pdf) (https://uca.hal.science/tel-02183302v1/bibtex)

titre

Composition and variability of gaseous organic pollution in the port megacity of Istanbul: source attribution, emission ratios, and inventory evaluation(https://hal.science/hal-02913580v1)

auteur

Baye T. P. Thera, Pamela Dominutti, Fatma Öztürk, Thérèse Salameh, Stéphane Sauvage, Charbel Afif, Banu Çetin, Cécile Gaimoz, Melek Kele, Stéphanie Evan, Agnès Borbon

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Atmospheric Chemistry and Physics, 2019, 19 (23), pp.15131-15156. 10.5194/acp-19-15131-2019(https://dx.doi.org/10.5194/acp-19-15131-2019)

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Accès au texte intégral et bibtex

(https://hal.science/hal-02913580/file/acp-19-15131-2019.pdf) (https://hal.science/hal-02913580v1/bibtex)

titre

Spatial and temporal variability of BTEX in Paris megacity: Two-wheelers as a major driver(https://uca.hal.science/hal-02311573v1)

auteur

T. Salameh, S. Sauvage, N. Locoge, J. Gauduin, O. Perrussel, Agnès Borbon

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Atmospheric environment: X, 2019, 1, pp.100003. 10.1016/j.aeaoa.2018.100003(https://dx.doi.org/10.1016/j.aeaoa.2018.100003)

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(https://uca.hal.science/hal-02311573/file/Salameh_BTEX_AE_2018.pdf) (https://uca.hal.science/hal-02311573v1/bibtex)

titre

Anthropogenic VOCs in Abidjan, southern West Africa: from source quantification to atmospheric impacts(https://uca.hal.science/hal-02311545v1)

auteur

Pamela Dominutti, Sekou Keita, Julien Bahino, Aurélie Colomb, Cathy Liousse, Véronique Yoboué, Corinne Galy-Lacaux, Eleanor Morris, Laëtitia Bouvier, Stéphane Sauvage, Agnès Borbon

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Atmospheric Chemistry and Physics, 2019, 19 (18), pp.11721-11741. 10.5194/acp-19-11721-2019(https://dx.doi.org/10.5194/acp-19-11721-2019)

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(https://uca.hal.science/hal-02311545/file/Dominutti_acp-19-11721-2019.pdf) (https://uca.hal.science/hal-02311545v1/bibtex)

2018

titre

Emissions and ageing of volatile organic compounds in West-Africa from their airborne observations(https://hal.science/hal-02169484v1)

auteur

Pamela Dominutti, Aurélie Colomb, Joel Brito, Alfons Schwarzenboeck, Claire Reeves, Agnès Borbon

article

European Geosciences Union General Assembly 2018, Apr 2018, Vienne, Austria. pp.2018 - 15749

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Conference papers

Accès au bibtex

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titre

Evaluating the importance of photochemistry within urban plumes in West Africa(https://hal.science/hal-02169476v1)

auteur

Agnès Borbon, Baye T. P. Thera, Pamela Dominutti, Aurélie Colomb, Joël Brito, Alfons Schwarzenboeck

article

European Geosciences Union General Assembly 2018, Apr 2018, Vienne, Austria. (https://www.egu2018.eu/), 20, pp.2018 - 17855, 2018

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Poster communications

Accès au bibtex

(https://hal.science/hal-02169476v1/bibtex)

titre

Is Traffic Still an Important Emitter of Monoaromatic Organic Compounds in European Urban Areas?(https://insu.hal.science/insu-01756486v1)

auteur

Agnès Borbon, Anne Boynard, Thérèse Salameh, Alexia Baudic, Valerie Gros, Julie Gauduin, Olivier Perrussel, Cyril Pallares

article

Environmental Science and Technology, 2018, 52 (2), pp.513 - 521. 10.1021/acs.est.7b01408(https://dx.doi.org/10.1021/acs.est.7b01408)

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titre

Aerosol composition and the contribution of SOA formation over Mediterranean forests(https://hal.science/hal-01806752v1)

auteur

Evelyn Freney, Karine Sellegri, Mounir Chrit, Kouji Adachi, Joël Brito, Antoine Waked, Agnès Borbon, Aurélie Colomb, Régis Dupuy, Jean-Marc Pichon, Laëtitia Bouvier, Claire Delon, Corinne Jambert, Pierre Durand, Thierry Bourianne, Cécile Gaimoz, Sylvain Triquet, Anaïs Féron, Matthias Beekmann, François Dulac, Karine Sartelet

article

Atmospheric Chemistry and Physics, 2018, 18 (10), pp.7041 - 7056. 10.5194/acp-18-7041-2018(https://dx.doi.org/10.5194/acp-18-7041-2018)

