



National Institute of Environmental Health Sciences
Your Environment. Your Health.

Cross-Cultural Perspectives on Urban Sustainability and Health: Smart Solutions for Smart Cities in India

Today's Agenda

- **Welcome**

- Trisha Castranio, Program Manager, NIEHS Global Environmental Health Program
- John Balbus, M.D., M.P.H., Director, NIEHS-WHO Collaborating Center for Environmental Health Sciences and NIEHS Global Environmental Health Program

- **Making Delhi Healthier- Insights from the SHUE Database**

- Paul Wilkinson, MFPHM, FRCP, London School of Hygiene and Tropical Medicine

- **Mass Rapid Transportation Systems (MRTS): Sustainable Solutions for Sustainable Health in India**

- Dr. Nitish Dogra, Associate Professor and Convenor, Center for Climate, Environment and Health, International Institute of Health Management Research, New Delhi

- **The Science and Politics of Promoting Physical Activity in Urban Spaces**

- Anand Krishnan, M.D., Ph.D., All India Institute of Medical Sciences, New Delhi



What is NIEHS?



- One of 27 Institutes and Centers comprising NIH
- Mission: Discover how the environment affects people in order to promote healthier lives
- Extramural research: Over \$320 million in FY 2017
- In-house labs and the National Toxicology Program
- Publisher of Environmental Health Perspectives

NIEHS activities in Global Environmental Health

Research

- Focused on health effects and exposure assessment
- Special emphasis on populations in low- and middle-income countries

Translation

- Translate research findings into information leaders, decision makers, and individuals can use to improve health

Training and Capacity Building

- Support international training programs
- Partner with international institutions
- Support GEOHealth Program to build GEH research capacity

WHO-NIEHS Collaborating Centre

- NIEHS has been designated a WHO Collaborating Centre for Environmental Health Sciences since September 2013
- The Collaborating Centre provides a focal point for NIEHS GEH activities
- NIEHS assists WHO by:
 - Promoting international research collaborations
 - Raising global awareness of emerging issues
 - Supporting education and training in environmental and occupational health sciences



WHO-NIEHS Collaborating Centre

Focus Areas



Children's environmental health



Influence of environment on non-communicable diseases



Health effects of climate and weather extremes



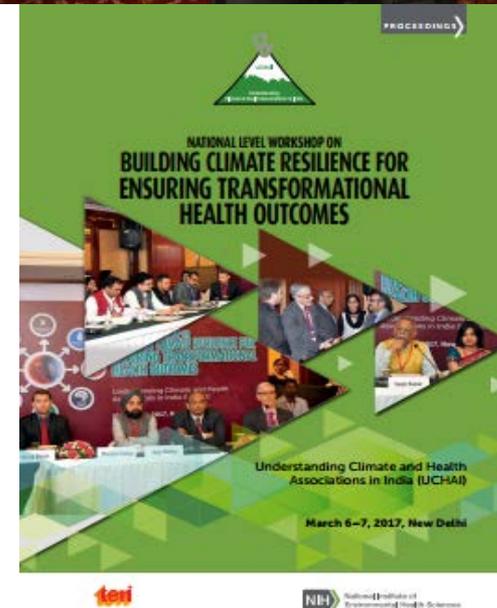
WHO Chemical Risk Assessment Network

Cross-Cutting Focus Area Topics

- Developmental origins of health and disease
- Chronic kidney disease of unknown origin
- E-waste
- Indoor air

Understanding Climate and Health Associations in India (UCHAI)

- Four Workshops
 - Launch in New Delhi- September 2015
 - Build Climate Resilience- February 2016
 - Transformational Health Outcomes- March 2017
 - US-India Partnership for Climate Resilience Workshop- October 2018
- Webpage and WhatsApp network
 - www.uchai.net
- Webinar series
 - Sustainable Development Goals
 - The use of meteorological forecasts for public health early warning system
 - Integrating Heat Adaptation with Climate and Disaster Plans





Questions For today's Speakers?

- Please use the Q&A Function in the lower right of your screen
 - Send questions to 'All'
- Not all questions will be answered today due to time
- Please direct questions unanswered to NIEHSGEH@mail.nih.gov