



Eva Merico

WORK EXPERIENCE

[15/05/2023 – Current]

Temporary Researcher

Institute of Atmospheric and Climate Sciences (ISAC) - National Research Council (CNR)

City: Lecce

Country: Italy

Activity research about chemical and physical characterization of natural and anthropogenic sources of atmospheric particulate matter

Project PNRR "ITINERIS - Italian Integrated Environmental Research Infrastructures System" (Avviso MUR n. 3264 del 28.12.2021 – CUP B53C22002150006)

[02/05/2021 – 14/05/2023]

Post-doc position

Institute of Atmospheric and Climate Sciences (ISAC) - National Research Council (CNR)

City: Lecce

Country: Italy

Research topic: "Characterization of variability of natural and anthropogenic sources' contribution of particulate matter concentration in different dimensional classes"

Project "ACTRIS" (Aerosol, Clouds and Trace Gases Research Infrastructure, CIR01_00015 - Potenziamento della componente italiana della Infrastruttura di Ricerca Aerosol, Clouds and Trace Gases Research Infrastructure - Rafforzamento del capitale umano)

[02/01/2018 – 30/04/2021]

Post-doc position

Institute of Atmospheric and Climate Sciences (ISAC) - National Research Council (CNR)

City: Lecce

Country: Italy

Research topic: "Assessment of the contribution of anthropogenic and natural sources to atmospheric particulate matter concentrations"

Project "PROMETEOS" (Prodotti, metodologie e tecnologie originali e sostenibili per la diagnostica e la conservazione dell'edilizia) and project "ISMAEL" (Sviluppo di un sistema integrato per la valutazione, il monitoraggio ed il miglioramento delle prestazioni ambientali di filiere di trasporto e movimentazione delle merci in aree e attività portuali)

[02/01/2015 – 31/12/2017]

Post-degree position scholarship

Institute of Atmospheric and Climate Sciences (ISAC) - National Research Council (CNR)

City: Lecce

Country: Italy

Experimental research with field and laboratory experience in characterization of particulate matter

Progetto "POSEIDON" (Pollution monitoring of Ship Emissions: an Integrated approach for harbours of the Adriatic basin, MED 2007-2013)

[01/07/2012 – 31/12/2014]

Post-degree position scholarship

Institute of Atmospheric and Climate Sciences (ISAC) - National Research Council (CNR)

City: Lecce

Country: Italy

Training and early experimental research in atmospheric and climate sciences

Progetto "I-AMICA" (Infrastruttura di Alta tecnologia per il Monitoraggio Integrato Climatico-Ambientale, PONa3_00363)

EDUCATION AND TRAINING

[17/07/2013 – 15/03/2017]

Ph.D. in Environmental Sciences (XXIX cycle)

Department of Environmental Sciences, Informatics and Statistics - University Ca' Foscari of Venice

Address: Scientific Campus, via Torino 155, 30172, Mestre, Italy

Field(s) of study: Natural sciences, mathematics and statistics

Final grade: Cum laude

Thesis: Assessment of air pollutants contribution of harbour activities in Venice and Brindisi areas

[21/10/2010]

Master's Degree in "Impact assessment and environmental certification"

Department of Biological and Environmental Sciences and Technologies - University of Salento

Address: 73100, Lecce, Italy

Field(s) of study: Natural sciences, mathematics and statistics: *Environmental sciences , Chemistry*

Final grade: 110/110 cum laude

Thesis: Chemical characterisation and geostatistical analysis of top soil in Lecce

[28/03/2007]

Bachelor's Degree in "Environmental Sciences and Technologies"

Department of Biological and Environmental Sciences and Technologies - University of Salento

Address: 73100, Lecce, Italy

Field(s) of study: Natural sciences, mathematics and statistics

Final grade: 110/110 cum laude

Thesis: Geophysical characterization of a coastal stretch subject to instability (Casalabate - LE)

HONOURS AND AWARDS

[24/05/2018]

Best Ph.D. Thesis Awarding institution: Italian Aerosol Society (IAS, <http://www.iasaerosol.it/it/>)

Thesis in Environmental Sciences: *"Assessment of air pollutants contribution of harbour activities in Venice and Brindisi areas"*

Supervisor: A. Gambaro (Ca' Foscari University); A. Donato (CNR-ISAC)

[22/06/2020]

Certified Publons Academy Reviewer Awarding institution: Publons Academy

Peer-review course work - 15 hours

NETWORKS AND MEMBERSHIPS

[10/07/2023] **Member of Editorial Board as Review Editor** Analytical Chemistry (specialty section of Frontiers in Chemistry)
[Frontiers in Chemistry](#)

[23/06/2023] **Member of Editorial Board as Academic Editor** Atmosphere - Section "Aerosols"
[Atmosphere | An Open Access Journal from MDPI](#)

[02/2022 – Current]

Guest Editor of Special Issue "Environmental Footprint of Shipping—Characteristics and Mitigation Strategies"

Journal of Marine Science and Engineering (JMSE) - Open Access Journal by MDPI

[20/05/2015 – Current] **Member of Italian Aerosol Society - IAS**

Member of IAS Working Groups:

WG1 "Aerosol sources and environmental impact"

WG2 "Sampling techniques and PM_x analysis in air quality assessment"

[07/2012 – Current]

Reviewer activity for MDPI, Elsevier, Springer, Taylor&Francis, Enviro Research Publishers Journals

Member of the Technical Committee of the Mediterranean Geosciences Union Annual Meeting - MedGU-22

27/11/2022-30/11/2022

In person (Marrakech) and online conference

[03/2022]

Partecipation to the annual inter-laboratory comparison exercise for TC and EC measurements

ACTRIS Centre for Aerosol In-Situ measurements ECAC (European Centre for Aerosol Calibration)

Exercise performed in the context of the ACTRIS Transnational Access (TNA), Project number (OCEC-2022-1)

Member of the Scientific Committee of the Mediterranean Geosciences Union Annual Meeting - MedGU-21

25/11/2021-28/11/2021

In-person (Istanbul) and online conference

[01/11/2020 – 04/11/2020]

Member of the Scientific Committee of the 3th Conference of the Arabian Journal of Geosciences - CAJG

Online conference

[14/10/2020 – 16/10/2020]

Member of Organizer Committee of the IX Convegno Nazionale sul Particolato Atmosferico - PM2020

Lecce (Italy)

PUBLICATIONS

[2023]

Pollution sources affecting the oxidative potential of fine aerosols in a Portuguese urban-industrial area - an exploratory study

N. Canha, S. Gonçalves, D. Sousa, C. Gamelas, S. Mendez, S.C. Verde, S.M. Almeida, A.R. Bartolomeo, M.R. Guascito, **E. Merico**, D. Contini

Submitted to Air Qual Atmos Health

[2023]

Characterisation of the correlations between oxidative potential and in vitro biological effects of PM10 at three sites in the central Mediterranean

M.R. Guascito, M.G. Lionetto, F. Mazzotta, M. Conte, M.E. Giordano, R. Caricato A.R De Bartolomeo, A. Dinoi, D. Cesari, **E. Merico**, L. Mazzotta, D. Contini

<https://doi.org/10.1016/j.jhazmat.2023.130872>

J Hazard Mater 448, 130872

[2023]

Concentration and size distribution of atmospheric particles in southern Italy during COVID-19 lockdown period

Conte M., Dinoi A., Grasso F.M., **Merico E.**, Guascito M.R., Contini D.

