Update on HEI Global Health Program

HEI Annual Conference 2022 | June 26-28, 2022

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HEI Global Platform

Supported by: Clean Air Fund, UN Environment, Children’s Investment Fund Foundation

State of Global Air
Flagship platform on global and country-specific air pollution exposures and health impacts

Global Burden of Disease from Major Air Pollution Sources
HEI Research Report released December 2021

Targeted Analysis, Reports, Active Communication
Regional Spotlight Reports, Special Reports, Policy Briefs, Factsheets

Strengthening technical capacity in key regions
Support for targeted research and strengthening technical know-how in selected geographies (e.g., India)
State of Global Air

Ongoing partnership with IHME on the Global Burden of Disease (GBD) Study

Reports and interactive website with information on:

• Levels and impacts of air quality by country, regional comparisons

• Upcoming in 2022
  – Report on air quality and health in cities
  – Spotlight report for Africa
  – Long-term NO₂ exposures and impacts on children’s health

www.stateofglobalair.org
Major Air Pollution Sources and the Associated Health Burden

Study led by Erin McDuffie and colleagues; published in December 2021

**Goals**

**Identify** major sources,

**Inform** air quality management,

**Provide** a baseline against which to measure future progress

**Approach:** Use of latest emissions inventories categorized by sector and fuel, satellite data and air quality modeling, and most recent estimates of relationships between air quality and health.

[Diagram showing percentage contributions of different sources to air pollution]

HEI Global Platform
Regional Deployment

Southeast Europe

Synthesize relevant local health evidence in the context of global knowledge, identify key knowledge gaps.

Strategically communicate data & evidence on air pollution and health to inform and drive clean air action.

Completed
Reports on Air Quality and Health in Southeast Europe, Bulgaria
Hybrid workshop in Plovdiv, Bulgaria; other workshops and webinars
Interactive literature database

Upcoming
Report for Serbia - July 2022
ISEE 2022 Early Morning Session

India

Collaborative for Air Pollution and Health Effects Research–India

Research network in India, in partnership with All India Institute of Medical Sciences, Delhi and Indian Institute of Technology-Delhi

Targeted trainings, webinars and meeting
Research studies focused on health effects of air pollution in India

Completed
Virtual workshop on air pollution & health in India- October 2021
Hands-on workshop on epidemiological study designs – May 2022
Interactive literature database

Upcoming
Research studies
Policy briefs
ISEE 2022 Symposium

ISEE 2022 Early Morning Session

https://www.stateofglobalair.org/resources/southeast-europe

https://capherindia.org/