

# The Research Funding Landscape

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Sustainable Funding for Air Quality Initiatives | December 11, 2024

**Pallavi Pant, PhD**

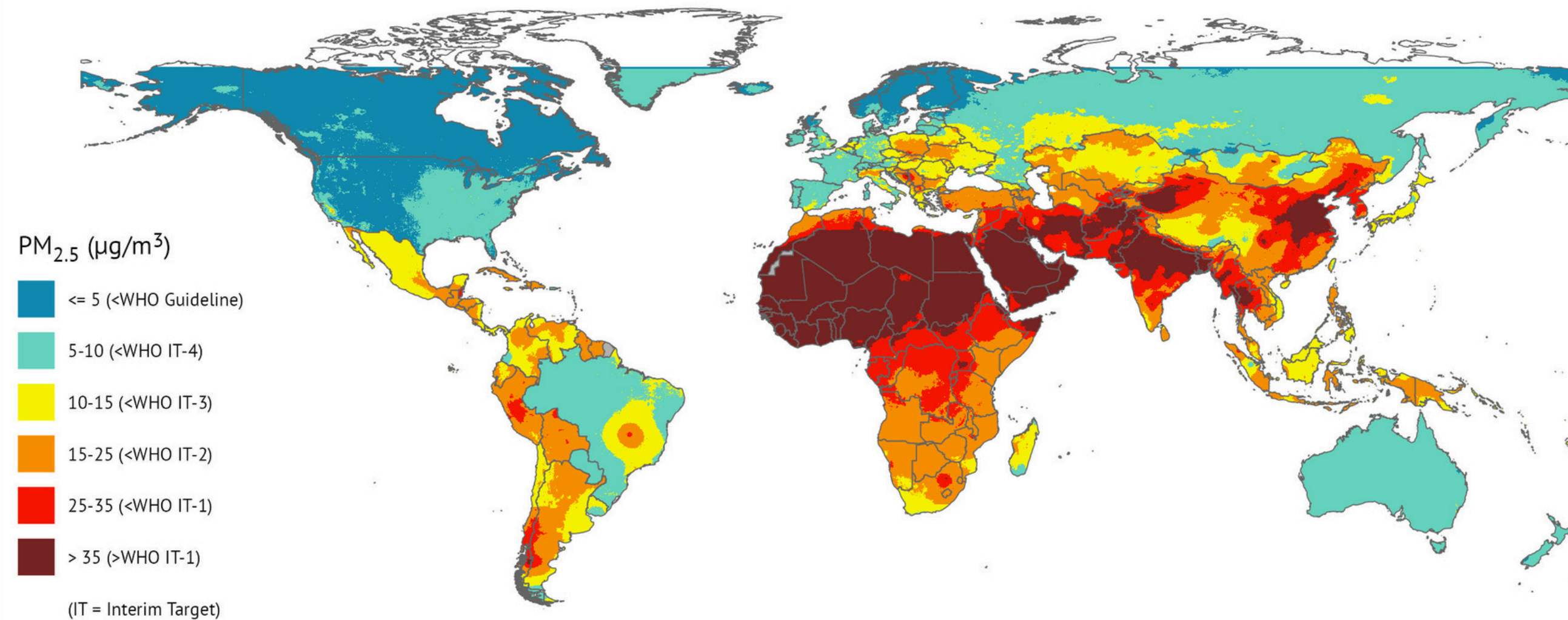
**Health Effects Institute**

[ppant@healtheffects.org](mailto:ppant@healtheffects.org)