<https://doi.org/10.1016/j.atmosenv.2022.119559>

Atmos Environ 295, 119559

[2022]

Inter-annual variability of sources contributions to PM10 and PM2.5 and to oxidative potential in an urban background site in central Mediterranean

L.C. Giannossa, D. Cesari, **E. Merico**, A. Dinoi, A. Mangone, M.R. Guascito, D. Contini

<https://doi.org/10.1016/j.jenvman.2022.115752>

J Environ Manage 319, 115752

[2022]

Characterisation of atmospheric pollution and of Oxidative Potential in an industrial suburban site in Southern Italy

E. Merico, D. Cesari, F.M. Grasso, A. Gambaro, E. Morabito, S. Decesari, M. Rinaldi, D. Contini

<https://doi.org/10.36125/ijoehy.v12i2>

Ital J Occup Environ Hyg 12(2), 47-74

[2021] **Trends of Shipping Impact to Particulate Matter in Two Adriatic Port-Cities**

E. Merico, M. Conte, F.M. Grasso, D. Cesari, A. Gambaro, E. Morabito, E. Gregoris, D. Contini

<https://doi.org/10.3390/ecas2021-10343>

Environ Sci Proc (ISSN: 2673-4931), 8(1), 10

Proceedings of the 4th International Electronic Conference on Atmospheric Sciences
ECAS2021, 16-31 July 2021, online

[2021]

Analysis of the contribution to PM₁₀ concentrations of the largest coal-fired power plant of Italy in four different sites

Reference:

Cesari D., **Merico E.**, Grasso F.M., Dinoi A., Conte M., Genga A., Siciliano M., et al.

<https://doi.org/10.1016/j.apr.2021.101135>

Atmos Poll Res 12(8), 101135

[2021]

Impact of shipping to atmospheric pollutants: state-of-the-art and perspectives

Contini D., **Merico E.**

<https://doi.org/10.1016/B978-0-08-102671-7.10721-3>

In: Vickerman, Roger (eds.)

International Encyclopedia of Transportation vol 7. pp. 268-276

United Kingdom: Elsevier Ltd.

[2021]

Shipping and Air Quality in Italian Port Cities: State-of-the-Art Analysis of Available Results of Estimated Impacts

E. Merico, D. Cesari, E. Gregoris, A. Gambaro, M. Cordella, D. Contini

<https://doi.org/10.3390/atmos12050536>

Atmosphere 12, 536

[2021]

Characterization of airborne particulate fractions from the port city of Rijeka, Croatia

B. Mifka, P. Žurga, D. Kontošić, D. Odorčić, M. Mezlar, **E. Merico**, F.M. Grasso, M. Conte, et al.

<https://doi.org/10.1016/j.marpolbul.2021.112236>

Mar Pollut Bull 166, 112236

[2021]

Recent advances in studying air quality and health effects of shipping emissions

Contini D., **Merico E.**

<https://doi.org/10.3390/atmos12010092>

Commentary

Atmosphere 12, 92

[2021]

Chemical characterization and source apportionment of size-segregated aerosol in the port-city of Venice (Italy)

E. Gregoris, E. Morabito, E. Barbaro, M. Feltracco, G. Toscano, **E. Merico**, F.M. Grasso, et al.

<https://doi.org/10.1016/j.apr.2020.11.007>

Atmos Poll Res 12(2), 261-271

[2020]

Comparison of the impact of ships to size-segregated particle concentrations in two harbour cities of northern Adriatic Sea

E. Merico, M. Conte, F.M. Grasso, D. Cesari, A. Gambaro, E. Morabito, E. Gregoris, et al.

<http://doi.org/10.1016/j.envpol.2020.115175>

Environ Poll 266(3), 115175

[2020]

An inter-comparison of size segregated carbonaceous aerosol collected by low-volume impactor in the port-cities of Venice (Italy) and Rijeka (Croatia)

D. Cesari, **E. Merico**, A. Dinoi, A. Gambaro, E. Morabito, E. Gregoris, E. Barbaro, et al.

<http://doi.org/10.1016/j.apr.2020.06.027>

Atmos Poll Res 11(10), 1705-1714

[2020]

Long-term characterisation of African dust advection in south-eastern Italy: Influence on fine and coarse particle concentrations, size distributions, and carbon content

M. Conte M., **Merico E.**, Cesari D., Dinoi A., Grasso F.M., Donateo A., Guascito M.R., Contini D.

<http://doi.org/10.1016/j.atmosres.2019.104690>

Atmos Res 233, 104690

[2020]

Characterisation of atmospheric pollution near an industrial site with a biogas production and combustion plant in Southern Italy

Merico E., Grasso F.M., Cesari D., Decesari S., Belosi F., Manarini F., De Nuntiis P., et al.

<http://doi.org/10.1016/j.scitotenv.2020.137220>

Sci Tot Env 717, 137220

[2019]

Source apportionment of PM_{2.5} and of its oxidative potential in an industrial suburban site in South Italy

Cesari D., **Merico E.**, Grasso F.M., Decesari S., Belosi F., Manarini F., De Nuntiis P., et al.

<http://doi.org/10.3390/atmos10120758>

Atmosphere 10(12), 758

[2019]

Inter-comparison of carbon content in PM₁₀ and PM_{2.5} measured with two thermo-optical protocols on samples collected in a Mediterranean site

Merico E., Cesari D., Dinoi A., Gambaro A., Barbaro E., Guascito M.R., Giannossa L.C., et al.

<http://doi.org/10.1007/s11356-019-06117-7>

[2019]

Development of an integrated modelling-measurement system for near-real-time estimates of harbour activity impact to atmospheric pollution in coastal cities

Merico E., Dinoi A., Contini D.

<http://doi.org/10.1016/j.trd.2019.06.009>

Transp Res Part D: Transp Env 73, 108-119

[2018]

Characterization of aerosol optical properties on three GAW observatories in the Central Mediterranean

Donateo A., Lo Feudo T., Marinoni A., Dinoi A., Avolio E., **Merico E.**, Calidonna C.R., et al.

<http://doi.org/10.3390/atmos9100369>

Atmosphere 9(10), 369

[2018]

Seasonal variability of carbonaceous aerosols in an urban background area in Southern Italy

Cesari D., **Merico E.**, Dinoi A., Marinoni A., Bonasoni P., Contini D.

<http://doi.org/10.1016/j.atmosres.2017.10.004>

Atmos Res 200, 97-108

[2018]

Seasonal variability of PM_{2.5} and PM₁₀ composition and sources in an urban background site in Southern Italy

Cesari D., De Benedetto G.E., Bonasoni P., Busetto M., Dinoi A., **Merico E.**, Chirizzi D., et al.

<http://doi.org/10.1016/j.scitotenv.2017.08.230>

Sci Tot Env 612, 202-213

[2017]

Atmospheric impact of ship traffic in four Adriatic-Ionian port-cities: comparison and harmonization of different approaches

Merico E., Gambaro A., Argiriou A., Alebic-Juretic A., Barbaro E., Cesari D., Chasapidis L., et al.

