

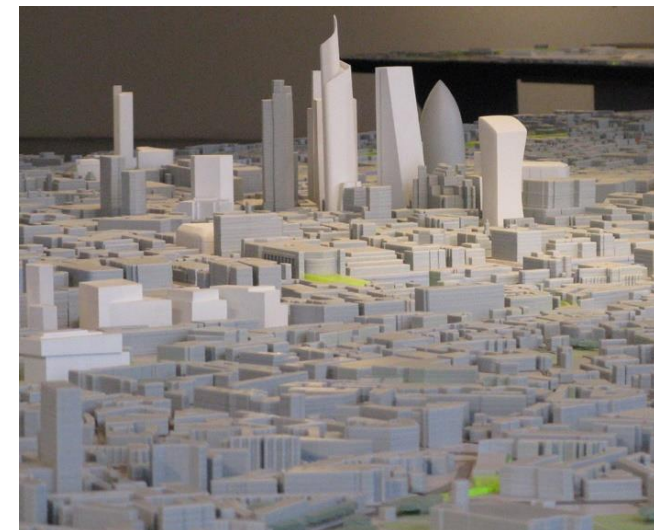


'THE FUTURE OF PASSIVE AIR POLLUTION MITIGATION: FINANCING CLEANER AND GREENER CITIES'

THURSDAY 12TH DECEMBER 2019

2019 WEBINAR SERIES

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



GREEN INFRASTRUCTURE, SOLID BARRIERS AND URBAN DESIGN

DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION

OVERVIEW OF THIS WEBINAR

INTRODUCTIONS

DR. RIMA J. ISAIFAN

HAMAD BIN KHALIFA UNIVERSITY, QATAR

DR. BEATRIZ GARDENAS

WORLD RESOURCES INSTITUTE, MEXICO

SIOBHAN MCQUAID

TRINITY COLLEGE DUBLIN, IRELAND

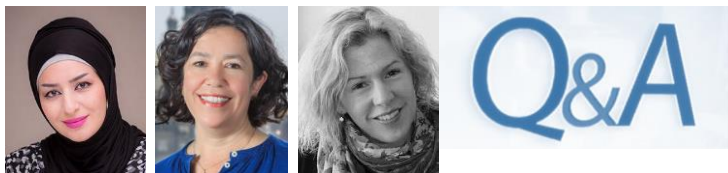
WEBINAR TALKS

“THE ECONOMIC AND AIR QUALITY ENVIRONMENTAL BENEFITS OF URBAN TREES IN DESERT REGIONS”

“THE VALUE OF CLEAN AIR IN THE URBAN ENVIRONMENT”

“FINANCING OF GREEN INFRASTRUCTURE AND NATURE BASED SOLUTIONS”

Q&A AND PANEL DISCUSSION



WEBINAR SERIES CLOSE

PARTICIPATION IN THE 2019 ‘PASSIVE AIR POLLUTION MITIGATION’ SERIES

WHAT NEXT...

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WEBINAR TALKS

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Q&A AND PANEL
DISCUSSION

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FINAL WEBINAR
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CLOSING COMMENTS

DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION

INTRODUCTIONS

WHY WE HAVE ORGANISED THIS WEBINAR?

PASSIVE AIR POLLUTION MITIGATION IS A VERY **ACTIVE FIELD OF RESEARCH** INTERNATIONALLY, BUT COMMUNICATION ACROSS COUNTRIES/CONTINENTS IS SOMEWHAT LIMITED.

THERE IS A NEED TO **SHARE FINDINGS ACROSS DISCIPLINES AND RESEARCH FIELDS,** AND **ENGAGE WITH DIFFERENT STAKEHOLDER GROUPS** TO DELIVER HEALTHIER URBAN GREEN SPACES.

THIS WEBINAR SERIES AIMS TO PROMOTE THE SHARING OF **BEST PRACTICES** AND **ENHANCE COLLABORATIONS** TO IMPROVE CLEANER AIR IN THE BUILT ENVIRONMENT.



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THE ECONOMIC AND AIR QUALITY ENVIRONMENTAL BENEFITS OF URBAN TREES IN DESERT REGIONS

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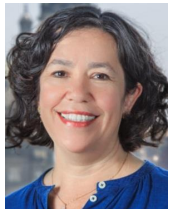


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THE VALUE OF CLEAN AIR IN THE URBAN ENVIRONMENT

DR. BEATRIZ CARDENAS

WORLD RESOURCES INSTITUTE, MEXICO



FINANCING OF GREEN INFRASTRUCTURE AND NATURE BASED SOLUTIONS

SIOBHAN MCQUAID

TRINITY COLLEGE DUBLIN, IRELAND



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

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HAMAD BIN KHALIFA
UNIVERSITY, QATAR



“THE ECONOMIC AND AIR QUALITY ENVIRONMENTAL BENEFITS OF URBAN TREES IN DESERT REGIONS”

Dr. Rima J. Isaifan is a researcher and a joint faculty at Hamad Bin Khalifa University. She has earned her Ph.D. in Chemical Engineering from the University of Ottawa in Canada. She is experienced in heterogeneous catalysis with nanomaterials for air pollution control.

Her current research focuses on urban greening to improve air quality, characterization of air pollutants (including traffic emissions), particulate matter source apportionment, and the estimation of health impact and burden of disease for long- and short-term exposure to air pollution.

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SPEAKER BIO



BEATRIZ CARDENAS
WORLD RESOURCES
INSTITUTE, MEXICO



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“THE VALUE OF CLEAN AIR IN THE URBAN ENVIRONMENT”

Dr. Cardenas is Air Quality Manager at WRI Mexico. She is an expert in air pollution, with experience in both science and policy, from the study of biological processes to treat air pollutants, to the design and implementation of integrated policies to achieve clean air.