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(https://hal.science/hal-01806752/file/acp-18-7041-2018.pdf) (https://hal.science/hal-01806752v1/bibtex)

titre

Particle and VOC emission factor measurements for anthropogenic sources in West Africa(https://hal.science/hal-02169151v1)

auteur

Sekou Keita, Cathy Liousse, Véronique Yoboué, Pamela Dominutti, Benjamin Guinot, Eric-Michel Assamoi, Agnès Borbon, Sophie Haslett, Laëtitia Bouvier, Aurélie Colomb, Hugh Coe, Aristide Akpo, Jacques Adon, Julien Bahino, Madina Doumbia, Julien Djossou, Corinne Galy-Lacaux, Eric Gardrat, Sylvain Gnamien, Jean Leon, Money Ossohou, E. Touré N'Datchoh, Laurent Roblou

article

Atmospheric Chemistry and Physics, 2018, 18 (10), pp.7691-7708. 10.5194/acp-18-7691-2018(https://dx.doi.org/10.5194/acp-18-7691-2018)

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(https://hal.science/hal-02169151/file/acp-18-7691-2018.pdf) (https://hal.science/hal-02169151v1/bibtex)

titre

Assessing the role of anthropogenic and biogenic sources on PM_1 over southern West Africa using aircraft measurements(https://insu.hal.science/insu-01575042v1)

auteur

Joël Brito, Evelyn Freney, Pamela Dominutti, Agnès Borbon, Sophie L. Haslett, Anneke M. Batenburg, Aurélie Colomb, Régis Dupuy, Cyrielle Denjean, Frédéric Burnet, Thierry Bourrianne, Adrien Deroubaix, Karine Sellegri, Stephan Borrmann, Hugh Coe, Cyrille Flamant, Peter Knippertz, Alfons Schwarzenboeck

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Atmospheric Chemistry and Physics, 2018, 18 (2), pp.757-772. 10.5194/acp-18-757-2018(https://dx.doi.org/10.5194/acp-18-757-2018)

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(https://insu.hal.science/insu-01575042/file/acp-18-757-2018.pdf) (https://insu.hal.science/insu-01575042v1/bibtex)

2017

titre

On the impact of anthropogenic emissions on biogenic SOA formation above West Africa: results from DACCIWA aircraft field campaign(https://insu.hal.science/insu-01660685v1)

auteur

Joël Brito, Evelyn Freney, Aurélie Colomb, Régis Dupuy, Jonathan Duplissy, Cyrielle Denjean, Pamela Dominutti, Anneke Batenburg, Sophie Haslett, Christiane Schulz, Thierry Bourrianne,

Frédéric Burnet, Agnès Borbon, Johannes Schneider, Stephan Borrmann, Hugh Coe, Karine Sellegri, Cyrille Flamant, Peter Knippertz, Alfons Schwarzenboeck

article

19th EGU General Assembly, EGU2017, Apr 2017, Vienna, Austria

typdoc

Conference papers

Accès au bibtex

(https://insu.hal.science/insu-01660685v1/bibtex)

titre

Organic carbon at a remote site of the western Mediterranean Basin: sources and chemistry during the ChArMEx SOP2 field experiment(https://hal.science/hal-01584197v1)

auteur

Vincent Michoud, Jean Sciare, Stéphane Sauvage, Sébastien Dusanter, Thierry Léonardis, Valérie Gros, Cerise Kalogridis, Nora Zannoni, Anaïs Féron, Jean-Eudes Petit, Vincent Crenn, Dominique Baisnée, Roland Sarda-Estève, Nicolas Bonnaire, Nicolas Marchand, H. Langley Dewitt, Jorge Pey, Aurélie Colomb, François Gheusi, Sonke Szidat, Iasonas Stavroulas, Agnès Borbon, Nadine Locoge

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Accès au texte intégral et bibtex