<http://doi.org/10.1016/j.trd.2016.11.016>

Transport Res Part D 50, 431-445

[2016]

Influence of in-port ships emissions to gaseous atmospheric pollutants and to particulate matter of different sizes in a Mediterranean harbour in Italy

Merico E., Donateo A., Gambaro A., Cesari D., Gregoris E., Barbaro E., Dinoi A., et al.

<http://doi.org/10.1016/j.atmosenv.2016.05.024>

Atmos Environ 139, 1-10

[2016]

An inter-comparison of PM_{2.5} at urban and urban background sites: Chemical characterization and source apportionment

Cesari D., Donateo A., Conte M., **Merico E.**, Giangreco A., Giangreco F., Contini D.

<http://doi.org/10.1016/j.atmosres.2016.02.004>

[2015]

Inter-annual trend of the primary contribution of ship emissions to PM_{2.5} concentrations in Venice (Italy): Efficiency of emissions mitigation strategies

Contini D., Gambaro A., Donateo A., Cescon P., Cesari D., **Merico E.**, Belosi F., Citron M.

<http://doi.org/10.1016/j.atmosenv.2014.11.065>

Atmos Environ 102, 183–190

[2014]

Contribution of harbour activities and ship traffic to PM_{2.5}, particle number concentrations and PAHs in a port city of the Mediterranean Sea (Italy)

Donateo A., Gregoris E., Gambaro A., **Merico E.**, Giua R., Nocioni A., Contini D.

<http://doi.org/10.1007/s11356-014-2849-0>

Environ Sci Pollut Res 21, 9415–9429

CONFERENCE PROCEEDINGS

Analisi di lungo periodo della frazione carboniosa del particolato atmosferico presso l'Osservatorio Climatico-Ambientale di Lecce (Italy)

Eva Merico, Daniela Cesari, Adelaide Dinoi, Serena Potì, Florin Unga, Daniele Contini

Authorship Oral presentation - Abstract 9i Incontri Mediterranei di Igiene Industriale, organizzati da AIDII, 19-20 ottobre 2023, Lecce (Italy)

Studio della variabilità spaziale e temporale del PM e della sua tossicità nell'area di Lecce e provincia

Serena Potì, **Eva Merico**, Marianna Conte, Florin Unga, Daniela Cesari, Adelaide Dinoi, Maria Rachele Guascito, Anna Rita De Bartolomeo, Alessandro Carlino, Antonio Pennetta, Ermelinda Bloise, Giuseppe Egidio De Benedetto, Roberto Ferrera, Enrico Bompadre, Daniele Contini

Co-authorship Oral presentation - Abstract 9i Incontri Mediterranei di Igiene Industriale, organizzati da AIDII, 19-20 ottobre 2023, Lecce (Italy)

Long-term variability and trends of air pollution variables and impact of COVID-19 at the Environmental and Climate Observatory of Lecce, Italy

Florin Unga, Adelaide Dinoi, **Eva Merico**, Serena Potì, Antonio Pennetta, Ermelinda Bloise, Daniela Cesari, Daniele Contini

Co-authorship Poster - Abstract 9i Incontri Mediterranei di Igiene Industriale, organizzati da AIDII, 19-20 ottobre 2023, Lecce (Italy).

Long-term analysis of carbonaceous fractions of particulate in an ACTRIS research infrastructure in Southern Italy

E. Merico, D. Cesari, A. Dinoi, S. Potì, F. Unga and D. Contini

Co-authorship Oral presentation European Aerosol Conference EAC2023, 03-08 September 2023, Malaga (Spain).

Oxidative potential of fine aerosols from a Portuguese urban-industrial area

N. Canha, C. Gamelas, S. Mendez, S.C. Verde, S.M. Almeida, A.R. Bartolomeo, M.R. Guascito, **E. Merico** and D. Contini

Co-authorship Oral presentation European Aerosol Conference EAC2023, 03-08 September 2023, Malaga (Spain).

Application of smart samplers and particle counters to determine spatial and temporal variability of PM composition, size distribution, and oxidative potential in South Italy

E. Merico, M. Conte, F. Unga, D. Cesari, A. Dinoi, S. Potì, M.R. Guascito, A.R. De Bartolomeo, A. Carlino, A. Pennetta, G.E. De Benedetto, R. Ferrera, E. Bompadre, and D. Contini

Co-authorship Oral presentation European Aerosol Conference EAC2023, 03-08 September 2023, Malaga (Spain)

A novel FAI smart sensor, Optical Particle Tracer, for optical particle size distribution and mass concentration measurements

F. Unga, **E. Merico**, S. Potì, D. Cesari, M.R. Guascito, A.R. De Bartolomeo, A. Pennetta, G.E. De Benedetto, A. Carlino, E. Bompadre, R. Ferrera, D. Contini

Co-authorship poster - Abstract In Scientific Research Abstracts - Volume 13 (ISSN 2464-9147 - Online, ISBN: 978-88-7522-051-8), Editor: S. Fiore. V International Conference on Atmospheric Dust - DUST 2023 BARI, Italy. Digilabs Pub., Bari, Italy, p. 93.

Contributions of PM10 sources to acellular oxidative potential and in vitro toxicological effects in three sites of south Italy

M.R. Guascito, M.G. Lionetto, F. Mazzotta, L. Mazzotta, M. Conte, M.E. Giordano, R. Caricato, A.R. De Bartolomeo, A. Carlino, A. Dinoi, D. Cesari, **E. Merico**, F. Unga, D. Contini

Co-authorship Oral presentation - Abstract In Scientific Research Abstracts - Volume 13 (ISSN 2464-9147 - Online, ISBN: 978-88-7522-051-8), Editor: S. Fiore. V International Conference on Atmospheric Dust - DUST 2023 BARI, Italy. Digilabs Pub., Bari, Italy, p. 35.

Correlation of acellular oxidative potential of PM10 and in vitro biological effects in three sites in south Italy

M.R. Guascito, M.G. Lionetto, F. Mazzotta, L. Mazzotta, M. Conte, M.E. Giordano, R. Caricato, A.R. De Bartolomeo, M.P. Romano, A. Dinoi, D. Cesari, **E. Merico**, D. Contini

Co-authorship Extended abstract 11th International Aerosol Conference - IAC2022, 4-9 September 2022, Athens (Greece)

Correlation among oxidative potential and in vitro toxicological effects of PM10

M.R. Guascito, M.G. Lionetto, F. Mazzotta, L. Mazzotta, M. Conte, M.E. Giordano, R. Caricato, A.R. De Bartolomeo, M.P. Romano, A. Dinoi, D. Cesari, **E. Merico**, D. Contini

Co-authorship Extended abstract 5th International Electronic Conference on Atmospheric Sciences - ECAS2022, 16-31 July 2022, online

Correlazione tra potenziale ossidativo, composizione chimica ed effetti biologici in-vitro del PM10 in tre siti di misura in Puglia

M.R. Guascito, M.G. Lionetto, F. Mazzotta, L. Mazzotta, M. Conte, M.E. Giordano, R. Caricato, A.R. De Bartolomeo, M.P. Romano, A. Dinoi, D. Cesari, **E. Merico**, D. Contini