She joined WRI to lead air quality work at WRI Mexico and works on developing strategies and programs to accelerate the path to a cleaner air. Prior to join WRI, she led the air pollution experimental research area at the National Institute of Ecology and Climate Change.

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SIOBHAN MCQUAID
TRINITY COLLEGE DUBLIN,
IRELAND



Trinity College Dublin
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“FINANCING OF GREEN INFRASTRUCTURE AND NATURE BASED SOLUTIONS”

Siobhan McQuaid is an Innovation Catalyst, Head of Innovation and Principal Investigator on Resilience and Sustainability at the Centre for Social Innovation in Trinity College Dublin. She is leading research on financing and business models for nature-based solutions (NBS) in the H202 Connecting Nature project.

Siobhan is a founding partner of the EC Task Force on Financing, Business Models and Governance of NBS, a council member of the SURE Standard for Sustainable and Resilient Infrastructure, and the founder and director of Horizon Nua, a not-for-profit foundation, translating research into practice for cities planning NBS.

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DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION

Q&A AND PANEL DISCUSSION

Q&A FROM AUDIENCE

15 MINUTES

@ENVDRJOHNG

#PASSIVEAIRPOLLUTIONMITIGATION



#GREENINFRASTRUCTURE

#SOLIDBARRIERS

#URBANDESIGN

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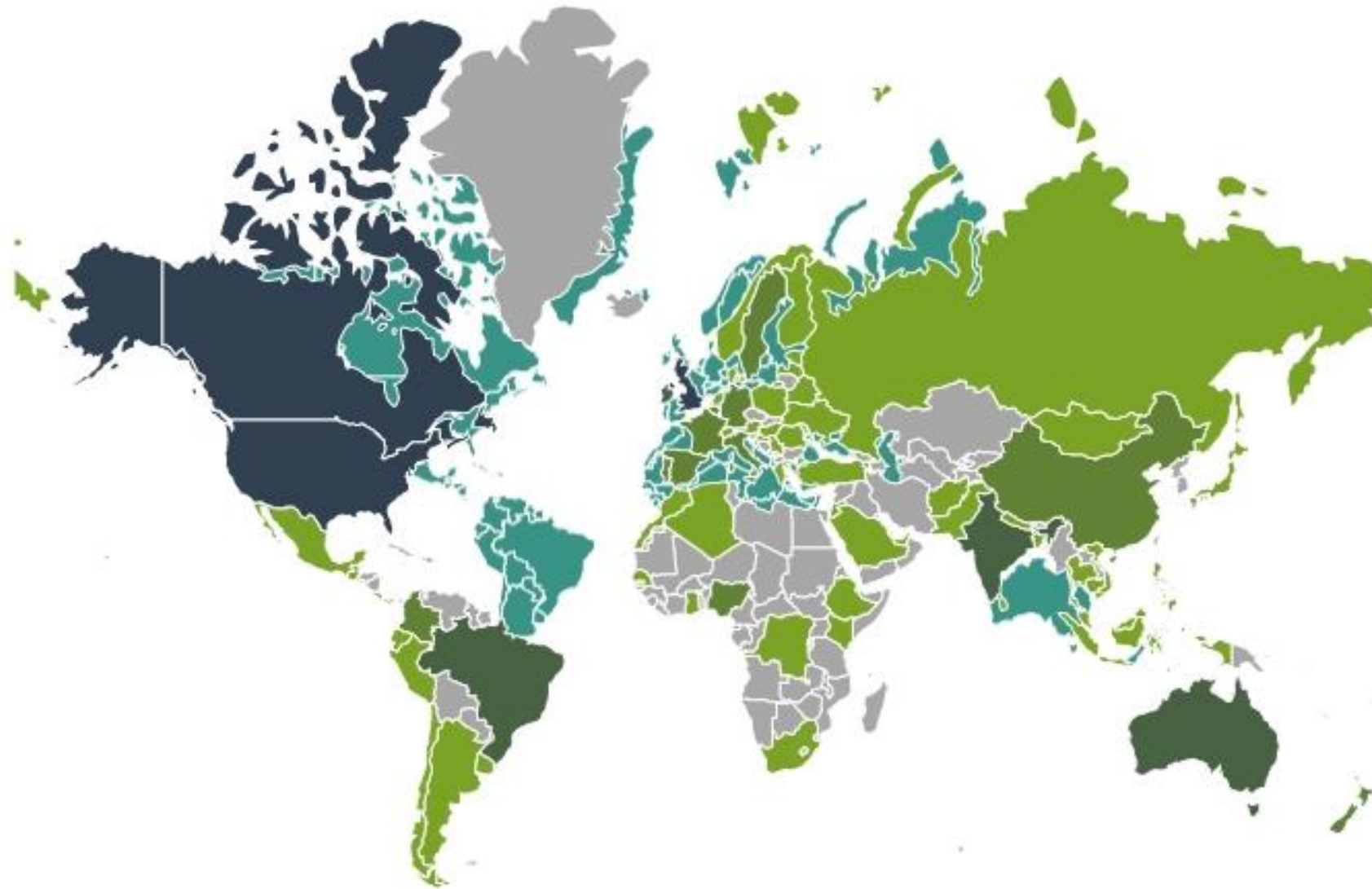
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CLOSING COMMENTS

2019 'Passive Air Pollution Mitigation' Webinar Participants



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DELVING INTO PASSIVE TECHNIQUES FOR AIR POLLUTION MITIGATION

CLOSING COMMENTS / WHAT NEXT?

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