(https://hal.science/hal-01584197/file/acp-17-8837-2017.pdf) (https://hal.science/hal-01584197v1/bibtex)

titre

Composition of gaseous organic carbon during ECOCEM in Beirut, Lebanon: new observational constraints for VOC anthropogenic emission evaluation in the Middle East(https://uca.hal.science/hal-02183400v1)

auteur

Thérèse Salameh, Agnès Borbon, Charbel Afif, Stéphane Sauvage, Thierry Leonardis, Cécile Gaimoz, Nadine Locoge

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Atmospheric Chemistry and Physics, 2017, 17 (1), pp.193-209. 10.5194/acp-17-193-2017(https://dx.doi.org/10.5194/acp-17-193-2017)

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(https://uca.hal.science/hal-02183400/file/Salameh_acp-17-193-2017.pdf) (https://uca.hal.science/hal-02183400v1/bibtex)

2016

titre

The application of long-term observations of NO_x and CO to constrain a global emissions inventory(https://insu.hal.science/insu-01388174v1)

auteur

Birgit Hassler, Brian C. Mcdonald, Agnès Borbon, Kevin Civerolo, Claire Granier, Gregory J. Frost, Paul S. Monks, Sarah Monks, David D. Parrish, Ilana B. Pollack, Karen H. Rosenlof, Michael K. Trainer, Erika von Schneidemesser, Thomas B. Ryerson

article

IGAC 2016 Science Conference (International Global Atmospheric Chemistry), Sep 2016, Breckenridge, United States

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Conference papers

Accès au bibtex

(https://insu.hal.science/insu-01388174v1/bibtex)

titre

Safire : des avions au service de la recherche en environnement(https://hal.science/hal-01980999v1)

auteur

Caroline Lamorthe, Agnès Borbon, Alfons Schwarzenboeck, Jean-Christophe Canonici

article

La Météorologie, 2016, 8 (93), pp.30

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Journal articles

Accès au texte intégral et bibtex

(https://hal.science/hal-01980999/file/meteo_2016_93_30.pdf) (https://hal.science/hal-01980999v1/bibtex)

titre

Multi-year levels and trends of non-methane hydrocarbon concentrations observed in ambient air in France(https://insu.hal.science/insu-03710553v1)

auteur

Antoine Waked, Stéphane Sauvage, Agnès Borbon, Julie Gauduin, Cyril Pallares, Marie-Pierre Vagnot, Thierry Léonardis, Nadine Locoge

article

Atmospheric Environment, 2016, 141, pp.263-275. 10.1016/j.atmosenv.2016.06.059(https://dx.doi.org/10.1016/j.atmosenv.2016.06.059)

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Accès au bibtex

(https://insu.hal.science/insu-03710553v1/bibtex)

titre

Source apportionment vs. emission inventories of non-methane hydrocarbons (NMHC) in an urban area of the Middle East: local and global perspectives(https://uca.hal.science/hal-02314896v1)

auteur

Thérèse Salameh, Stéphane Sauvage, Charbel Afif, Agnès Borbon, Nadine Locoge

article

Atmospheric Chemistry and Physics, 2016, 16 (5), pp.3595-3607. 10.5194/acp-16-3595-2016(https://dx.doi.org/10.5194/acp-16-3595-2016)

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(https://uca.hal.science/hal-02314896/file/Salameh_acp-16-3595-2016.pdf) (https://uca.hal.science/hal-02314896v1/bibtex)

titre

Analysis of long-term observations of NO_x and CO in megacities and application to constraining emissions inventories(https://insu.hal.science/insu-01371221v1)

auteur

Birgit Hassler, Brian C. Mcdonald, Gregory J. Frost, Agnès Borbon, David C. Carslaw, Kevin Civerolo, Claire Granier, Paul S. Monks, Sarah Monks, David D. Parrish, Ilana B. Pollack, Karen Rosenlof, Thomas B. Ryerson, Erika von Schneidemesser, Michael Trainer

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Geophysical Research Letters, 2016, 43 (18), pp.9920-9930. 10.1002/2016GL069894(https://dx.doi.org/10.1002/2016GL069894)