Co-authorship poster - Atti X Convegno Nazionale sul Particolato Atmosferico - PM2022 (ISBN: 978-88-942135-4-6), 18 – 20 maggio 2022, Bologna (Italy)

Trend pluriennale delle sorgenti di PM e loro contributo al potenziale ossidativo

D. Cesari, L.C. Giannossa, A. Mangone, M.R. Guascito, **E. Merico**, A. Dinoi, D. Contini

Co-authorship Oral presentation - Atti X Convegno Nazionale sul Particolato Atmosferico - PM2022 (ISBN: 978-88-942135-4-6), 18 – 20 maggio 2022, Bologna (Italy)

Utilizzo di una rete di sensori low-cost per studi di qualità dell'aria e tossicità del particolato nell'area di Lecce e provincia

E. Merico, D. Contini, A. Giacobelli, D. Cesari, F. Unga, A. Dinoi, M.R. Guascito, A.R. De Bartolomeo, M.G. Lionetto, M. Conte, R. Ferrera, E. Bompadre

Authorship poster - Atti X Convegno Nazionale sul Particolato Atmosferico - PM2022 (ISBN: 978-88-942135-4-6), 18 – 20 maggio 2022, Bologna (Italy)

Characterization of atmospheric pollution and of Oxidative Potential in an industrial suburban site in Southern Italy

E. Merico, D. Cesari, F.M. Grasso, A. Gambaro, E. Morabito, S. Decesari, M. Rinaldi, D. Contini

Authorship Oral presentation - Atti 8i Incontri Mediterranei di Igiene Industriale (ISBN 978-88-86293-42-6), organizzati da AIDII, 25-26 novembre 2021, Siracusa (Italy)

Inter-annual variability of sources contributing to PM10 and PM2.5 and their contribution to oxidative potential in an urban background site in Italy

D. Cesari, **E. Merico**, A. Dinoi, L.C. Giannossa, A. Mangone, M.R. Guascito, D. Contini

Co-authorship Oral presentation - Atti European Aerosol Conference - EAC2021, 30 August-03 September 2021, Interactive Live Virtual Event

Trends of shipping impact to particulate matter in two northern Adriatic port-cities

E. Merico, M. Conte, F.M. Grasso, D. Cesari, A. Gambaro, E. Morabito, E. Gregoris, D. Contini

Authorship - Environmental Sciences Proceedings (ISSN: 2673-4931), 8(1), 10

4th International Electronic Conference on Atmospheric Sciences - ECAS2021, 16-31 July 2021, online

<https://doi.org/10.3390/ecas2021-10343>

Variabilità stagionale della composizione e del potenziale ossidativo del PM10 e del PM2.5 in un fondo urbano del Sud Italia

L.C. Giannossa, A. Mangone, **E. Merico**, A. Dinoi, M.R. Guascito, D. Contini

Co-authorship poster - Atti IX Convegno Nazionale sul Particolato Atmosferico - PM2020 (ISBN: 978-88-942135-3-9), 14 – 16 ottobre 2020, Lecce (Italy)

Impatto del traffico navale sulla concentrazione di particelle di diversi intervalli dimensionali in due città dell'Adriatico Settentrionale

E. Merico, M. Conte, F.M. Grasso, D. Cesari, A. Gambaro, E. Morabito, E. Gregoris, S. Orlando, A. Alebić-Juretić, V. Zubak, B. Mifka, D. Contini

Authorship Oral presentation - Atti IX Convegno Nazionale sul Particolato Atmosferico - PM2020 (ISBN: 978-88-942135-3-9), 14 – 16 ottobre 2020, Lecce (Italy)

Caratterizzazione chimica di particolato in dodici diverse classi dimensionali

E. Gregoris, E. Morabito, E. Barbaro, M. Feltracco, G. Toscano, D. Cesari, **E. Merico**, F. M. Grasso, M. Conte, D. Contini, A. Gambaro

Co-authorship Oral presentation - Atti IX Convegno Nazionale sul Particolato Atmosferico - PM2020 (ISBN: 978-88-942135-3-9), 14 – 16 ottobre 2020, Lecce (Italy)

Source apportionment del PM2.5 e del potenziale ossidativo in un sito industriale

D. Cesari, **E. Merico**, F.M. Grasso, S. Decesari, F. Belosi, F. Manarini, P. De Nuntiis, M. Rinaldi, A. Gambaro, E. Morabito, D. Contini

Co-authorship Oral presentation - Atti IX Convegno Nazionale sul Particolato Atmosferico - PM2020 (ISBN: 978-88-942135-3-9), 14 – 16 ottobre 2020, Lecce (Italy)

Airborne transmission of SARS-COV-2: implications for outdoor and indoor environments

Contini D., Conte M., Dinoi A., **Merico E.**, Cesari D.

Co-authorship Relazione su invito, Atti del 106° Congresso Nazionale Società Italiana di Fisica - SIF, ISBN: 978-88-7438-123-4), 14-18 Settembre 2020, online

Comparison of the impact of ships to size-segregated particle concentrations in two port cities in northern Adriatic Sea

E. Merico, M. Conte, F.M. Grasso, D. Cesari, A. Gambaro, E. Morabito, E. Gregoris, S. Orlando, A. Alebić-Juretić, V. Zubak, B. Mifka, D. Contini

Authorship Oral presentation - Atti European Aerosol Conference - EAC2020, 30 August-04 September 2020, Aachen (Germany)

Studio sul potenziale ossidativo del PM2.5 e PM10 presso l'Osservatorio Climatico-Ambientale di Lecce

A. Dinoi, D. Cesari, L.C. Giannossa, M. Giannuzzi, A. Mangone, **E. Merico**, M.R. Guascito, D. Contini

Co-authorship Oral presentation - Extended abstract 7i Incontri Mediterranei "Inquinamento Indoor e Outdoor: Valutazione dei rischi, figure e competenze" organizzato da Sezione AIDII

SUD, in collaborazione con il CNR – Istituto di scienze dell'atmosfera e del clima e INAIL – Direzione regionale per la Calabria, 3-4 Ottobre 2019, Lamezia Terme (Italy)

Inter-comparison of carbon content in PM10 and PM2.5 measured with two thermo-optical protocols in a Mediterranean site

E. Merico, D. Cesari, A. Dinoi, A. Gambaro, E. Barbaro, M.R. Guascito, L.C. Giannossa, A. Mangone, D. Contini

Authorship Oral presentation - Atti XXVIII Congress of the Analytical Chemistry Division, 22-26 September 2019, Bari (Italy)

Source apportionment of the PM2.5 water-soluble fraction oxidative potential near a biogas plant in South Italy

Cesari D., **Merico E.**, Grasso F.M., Decesari S., Belosi F., Manarini F., De Nuntiis P., Rinaldi M., Volpi F., Gambaro A., Morabito E., Contini D.

