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