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2015

titre

Strong HONO formation in a suburban site during snowy days(https://insu.hal.science/insu-01207077v1)

auteur

Vincent Michoud, Jean-François Doussin, Aurélie Colomb, Charbel Afif, Agnès Borbon, Marie Camredon, Bernard Aumont, Michel Legrand, Matthias Beekmann

article

Atmospheric environment, 2015, 116, pp.155-158. 10.1016/j.atmosenv.2015.06.040(https://dx.doi.org/10.1016/j.atmosenv.2015.06.040)

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(https://insu.hal.science/insu-01207077/file/michoud2015.pdf) (https://insu.hal.science/insu-01207077v1/bibtex)

titre

In situ, satellite measurement and model evidence on the dominant regional contribution to fine particulate matter levels in the Paris megacity(https://insu.hal.science/insu-01285053v1)

auteur

Matthias Beekmann, A.S.H. Prévôt, F Drewnick, J Sciare, N Pandis, Hugo Denier van der Gon, M Crippa, F Freutel, L Poulain, V. Ghersi, E Rodriguez, S Beirle, Peter Zotter, S.-L von Der Weiden-Reinmüller, M Bressi, C Fountoukis, Hervé Petetin, Sönke Szidat, Johannes Schneider, A Rosso, I El Haddad, Athanasios Megaritis, Qj Zhang, Vincent Michoud, Jay G. Slowik, S Moukhtar, Pekka Kolmonen, A Stohl, Sabine Eckhardt, Agnès Borbon, Valérie Gros, Nicolas Marchand, Jean-Luc Jaffrezo, Alfons Schwarzenboeck, Aurélie Colomb, Alfred Wiedensohler, Stephan Borrmann, M Lawrence, Alexander Baklanov, Urs Baltensperger

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Atmospheric Chemistry and Physics, 2015, 15 (16), pp.9577-9591. 10.5194/acp-15-9577-2015(https://dx.doi.org/10.5194/acp-15-9577-2015)

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(https://insu.hal.science/insu-01285053/file/ATMOSPHERIC%20CHEMISTRY%20AND%20PHYSICS%20-%20In%20situ%20satellite%20measurement%20and%20model%20evidence%20on%20the%20dominant%20regional%20contribution%20to.pdf) (https://insu.hal.science/insu-01285053v1/bibtex)

titre

Exploring the seasonal NMHC distribution in an urban area of the Middle East during ECOCEM campaigns: very high loadings dominated by local emissions and dynamics(https://imt-nord-europe.hal.science/hal-04199267v1)

auteur

Thérèse Salameh, Stéphane Sauvage, Charbel Afif, Agnès Borbon, Thierry Léonardis, Jérôme Brioude, Antoine Waked, Nadine Locoge

article

Environmental Chemistry, 2015, 12 (3), pp.316. 10.1071/EN14154(https://dx.doi.org/10.1071/EN14154)

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Journal articles

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DOI : 10.1071/EN14154(https://dx.doi.org/10.1071/EN14154)

Accès au bibtex

(https://imt-nord-europe.hal.science/hal-04199267v1/bibtex)

2014

titre

ACTRIS mass closure experiments for gaseous and particulate carbons at different sites in Europe(https://ineris.hal.science/ineris-04306146v1)

auteur

C. C. Hoerger, S. Reimann, M. Hill, A. Werner, C. Plass-Duelmer, J. K. Gietl, K. Michl, M. Crippa, A. Prevot, N. Bonnaire, Agnès Borbon, V. Gros, N. Marchand, V. Riffault, S. Sauvage, J. Sciare, A. Setyan, B. Bandy, J. R. Hopkins, D. C. Green, D. Young

article

4th ACTRIS General Meeting, Jun 2014, Clermont-Ferrand, France. 2014

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Poster communications

Accès au bibtex

(https://ineris.hal.science/ineris-04306146v1/bibtex)

titre

A modelling perspective of the summer 2013 CHARMEX chemistry intensive campaign : origin of photo-oxidant and aerosol formation(https://ineris.hal.science/ineris-01855492v1)

auteur

Matthias Beekmann, Arineh Cholakian, Guillaume Siour, Benoît Laurent, Agnès Borbon, Augustin Colette, Pierre Durand, Paula Formetti, Evelyn Freney, Valérie Gros, Corinne Jambert, Nicolas Marchand, Karine Sartelet, Stéphane Sauvage, Jean Sciare, Karine Sellegri, Alexandre Armengaud, Pierre Kermen, Eric Hamonou, François Dulac