Co-authorship poster - Workshop "PM oxidative potential: response of acellular assays to predict PM-induced oxidative stress activity", organized by Italian Aerosol Society - IAS, 3 July 2019, Ferrara (Italy)

Analisi del potenziale ossidativo del PM2.5 e PM10 presso un sito di fondo urbano: influenza della frazione carboniosa

D. Cesari, L.C. Giannossa, M. Giannuzzi, A. Mangone, **E. Merico**, A. Dinoi, M.R. Guascito, D. Contini

Co-authorship Oral presentation - Atti VII Convegno Nazionale Agenti Fisici (ISBN 9788888648477) dal titolo: "Monitoraggio ambientale: dalla produzione all'analisi del dato", 05-07 Giugno 2019, Stresa (Italy)

Sviluppo di un sistema di valutazione integrato per la stima dell'impatto delle attività portuali all'inquinamento atmosferico a Bari

E. Merico, A. Dinoi, R. Malorgio, A. Politano, F. Lisi, B. Scarpa, D. Contini

Authorship Oral presentation - Atti VIII Convegno Nazionale sul Particolato Atmosferico - PM2018 (ISBN 978-88-942135-1-5), 23-25 Maggio 2018, Matera

Caratterizzazione delle proprietà ottiche del particolato atmosferico in tre osservatori nel Sud Italia

A. Donateo, T. Lo Feudo, A. Marinoni, **E. Merico**, A. Dinoi, C.R. Calidonna, P. Bonasoni, D. Contini

Co-authorship Oral presentation - Atti VIII Convegno Nazionale sul Particolato Atmosferico-PM2018 (ISBN 978-88-942135-1-5), 23-25 Maggio 2018, Matera (Italy)

Analisi del contributo della centrale termoelettrica a carbone Brindisi Sud alle concentrazioni di particolato atmosferico

D. Contini, D. Cesari, **E. Merico**, F. M. Grasso, A. Dinoi, A. Genga, M. Siciliano, M. Berico, A. Malaguti

Co-authorship Oral presentation - Atti del convegno VIII Convegno Nazionale sul Particolato Atmosferico - PM2018 (ISBN 978-88-942135-1-5), 23-25 Maggio 2018, Matera (Italy)

Analysis of the contribution of a coal-fired power plant to PM10 concentrations in four sites in Southern Italy

D. Contini, D. Cesari, **E. Merico**, F.M. Grasso, A. Dinoi, A. Genga, M. Siciliano, M. Berico, A. Malaguti

Co-authorship Oral presentation - Extended abstract SETAC Europe 28th Annual Meeting, 13-17 May 2018, Rome (Italy)

Seasonal variability of carbonaceous aerosols in an urban background area in Southern Italy

D. Cesari, **E. Merico**, A. Dinoi, A. Marinoni, P. Bonasoni, D. Contini

Co-authorship - Extended abstract European Aerosol Conference - EAC2017, 27 August-1 September 2017, Zürich (Switzerland)

Impact of shipping to atmospheric pollutants in four Adriatic-Ionian port-cities

E. Merico, D. Contini, A. Gambaro, A. Argiriou, A. Alebic-Juretic, E. Barbaro, D. Cesari, S. Dimopoulos, A. Dinoi, A. Donato, E. Gregoris, A. Karagiannidis, T. Ivosevic, N. Liora, D. Melas, B. Mifka, I. Orlic, A. Poupkou, K. Sarovic

Authorship poster - Extended abstract European Aerosol Conference - EAC2016, 4-9 September 2016, Tours (France)

Contribution of in-port shipping emissions to gaseous pollutants and particulate matter of different sizes in an Adriatic port-city

E. Merico, A. Donato, A. Gambaro, D. Cesari, E. Gregoris, E. Barbaro, A. Dinoi, G. Giovanelli, S. Masieri, D. Contini

Authorship Oral presentation - ProScience volume 3 (ISSN 2283-5954), Editor: S. Fiore. 2nd - International Conference on Atmospheric Dust - DUST 2016 Castellaneta Marina -TA, Italy Digilabs Pub., pp. 78-83.

Impact of ship traffic to some atmospheric pollutants concentration in the city of Venice

E. Gregoris, E. Barbaro, E. Morabito, A. Donato, D. Cesari, **E. Merico**, A. Gambaro, D. Contini

Co-authorship Oral presentation - Co-authorship Oral presentation - Abstract In Scientific Research Abstracts - Volume 5 (ISSN 2464-9147 (Online), ISBN: 978-88-7522-091-4), Editor: S. Fiore. 2nd International Conference on Atmospheric Dust - DUST 2016 Castellaneta Marina - TA, Italy. Digilabs Pub., p. 66.

Atmospheric impact of ships emissions in two Adriatic harbours: Brindisi and Venice

A. Donato, E. Gregoris, **E. Merico**, E. Barbaro, A. Gambaro, D. Contini

Co-authorship Oral presentation - Extended abstract XXXVIII Meeting of the Italian Section of the Combustion Institute, 20-23 September 2015, Lecce (Italy)

Impact of ship emissions and harbour activities on gas pollutants and size segregated particles concentrations

Donateo A., D. Contini, D. Cesari, **E. Merico**, A. Dinoi, F.M. Grasso

Co-authorship - Extended abstract European Aerosol Conference - EAC2015, 6-11 September 2015, Milan (Italy)

An inter-comparison of PM_{2.5} at urban and urban background sites: chemical characterization and source apportionment

D. Cesari, A. Donateo, M. Conte, **E. Merico**, A. Giancreco, D. Contini

Co-authorship - Extended abstract European Aerosol Conference - EAC2015, 6-11 September 2015, Milan (Italy)

Impact of Ship Traffic to PM_{2.5} And Particle Number Concentrations in Three Port-Cities of the Adriatic/Ionian Area

D. Contini, A. Donateo, A. Gambaro, A. Argiriou, D. Melas, D. Cesari, A. Poupkou, A. Karagiannidis, A. Tsakis, **E. Merico**, R. Cesari, A. Dinoi

Co-authorship Oral presentation - Extended abstract 17th International Conference on Aerosol Science and Technology - ICAS 2015, 16-17 April 2015, Lisbon (Portugal)

Impact of maritime transport on particulate matter concentrations and chemical compositions in four port-cities of the Adriatic/Ionian area: an overview of the results of POSEIDON project

D. Contini, A. Gambaro, A. Argiriou, A. Alebic-Juretic, E. Barbaro, D. Cesari, S. Dimopoulos, A. Dinoi, A. Donateo, E. Gregoris, A. Karagiannidis, T. Ivosevic, N. Liora, D. Melas, **E. Merico**, B. Mifka, I. Orlic, A. Poupkou, K. Sarovic

Co-authorship - Extended abstract European Geosciences Union General Assembly - EGU2015, 12 - 17 April 2015, Vienna (Austria)

Trends annuali del contributo del traffico navale passeggeri alle concentrazioni di particolato atmosferico nell'area urbana di Venezia

A. Donateo, A. Gambaro, D. Cesari, E. Gregoris, M. Citron, **E. Merico**, D. Contini

Co-authorship Oral presentation - Atti del VI Convegno Nazionale sul Particolato Atmosferico - PM2014, 20-23 Maggio 2014, Genova (Italy)

Stima del contributo al particolato ed agli IPA delle emissioni da traffico navale e da attività portuali nell'area di Brindisi

E. Merico, A. Donateo, A. Gambaro, E. Gregoris, R. Giua, A. Nocioni, D. Contini

Authorship Oral presentation - Atti del VI Convegno Nazionale sul Particolato Atmosferico - PM2014, 20-23 Maggio 2014, Genova (Italy)

