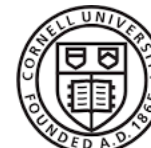




Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Cornell University

'AIR POLLUTION MITIGATION USING PASSIVE TECHNIQUES IN THE BUILT ENVIRONMENT'

MONDAY 16TH SEPTEMBER 2019



2019 WEBINAR SERIES



AIR POLLUTION MITIGATION USING PASSIVE TECHNIQUES IN THE BUILT ENVIRONMENT: SHARING INTERNATIONAL BEST PRACTICE



WELCOME TO THE FIFTH WEBINAR OF THIS SERIES

WE WILL BEGIN AT 11.25 NZST AND WILL KEEP TO TIME. THANK YOU FOR JOINING AND YOUR PATIENCE.

GREEN INFRASTRUCTURE, SOLID BARRIERS AND URBAN DESIGN



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GREEN INFRASTRUCTURE, SOLID BARRIERS AND URBAN DESIGN

DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION

WELCOME



CENTRE FOR AIR POLLUTION, ENERGY AND HEALTH RESEARCH (CAR)

WEB: WWW.CAR-CRE.ORG.AU/



THE CENTRE FOR AIR POLLUTION, ENERGY AND HEALTH RESEARCH (CAR) IS THE ONLY CENTRE OF RESEARCH EXCELLENCE IN AUSTRALIA TO BRING TOGETHER RESEARCHERS FOCUSING ON THE IMPACTS OF AIR POLLUTION AND NEW FORMS OF ENERGY ON OUR HEALTH.

ESTABLISHED IN 2017, CAR BRINGS TOGETHER MORE THAN 30 RESEARCHERS FROM AROUND AUSTRALIA AND INTERNATIONALLY ON THREE THEMES: FOSSIL FUELS, ENERGY TRANSITIONS AND LANDSCAPE FIRES. ULTIMATELY, RESEARCH SEEKS TO IMPROVE THE HEALTH OF POPULATIONS THROUGH CLEANER AIR AND CLEANER ENERGY SOURCES. TO DO THIS, CAR HAS A STRONG FOCUS ON RESEARCH TRANSLATION: THEY UNDERTAKE RESEARCH THAT THEIR STAKEHOLDERS NEED AND COMMUNICATE THEIR FINDINGS TO THE WIDER WORLD.

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AIR POLLUTION MITIGATION USING PASSIVE TECHNIQUES IN THE BUILT ENVIRONMENT

OVERVIEW OF THIS WEBINAR



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HOSTS:



CO-CHAIRS:



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Cornell University

SPEAKERS:



THE UNIVERSITY OF
AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND



UNSW
SYDNEY

WEBINAR TALKS

“INTEGRATING PASSIVE CONTROLS IN THE URBAN ENVIRONMENT PLANNING PROCESS:
RESEARCH AND PRACTICE”

“THE POTENTIAL FOR GREEN INFRASTRUCTURE TO REDUCE EXPOSURE
TO AIR POLLUTION IN CITIES”

“GREEN INFRASTRUCTURE: HOW IT FITS WITHIN URBAN SPACES”

Q&A AND PANEL DISCUSSION



AUT/WIN SERIES WEBINARS & CLOSING

MONDAY 21 ST OCTOBER	THE INTERNATIONAL AGENDA FOR URBAN AIR POLLUTION AND MITIGATION
THURSDAY 13 TH NOVEMBER	FURTHER NUMERICAL MODELLING TO ASSESS PASSIVE MITIGATION OF AIR POLLUTION: CAPTURING THE WORLD IN NUMBERS
THURSDAY 12 TH DECEMBER	THE FUTURE OF PASSIVE AIR POLLUTION MITIGATION: FINANCING CLEANER AND GREENER CITIES

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CO-CHAIRS:



ASST PROF. JOHN GALLAGHER
TRINITY COLLEGE DUBLIN, IRELAND



PROF. MAX ZHANG
CORNELL UNIVERSITY, USA



Cornell University

“INTEGRATING PASSIVE CONTROLS IN THE URBAN ENVIRONMENT PLANNING PROCESS: RESEARCH AND PRACTICE”

ASSOC. PROF JENNIFER SALMOND, UNIVERSITY OF AUCKLAND, NEW ZEALAND



“THE POTENTIAL FOR GREEN INFRASTRUCTURE TO REDUCE EXPOSURE TO AIR POLLUTION IN CITIES”