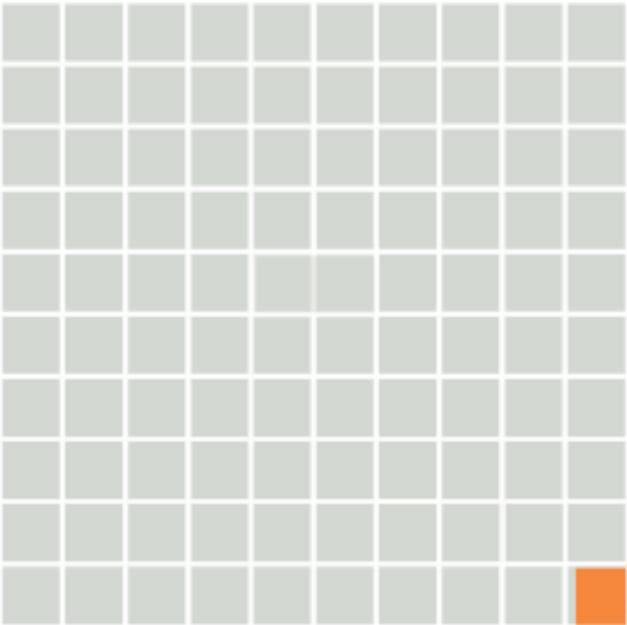
# AIR POLLUTION IS A LEADING RISK FACTOR FOR POOR HEALTH WORLDWIDE

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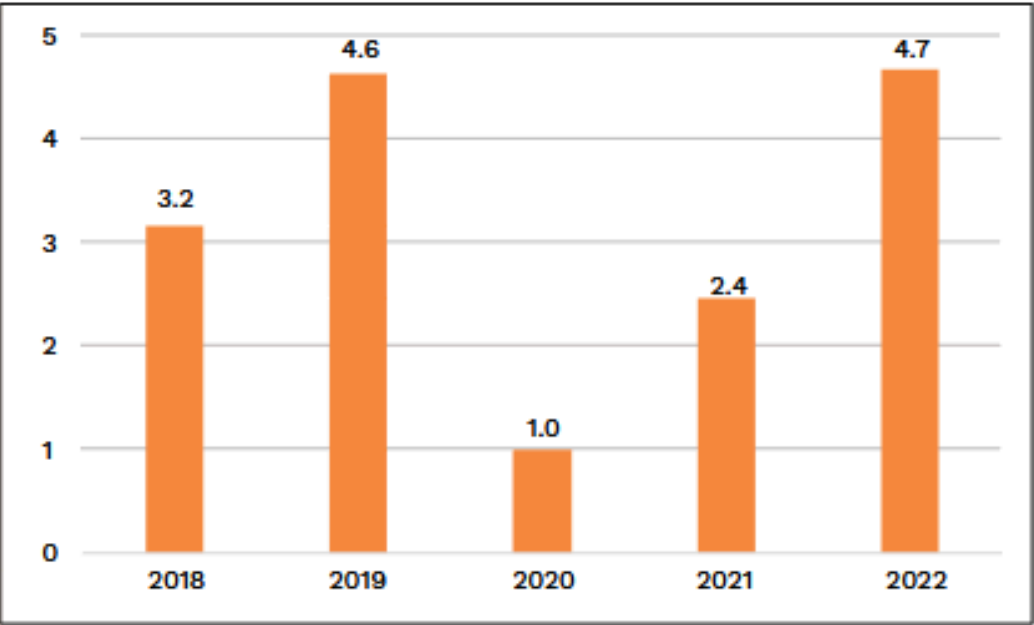


# THE FUNDING LANDSCAPE

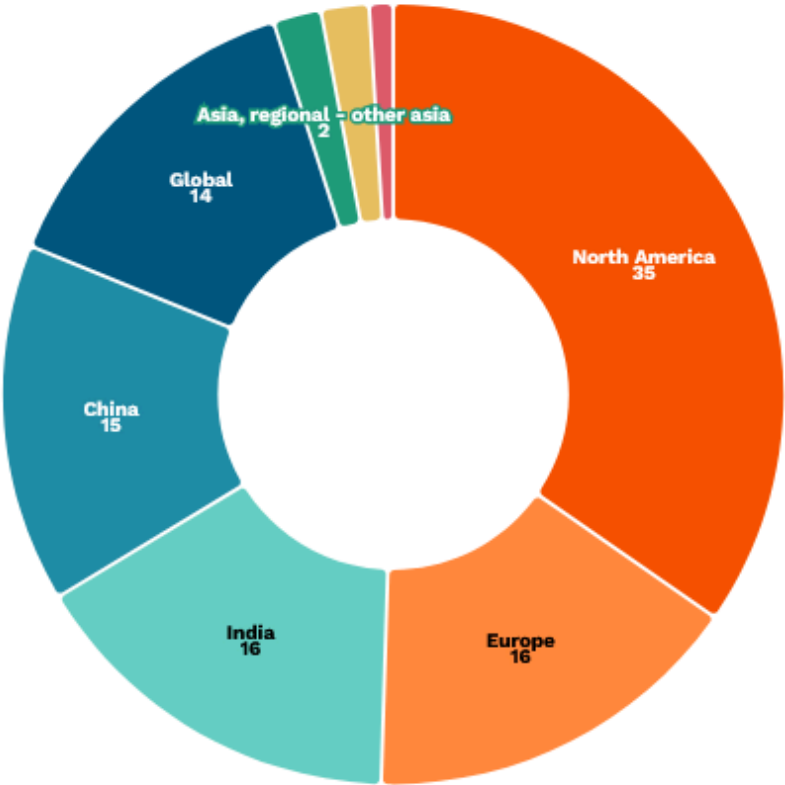
International development funding, 2018 – 2022