Experimental and modelling evaluation of the shipping emission contribution to local air pollution in a port city in the south Adriatic coast of Italy

R. Buccolieri, S. Di Sabatino, A. Donateo, R. Cesari, A. Maurizi, A. Dinoi, **E. Merico**, A. Genga, D. Contini

Co-authorship - Extended abstract 94th Annual Meeting American Meteorological Society, 2-6 February 2014, Atlanta (United States)

Characterisation of the aerosol sources in an harbour area: an overview of the experimental results of the CESAPO project in Brindisi (Italy)

D. Contini, D. Cesari, A. Donateo, A. Gambaro, A. Genga, G. Giovanelli, R. Giua, F.M. Grasso, P. Ielpo, S. Masieri, **E. Merico**, E. Morabito, A. Nocioni, T. Pastore, M. Siciliano

Co-authorship - Extended abstract European Aerosol Conference - EAC2013, 1-6 September 2013, Prague (Czech Republic)

Source Apportionment of PM_{2.5} in the harbour area of Brindisi

D. Cesari, P. Ielpo, A. Genga, M. Siciliano, A. Donateo, M. Conte, **E. Merico**, F.M. Grasso, D. Contini

Co-authorship Oral presentation - Extended abstract Workshop "Characterization of atmospheric pollution in harbour areas", 26 June 2013, Lecce (Italy)

Maritime traffic contribution in atmospheric aerosol concentration in the Brindisi harbour area

D. Contini, A. Donateo, **E. Merico**, D. Cesari, F.M. Grasso, A. Nocioni, R. Giua

Co-authorship Oral presentation - Extended abstract Workshop "Characterization of atmospheric pollution in harbour areas", 26 June 2013, Lecce (Italy)

Contribution of harbour activities to atmospheric aerosol in the Brindisi area

Donateo A., Cesari D., Nocioni A., Grasso F.M., **Merico E.**, Giua R., Contini D.

Co-authorship - Extended abstract European Geosciences Union General Assembly - EGU2013, 07 - 12 April 2013, Vienna (Austria)

TECHNICAL REPORTS

[2023] Analisi TOT per la determinazione della frazione carboniosa

D. Contini, **E. Merico**

Commissioned by Bucciarelli Laboratori S.R.L. (Ascoli Piceno)

[2023]

Preliminary results of the sampling campaign in the area of Lecce and province with SMART SAMPLERS HSRS F20 and OPTracers

E. Merico, F. Unga, S. Potì, D. Cesari, A. Dinoi, M. Conte, M.R. Guascito, A. De Bartolomeo, A. Carlino, A. Pennetta, G.E. De Benedetto, D. Contini

Preliminary report of the Project FAI 2020 - Collaborazione ISAC-FAI Instruments per lo svolgimento di uno studio della variabilità spaziale delle concentrazioni di PM₁₀ e PM_{2.5} con campionatori smart HSRS e contatori ottici OPCTracers in siti di misura nell'area di Lecce

[2019] REPORT Ambiente e Salute in provincia di Lecce - Aggiornamento 2020

ASL Lecce, ARPA Puglia, Provincia di Lecce, **ISAC-CNR**, IFC-CNR, Unisalento, INAIL Lecce/Brindisi

Report of the Re. PO.L. - Rete per la Prevenzione Oncologica Leccese

[2019] Analysis report in Venice

E. Gregoris, E. Morabito, E. Barbaro, M. Feltracco, G. Toscano, A. Gambaro, **E. Merico**, F.M. Grasso, D. Cesari, M. Conte, D. Contini

Report of the project ECOMOBILITY - ECOlogical supporting for traffic Management in cOastal areas By using an IntelLlgenT sYstem, funded by EC - European Commission, European Regional Development Fund, Interreg Italy-Croatia

[2019] **Analysis report in Rijeka**

A. Alebić-Juretić, B. Mifka, V. Zubak, D. Kontošić, P. Žurga, M. Mezlar, D. Odorčić, **E. Merico**, F.M. Grasso, D. Cesari, M. Conte, D. Contini

Report of the project ECOMOBILITY - ECOlogical supporting for traffic Management in cOastal areas By using an IntelLlgenT sYstem, funded by EC - European Commission, European Regional Development Fund, Interreg Italy-Croatia

[2019]

Report assessing and comparing the impact of ship traffic to particulate matter of difference sizes in the two cities

E. Gregoris, E. Morabito, E. Barbaro, M. Feltracco, G. Toscano, A. Gambaro, **E. Merico**, F.M. Grasso, D. Cesari, M. Conte, D. Contini, B. Mifka, V. Zubak, D. Kontošić, P. Žurga, M. Mezlar, D. Odorčić, A. Alebić-Juretić

Report of the project ECOMOBILITY - ECOlogical supporting for traffic Management in cOastal areas By using an IntelLlgenT sYstem, funded by EC - European Commission, European Regional Development Fund, Interreg Italy-Croatia

[2019] **Common publications on International scientific journals**

D. Cesari, M. Conte, F.M. Grasso, **E. Merico**, D. Contini, E. Gregoris, E. Morabito, E. Barbaro, M. Feltracco, G. Toscano, B. Mifka, V. Zubak, D. Kontošić, P. Žurga, M. Mezlar, D. Odorčić, A. Alebić-Juretić

Report of the project ECOMOBILITY - ECOlogical supporting for traffic Management in cOastal areas By using an IntelLlgenT sYstem, funded by EC - European Commission, European Regional Development Fund, Interreg Italy-Croatia

[2019] **Analisi TOT per la determinazione della frazione carboniosa**

D. Contini, **E. Merico**

Commissioned by ECO STUDIO di Calzavacca Luigi & C.

[2018] **Studio della qualità dell'aria a Sarno**

D. Contini, **E. Merico**, F.M. Grasso, D. Cesari, S. Decesari, F. Belosi, F. Manarini, M. Rinaldi, F. Volpi, A. Gambaro, E. Morabito

Commissioned by Comune di Sarno

[2018]

Modello a dispersione per la valutazione dei contributi delle attività portuali alle concentrazioni di inquinanti atmosferici

D. Contini, **E. Merico**, A. Dinoi

Report of the project ISMAEL - Sviluppo di un sistema integrato per la valutazione, il monitoraggio ed il miglioramento delle prestazioni ambientali di filiere di trasporto e movimentazione delle merci in aree e attività portuali, funded by DBA S.p.A. Group and Apulia Region, POR - FESR - PIA Titolo 2 Capo 2 POMA5X7

[2017] **Localizzazione delle centraline di monitoraggio nell'area di Bari**

D. Contini, **E. Merico**, A. Dinoi

Report of the project ISMAEL - Sviluppo di un sistema integrato per la valutazione, il monitoraggio ed il miglioramento delle prestazioni ambientali di filiere di trasporto e movimentazione delle merci in aree e attività portuali, funded by DBA S.p.A. Group and Apulia Region POR - FESR - PIA Titolo 2 Capo 2 POMA5X7

[2017]

Inter-confronto di sensori speditivi per la rilevazione di parametri di qualità dell'aria

D. Contini, **E. Merico**, A. Dinoi

Report of the project ISMAEL - Sviluppo di un sistema integrato per la valutazione, il monitoraggio ed il miglioramento delle prestazioni ambientali di filiere di trasporto e movimentazione delle merci in aree e attività portuali, funded by DBA S.p.A. Group and Apulia Region POR - FESR - PIA Titolo 2 Capo 2 POMA5X7

[2016]

Analisi del contributo della centrale termoelettrica Brindisi Sud alle concentrazioni di particolato atmosferico

D. Contini, D. Cesari, **E. Merico**, A. Dinoi

Report of the project IT_BR_2017, funded by ENEL S.p.A.