article

EGU General Assembly 2014, Apr 2014, Vienne, Austria. pp.EGU2014-10753

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Conference papers

Accès au bibtex

(https://ineris.hal.science/ineris-01855492v1/bibtex)

titre

Study of the unknown HONO daytime source at a European suburban site during the MEGAPOLI summer and winter field campaigns(https://insu.hal.science/insu-01142138v1)

auteur

Vincent Michoud, Aurélie Colomb, Agnès Borbon, K. Miet, Matthias Beekmann, M. Camredon, B. Aumont, S. Perrier, P. Zapf, G. Siour, W. Ait-Helal, C. Afif, Alexandre Kukui, M. Furger, J.C. Dupont, M. Haeffelin, J. F. Doussin

article

Atmospheric Chemistry and Physics, 2014, 14, pp.2805-2822. 10.5194/acp-14-2805-2014(https://dx.doi.org/10.5194/acp-14-2805-2014)

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Journal articles

DOI

DOI : 10.5194/acp-14-2805-2014(https://dx.doi.org/10.5194/acp-14-2805-2014)

Accès au texte intégral et bibtex

(https://insu.hal.science/insu-01142138/file/acp-14-2805-2014.pdf) (https://insu.hal.science/insu-01142138v1/bibtex)

titre

Volatile and intermediate volatility organic compounds in suburban Paris: variability, origin and importance for SOA formation(https://uca.hal.science/hal-01119963v1)

auteur

Warda Ait-Helal, Agnès Borbon, Stéphane Sauvage, Joost De A. Gouw, Aurélie Colomb, Valérie Gros, Friederike Freutel, Monica Crippa, Charbel Afif, Urs Baltensperger, Matthias Beekmann, Jean-

Francois Doussin, Régine Durand-Jolibois, Isabelle Fronval, Noël Grand, Thierry Leonardis, Morgan Lopez, Vincent Michoud, Killian Miet, Sébastien Perrier, André S. H. Prévôt, Jodi Schneider, Guillaume Siour, Pascal Zapf, Nadine Locoge

article

Atmospheric Chemistry and Physics, 2014, 14, pp.10439- 10464. 10.5194/acp-14-10439-2014(https://dx.doi.org/10.5194/acp-14-10439-2014)

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Journal articles

DOI

DOI : 10.5194/acp-14-10439-2014(https://dx.doi.org/10.5194/acp-14-10439-2014)

Accès au texte intégral et bibtex

(https://uca.hal.science/hal-01119963/file/acp-14-10439-2014.pdf) (https://uca.hal.science/hal-01119963v1/bibtex)

titre

Characterizing the impact of urban emissions on regional aerosol particles: airborne measurements during the MEGAPOLI experiment(https://hal.science/hal-03752029v1)

auteur

Evelyn Freney, Karine Sellegri, Francesco Canonaco, Aurélie Colomb, Agnès Borbon, Vincent Michoud, Jean-François Doussin, Suzanne Crumeyrolle, Nadir Amarouche, Jean-Marc Pichon, Thierry Bourrianne, Laurent Gomes, André Prévôt, Matthias Beekmann, Alfons Schwarzenboeck

article

Atmospheric Chemistry and Physics, 2014, 14 (3), pp.1397-1412. 10.5194/acp-14-1397-2014(https://dx.doi.org/10.5194/acp-14-1397-2014)

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Journal articles

DOI

DOI : 10.5194/acp-14-1397-2014(https://dx.doi.org/10.5194/acp-14-1397-2014)

Accès au texte intégral et bibtex

(https://hal.science/hal-03752029/file/acp-14-1397-2014.pdf) (https://hal.science/hal-03752029v1/bibtex)

2013

titre

Formation of organic aerosol in the Paris region during the MEGAPOLI summer campaign : evaluation of the volatility-basis-set approach within the CHIMERE model(https://ineris.hal.science/ineris-01862410v1)

auteur

Q. Zhang, Matthias Beekmann, F. Drewnick, F. Freutel, Jürgen Schneider, M. Crippa, André S.H. Prevot, U. Baltensperger, L. Poulain, A. Wiedensohler, Jean Sciare, Valérie Gros, Agnès Borbon, Aurélie Colomb, V. Michoud, Jean-François Doussin, Hugo Denier van Der Gon, Martial Haeffelin, J. C. Dupont, Guillaume Siour, H. Petetin, Bertrand Bessagnet, S.N. Pandis, Alma Hodzic, Olivier Sanchez, Cécile Honore, Olivier Perrussel

article

Atmospheric Chemistry and Physics, 2013, 13 (11), pp.5767-5790. 10.5194/acp-13-5767-2013(https://dx.doi.org/10.5194/acp-13-5767-2013)