Outdoor air quality funding (\$ billion)



Regions receiving philanthropic funding for air quality  
% of \$330 million from 2015-2022



“ 0.42% of GDP spent on research and development in Africa, compared to the global average of 1.7% ”



# TYPES OF RESEARCH PROJECTS

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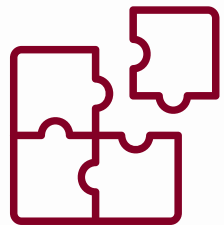
Air quality monitoring & modelling



Air Pollution and health– epidemiology, clinical trials, surveillance



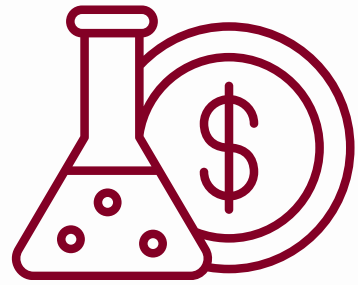
Interventions, policy



Travel Awards, Exchange, Miscellaneous

# TYPES OF FUNDING OPPORTUNITIES

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National or local government funding; international government funding



Bilateral or multilateral agencies; international agencies



Philanthropic organizations



Fellowships and scholarships

# WHO ARE THE KEY FUNDERS?

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Medical Research Council  
Natural Environment Research Council  
Others



Partnerships for  
Enhanced Engagement  
in Research (PEER)



# WHO ARE THE KEY FUNDERS?

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The African Research Initiative  
for Scientific Excellence (ARISE).

Transforming Africa into a knowledge-based and  
innovation-led continent.



AFRETEC NETWORK  
BY CARNEGIE MELLON-AFRICA



## Alliance for African Partnership :: 2024 Call for Proposals


Proposals are encouraged from diverse disciplinary  
perspectives. Submitted proposals must include...

 [isp.msu.edu](http://isp.msu.edu)

# OTHER FUNDERS/OPPORTUNITIES



**Home**  
Wellcome supports discovery research into life, health and wellbeing, and we're taking on three worldwide health challenges: mental health, climate and health and infectious diseases.

 Wellcome



**Grants and Investments**  
Since 1888, the National Geographic Society has awarded over 15,000 grants worldwide, which empowers recipients, who we call National Geographic Explorers.

 National Geographic Society



**Marie Skłodowska-Curie Actions**  
Developing talents, advancing research



**THE WORLD ACADEMY OF SCIENCES**  
*for the advancement of science in developing countries*





# OPEN OPPORTUNITIES

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## Climate Change and Human Health Seed Grants

[vc\_row][vc\_column width="1/1"]  
[vc\_column\_text]The Burroughs Wellcome Fund ai...

 Burroughs Wellcome Fund /

Wellcome Burroughs Fund  
*Small, early-stage grants of \$2,500–\$50,000*  
*Due: January 23, 2025*



## Climate and Health Award: Advancing climate mitigation solutions with health co-benefits in low- and middle-...

This funding call will generate a body of evidence on the health effects of climate change mitigation interventions in low- and middle-income countries (LMICs).

 Wellcome

Wellcome Trust  
Preliminary application due: 18 February 2025

# TRAINING AND SKILL BUILDING OPPORTUNITIES

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Africa Research Excellence Fund (AREF) Essential Grant-Writing Skills Programme

March/May 2025

Due: January 8, 2025

AAAS-TWAS Course on Science Diplomacy

Due: January 23, 2025

# PUBLISHING YOUR RESEARCH

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## **Journal of Health and Pollution Home**

Our journals publish new content on a continuous publication model. Each article is added to the Issue in Progress...

[ehp.niehs.nih.gov](http://ehp.niehs.nih.gov)

**PLOS GLOBAL PUBLIC HEALTH**

<https://journals.plos.org/globalpublichealth/>



**ISEE**

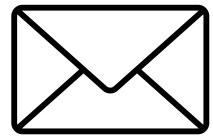
Peer Editing Program

[https://www.iseepi.org/peer\\_editing\\_program\\_pep.php](https://www.iseepi.org/peer_editing_program_pep.php)

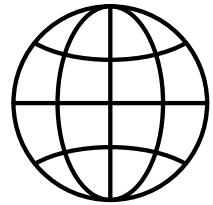


# LET'S TALK!

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[www.healtheffects.org](http://www.healtheffects.org)