[2015]

Validation of the results of the WRF-CAMx modelling system: case study for the 2010 in the Apulia Region

D. Contini, **E. Merico**, D. Cesari, A. Donateo

Report of the project EN_D2, funded by ENEL S.p.A.

[2015]

Inter-comparison of the impacts of maritime activities on air pollution in four port-cities of the Adriatic/Ionian Macroregion: trends, policy gaps and possible future strategies

D. Contini, A. Donateo, D. Cesari, **E. Merico**, A. Dinoi, R. Cesari, A. Maurizi, F.M. Grasso, M. Conte, A. Gambaro, A. Argiriou, A. Alebic-Juretic, E. Barbaro, S. Dimopoulos, E. Gregoris, A. Karagiannidis, T. Ivosevic, N. Liora, D. Melas, B. Mifka, I. Orlic, A. Poupkou, K. Sarovic

Report of the project POSEIDON - Pollution monitoring of Ship Emissions: an Integrated approach for harbours of the adriatic basin, funded by EC - European Commission, European Territorial Cooperation Programme MED 2007-2013

[2015] **Assessment of air quality impact of Brindisi harbour**

D. Contini, A. Gambaro, A. Donateo, D. Cesari, **E. Merico**, A. Dinoi, R. Cesari, A. Maurizi, F.M. Grasso, M. Conte, G. Giovanelli, S. Masieri, M. Premuda, E. Gregoris, E. Barbaro

Report of the project POSEIDON - Pollution monitoring of Ship Emissions: an Integrated approach for harbours of the adriatic basin, funded by EC - European Commission, European Territorial Cooperation Programme MED 2007-2013

[2014] **Assessment of air quality impact of Venice harbour**

A. Gambaro, D. Contini, E. Gregoris, E. Barbaro, R. Piazza, A. Donateo, D. Cesari, **E. Merico**

Report of the project POSEIDON - Pollution monitoring of Ship Emissions: an Integrated approach for harbours of the adriatic basin, funded by EC - European Commission, European Territorial Cooperation Programme MED 2007-2013

[2014]

Assessment report based on the observational data in Brindisi". Rapporto finale di progetto CESAPO, 2014.

Contini D., Giua R., Donateo A., Cesari D., Grasso F.M., **Merico E.**, Ielpo P., Giovanelli G., Premuda M., Masieri S., Kostadinov I., Bortoli D., Nocioni A., Pastore T., Spagnolo S., Gambaro A., Gregoris E.

Report of the project CESAPO - Contribution of Emission Sources on the Air quality of the POrt-cities in Greece and Italy, funded by EC - European Commission, European Territorial Cooperation Programma Greece-Italy 2007-2013

[2013]

Source apportionment del PM10 in tre siti di misura nell'area di Civitavecchia

D. Contini, A. Donateo, D. Cesari, M. Conte, P. Ielpo, **E. Merico**

Report of the project EN_D3, funded by ENEL S.p.A.

[2013]

Validation and optimisation of the source apportionment method for PM10 applied to measurement campaigns in the area of Civitavecchia

D. Contini, A. Donateo, D. Cesari, M. Conte, P. Ielpo, **E. Merico**

Report of the project EN_D3, funded by ENEL S.p.A.

[2012]

Source apportionment del PM10 in diversi siti di misura nell'area di Civitavecchia

D. Contini, A. Donateo, D. Cesari, M. Conte, P. Ielpo, **E. Merico**

Report of the project EN_D2, funded by ENEL S.p.A.

[2012]

Best practice on dispersion and receptor models applied to coal combustion power plants

D. Contini, A. Donateo, D. Cesari, M. Conte, P. Ielpo, **E. Merico**

Technical note for the project EN_D2, funded by ENEL S.p.A.

[2012]

Source apportionment of PM10 collected in different measurement campaigns in the area of Civitavecchia

D. Contini, A. Donateo, D. Cesari, M. Conte, P. Ielpo, **E. Merico**

Technical note for the project EN_D1, funded by ENEL S.p.A.

[2012]

Analysis of source chemical profiles, planning of the measurement campaign and of the chemical characterization of aerosol

Contini D., Genga A., Cesari D., Siciliano M., Donateo A., Grasso F.M., **Merico E.**

Report of the project CESAPO - Contribution of Emission Sources on the Air quality of the POrt-cities in Greece and Italy, funded by EC - European Commission, European Territorial Cooperation Programma Greece-Italy 2007-2013

OUTREACH ACTIVITIES

[2016 – Current]

Guida ospitante “Giornate di promozione della Cultura Scientifica”

Giornate di divulgazione organizzate dalla Provincia di Lecce c/o Laboratori ISAC-CNR U.O.S. Lecce con studenti scuole secondarie di secondo grado (Licei Scientifici, Istituti tecnici e professionali) di Lecce e provincia

[10/05/2023]

Seminar "Air particulate matter: examples of approaches for identification of potential sources and estimation of their relative contribution"

Vertical training - visit of a Libyan delegation of academic people, organized by University of Salento, within the project ERASMUS+ IBTIKAR "PROMOTING RESEARCH AND INNOVATION ENVIRONMENT IN THE LIBYAN HIGHER EDUCATION SYSTEM (<https://ibtikarproject.eu/>), c/o Campus Ecotekne (Lecce)

[31/03/2023] **Guida ospitante**

Attività di divulgazione scientifica c/o Laboratori ISAC-CNR U.O.S. Lecce, nell'ambito del Progetto Erasmus+ 2022-1-IT02-KA121-SCH-000058516 Using Open Data to study the environment and climate change, con studenti scuole secondarie di secondo grado dell'I.T.E.T. "G. Deledda" di Lecce ed una delegazione portoghese di allievi e docenti

[30/09/2022]

Researchers' Night 2022 - Project ERN-Apulia3, UE-H2020-MSCA-NIGHT-2020bis, Grant No. 101036086 - Lecce

Partecipazione con stand ISAC-CNR U.O.S. Lecce, con poster, pillole video e strumentazione attiva delle attività svolte ed in corso

[28/03/2021] **Webinar "Il particolato atmosferico - Campionamento e caratterizzazione"**

Destinato agli allievi delle classi IV e V dell'Istituto Tecnico "G. Deledda" - Lecce, indirizzo Biotecnologie Ambientali

[09/09/2019 – 31/12/2019] **Tutor tirocinio curriculare - 175 ore**

Laureanda Corso Triennale in Scienze e tecnologie per l'ambiente, Facoltà di Scienze Matematiche, Fisiche e Naturali, Università del Salento - Lecce