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Journal articles

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DOI : 10.5194/acp-13-5767-2013(https://dx.doi.org/10.5194/acp-13-5767-2013)

Accès au texte intégral et bibtex

(https://ineris.hal.science/ineris-01862410/file/2014-121.pdf) (https://ineris.hal.science/ineris-01862410v1/bibtex)

titre

Aerosol particle measurements at three stationary sites in the megacity of Paris during summer 2009: Meteorology and air mass origin dominate aerosol particle composition and size distribution(https://hal.science/hal-01089505v1)

auteur

Friederike Freutel, Jodi Schneider, F. Drewnick, S.-L. von Der Weiden-Reinmüller, Monica Crippa, A. S.H. Prévôt, Urs Baltensperger, L. Poulain, A. Wiedensohler, J. Sciare, Roland Sarda-Estève, J.F. Burkhart, S. Eckhardt, A. Stohl, Valérie Gros, Aurélie Colomb, Vincent Michoud, J.F. Doussin, Agnès Borbon, M. Haeffelin, Y. Morille, Matthias Beekmann, S. Borrmann

article

Atmospheric Chemistry and Physics, 2013, 13 (2), pp.933-959. 10.5194/acp-13-933-2013(https://dx.doi.org/10.5194/acp-13-933-2013)

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Journal articles

DOI

DOI : 10.5194/acp-13-933-2013(https://dx.doi.org/10.5194/acp-13-933-2013)

Accès au texte intégral et bibtex

(https://hal.science/hal-01089505/file/acp-13-933-2013.pdf) (https://hal.science/hal-01089505v1/bibtex)

2012

titre

Radical budget analysis in a suburban European site during the MEGAPOLI summer field campaign(https://hal.science/hal-00712273v1)

auteur

Vincent Michoud, Alexandre Kukui, M. Camredon, Aurélie Colomb, Agnès Borbon, Killian Miet, B. Aumont, Matthias Beekmann, Régine Durand-Jolibois, Sébastien Perrier, Pascal Zapf, Guillaume Siour, Warda Ait-Helal, Nadine Locoge, Stéphane Sauvage, Charbel Afif, Valérie Gros, M. Furger, Gérard Ancellet, J. F. Doussin

article

Atmospheric Chemistry and Physics, 2012, 12 (24), pp.11951-11974. 10.5194/acp-12-11951-2012(https://dx.doi.org/10.5194/acp-12-11951-2012)

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Accès au texte intégral et bibtex

(https://hal.science/hal-00712273/file/acp-12-11951-2012.pdf) (https://hal.science/hal-00712273v1/bibtex)

2010

titre

Chemical and aerosol characterisation of the troposphere over West Africa during the monsoon period as part of AMMA(https://hal.science/hal-00469942v1)

auteur

C. E. Reeves, P. Formenti, Charbel Afif, Gérard Ancellet, Jean-Luc Attié, J. Bechara, Agnès Borbon, F. Cairo, H. Coe, Suzanne Crumeyrolle, Federico Fierli, Cyrille Flamant, L. Gomes, T. Hamburger, Corinne Jambert, Kathy S. Law, Céline Mari, R.L. Jones, Atsushi Matsuki, M.I. Mead, J. Methven, G. P. Mills, A. Minikin, J.G. Murphy, J.K. Nielsen, D.E. Oram, D.J. Parker, A. Richter, H. Schlager, Alfons Schwarzenboeck, Valérie Thouret

article

Atmospheric Chemistry and Physics, 2010, 10 (16), pp.7575-7601. 10.5194/acp-10-7575-2010(https://dx.doi.org/10.5194/acp-10-7575-2010)

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Journal articles

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DOI : 10.5194/acp-10-7575-2010(https://dx.doi.org/10.5194/acp-10-7575-2010)

Accès au texte intégral et bibtex

(https://hal.science/hal-00469942/file/acp-10-7575-2010.pdf) (https://hal.science/hal-00469942v1/bibtex)

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