ASSOC. PROF PAUL OSMOND, UNIVERSITY OF NEW SOUTH WALES, AUSTRALIA



“GREEN INFRASTRUCTURE: HOW IT FITS WITHIN URBAN SPACES”

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PROGRAMME TALKS



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Cornell University

PROF. MAX ZHANG
CORNELL UNIVERSITY, USA



“INTEGRATING PASSIVE CONTROLS IN THE URBAN ENVIRONMENT PLANNING PROCESS: RESEARCH AND PRACTICE”

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ASSOC. PROF. JENNIFER SALMOND
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UNSW
SYDNEY



ASSOC. PROF. PAUL OSMOND
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Q&A AND PANEL DISCUSSION

Q&A FROM AUDIENCE

@ENVDRJOHNG

#PASSIVEAIRPOLLUTIONMITIGATION



#GREENINFRASTRUCTURE

#SOLIDBARRIERS

#URBANDESIGN

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MONDAY 21ST OCTOBER



“THE INTERNATIONAL AGENDA FOR URBAN AIR POLLUTION AND MITIGATION”



THE ‘AIR QUALITY IN THE BUILT ENVIRONMENT’ CAMPAIGN

CATRIONA BRADY, WORLD GREEN BUILDING COUNCIL & SANDRA CAVALIERI, CLIMATE & CLEAN AIR COALITION

THE VALUE OF URBAN GREEN SPACES: FOR AND BEYOND AIR QUALITY

DR PIERPAOLO MUDU, EUROPEAN CENTRE FOR ENVIRONMENT AND HEALTH, WORLD HEALTH ORGANISATION



ADVANCING AIR QUALITY AND CLIMATE CHANGE ACTION IN ASIA THROUGH CAPACITY BUILDING AND ACTION PLANNING

DANG ESPITA-CASANOVA, CLEAN AIR ASIA, MANILA, PHILIPPINES

CLEAN AIR OUTLOOK FOR EUROPE: TOWARDS AND BEYOND COMPLIANCE

MARTIN SCHNEEKLOTH, CLEAN AIR UNIT IN THE EUROPEAN COMMISSION, BELGIUM



SPEAKERS:



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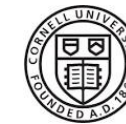
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DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION NOVEMBER & DECEMBER



Cornell University

WEDNESDAY 13TH NOVEMBER

“FURTHER NUMERICAL MODELLING TO ASSESS PASSIVE MITIGATION OF AIR POLLUTION: CAPTURING THE WORLD IN NUMBERS”



Impacts of Avenue-Trees and Hedgerows on Dispersion of Traffic Pollutants in Urban Street Canyons

Dr. Christof Gromke, Karlsruhe Institute of Technology, Germany



Roadside Barrier Dispersion Algorithm Development with Meteorological Wind Tunnel Support

Dr. David Heist, U.S. Environmental Protection Agency, USA



Air Pollution Mitigation using Green Infrastructure

Dr. Riccardo Buccolieri, University of Salento, Italy

THURSDAY 12TH DECEMBER

“THE FUTURE OF PASSIVE AIR POLLUTION MITIGATION: FINANCING CLEANER AND GREENER CITIES”



The Economic and Air Quality Environmental Benefits of Urban Trees in Desert Regions

Dr. Rima J. Isaifan, Hamad Bin Khalifa University, Qatar



Strategies for Financing Greener Cities

Alexandru Matei, ICLEI - Local Governments for Sustainability, Europe



The Value of Clean Air in the Urban Environment

Beatriz Cardenas, World Resources Institute, Mexico

SPEAKERS:



UNIVERSITÀ
DEL SALENTO



WORLD
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KEY POINTS FROM TODAY

CREATING A COMMUNITY IN THIS SPACE OF AIR POLLUTION MITIGATION

www.ResearchGate.net/project/2019-Webinar-Series-Passive-Air-Pollution-Mitigation

MORE INFORMATION FROM THIS WEBINAR AND FURTHER WEBINARS IN THE SERIES

www.tcd.ie/CivilEng/Air-Pollution-Webinar-Series/

REGISTERING FOR FUTURE WEBINARS

https://Passive_Air_Pollution_Mitigation.eventbrite.com

CONTACT US DIRECTLY WITH ANY QUERIES, REQUESTS OR FURTHER INFORMATION: J.Gallagher@tcd.ie

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