Tematica: "Analisi della frazione carboniosa del particolato atmosferico raccolto in modalità size-segregated in aree portuali dell'Adriatico (Venezia e Rijeka)"

[26/09/2019]

Researchers' Night 2019 - Project ERN-Apulia, UE-H2020-MSCA-NIGHT-2018, Grant No. 818783 - Lecce

Partecipazione con stand ISAC-CNR U.O.S. Lecce, con poster, pillole video e strumentazione attiva delle attività svolte ed in corso

[27/09/2018]

Researchers' Night 2018 - Project ERN-Apulia, UE-H2020-MSCA-NIGHT-2018, Grant No. 818783 - Lecce

Partecipazione con stand ISAC-CNR U.O.S. Lecce, con poster, pillole video e strumentazione attiva delle attività svolte ed in corso

[30/05/2018 – 26/06/2018] **Tutor aziendale progetto PON - ore 50**

Destinato agli allievi Liceo Scientifico Statale "C. De Giorgi" - Lecce

PON10.2.5A-FSEPON-PU-2017-10 CUP J81I17000050007 "Nanotecnologia, Clima e Ambiente per lo sviluppo sostenibile"

[06/2017 – 06/2018] **Tutor aziendale programma di alternanza scuola-lavoro - 160 ore**

Destinato ad allieva del Liceo Scientifico "C. De Giorgi" negli anni scolastici 2016-2017 e 2017-2018

[24/10/2016]

Seminar "Assessment of air pollutants contribution of harbour activities in Venice and Brindisi areas"

c/o ISAC-CNR U.O.S. Lecce

PROJECTS

[01/11/2022 – Current]

"ITINERIS - Italian Integrated Environmental Research Infrastructures System"

PIANO NAZIONALE DI RIPRESA E RESILIENZA (PNRR) MISSIONE 4, COMPONENTE 2, INVESTIMENTO 3.1 "Fondo per la realizzazione di un sistema integrato di infrastrutture di ricerca e innovazione"

[18/07/2022 – Current] **NOSE (Network for Odour SEnsitivity) - 2 ARPA SICILIA**

Convenzione ARPA SICILIA-ISAC CNR

[17/09/2020 – 16/09/2021]

FAI 2020 - Contratto ISAC-FAI Instruments per lo svolgimento di uno studio da svolgersi con dei campionatori SMART SAMPLER ed eventuali Smart OPC monitor in

Il progetto mira alla raccolta di particolato atmosferico, PM10 e PM2.5, in zone particolarmente sensibili all'impatto del PM sulla salute umana e ambiente (hot spot ambientali), attraverso l'utilizzo di campionatori SMART SAMPLER HSRS outdoor sviluppati da Fai Instruments s.r.l., una parte dei quali saranno accoppiati al nuovo OPC IOMS che permette rilevazioni ad alta risoluzione temporale del particolato atmosferico.

Link: <https://www.isac.cnr.it/en/projects/fai-2020-contratto-isac-fai-instruments-lo-svolgimento-di-uno-studio-da-svolgersi-con-dei>

[14/10/2018 – 13/10/2020] **Paper Analyser for Particulate Exposure Risk - PAPER**

Funded by Apulia Region, call INNONETWORK

[31/12/2017 – 29/06/2019]

ECological supporting for traffic Management in cOastal areas By using an InteLLigenT sYstem - ECOMOBILITY

Funded by EC - European Commission, European Regional Development Fund, Interreg Italy-Croatia

[2016 – 2018]

Sviluppo di un sistema integrato per la valutazione, il monitoraggio ed il miglioramento delle prestazioni ambientali di filiere di trasporto e movimentazione delle merci in aree e attività portuali - ISMAEL

Founded by DBA S.p.A. Group and Apulia Region, POR – FESR – PIA Titolo 2 Capo 2 POMA5X7

[31/05/2014 – 30/05/2015]

Pollution monitoring of Ship Emissions: an Integrated approach for harbours of the Adriatic basin - POSEIDON

Funded by EC - European Commission, European Territorial Cooperation Programme MED 2007-2013

[2012 – 2014]

Prodotti, metodologie e tecnologie originali e sostenibili per la diagnostica e la conservazione dell'edilizia storica - PROMETEOS

Founded by Apulia Region, P.O. Puglia FESR 2007-2013, Linea 1.2-Azione 1.2.4 Call "Aiuti a sostegno dei partenariati regionali per l'innovazione"

[02/07/2012 – 30/12/2014]

Infrastruttura di Alta tecnologia per il Monitoraggio Integrato Climatico-Ambientale - I-AMICA

iamica.bo.cnr.it | [Infrastruttura di alta tecnologia per il monitoraggio integrato climatico ambientale/iamica.bo.cnr.it \(i-amica.it\)](http://Infrastruttura di alta tecnologia per il monitoraggio integrato climatico ambientale/iamica.bo.cnr.it (i-amica.it))

[31/12/2010 – 29/06/2014]

Contribution of Emission Sources on the Air quality of the Port-cities in Greece and Italy - CESAPO

Funded by EC - European Commission, European Territorial Cooperation Programme Greece-Italy 2007-2013

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

English






LISTENING B1 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Digital Skills - Test Results

 Information and data literacy	ADVANCED	Level 6 / 6
 Communication and collaboration	ADVANCED	Level 5 / 6
 Digital content creation	ADVANCED	Level 5 / 6
 Safety	INTERMEDIATE	Level 3 / 6
 Problem solving	ADVANCED	Level 6 / 6

Results from [self-assessment](#) based on [The Digital Competence Framework 2.1](#)

My Digital Skills

Microsoft Excel | Microsoft Word | Microsoft Office | Microsoft Powerpoint | Skype | Zoom | Google Drive | LinkedIn | Facebook | Organizational and planning skills | Google Docs | Written and Verbal skills | Reliability | RStudio (beginner level) |

Conoscenza di Software Gis QGis ArcGis (di base) e Google Earth Pro | ArcGIS (Geographic Information System) Mapping Application | PDN PaintNET | Reference Management software Zotero EndNoteMendeley | Decision-making | Outlook | Team-work oriented | Presenting | Internet user | Analytical skills | GoToMeeting | Cisco WebEx Skype Zoom Microsoft TeamsOffice 365

OTHER COURSES/ WORKSHOP

ROADSHOW - FOCUS SUL MONITORAGGIO DELLA QUALITÀ DELL'ARIA INDOOR E OUTDOOR

Organizzato da LabService analytica e Palas. Taranto-Lecce, 9-11 Maggio 2023.

Corso di Primo Soccorso - 8 ore

Organizzato da Unità Prevenzione e Protezione del CNR (SPP - CNR) e Unità Formazione e Welfare del CNR, Lecce, 14 Dicembre 2021

Webinar "Epidemiologia e modalità di trasmissione del virus SARS-COV-2 - Misure per il contrasto e la prevenzione del CNR" - 3 ore

Organizzato da Unità Prevenzione e Protezione del CNR (SPP - CNR) e Unità Formazione e Welfare del CNR, Lecce, 11 Giugno 2020

Workshop "Source Apportionment: nuove tecniche e frontiere dell'applicazione"

Organizzato da Italian Aerosol Society - IAS, Milan, 20-21 February 2019

DRIVING LICENCE

Cars: B