Kevin Cromar, PhD
Director, Air Quality Program
UNICEF-NYU-NASA Collaboration: *Health Air Quality Index (HAQI) Forecasts*

**HAQI**
- Health Air Quality Index (HAQI) Formulation: Specific child respiratory diseases (e.g., asthma)
  - Kevin Cromar (NYU)

**Satellite**
- Multi-Satellite HAQI (2004-present; PM$_{2.5}$ and NO$_2$, model O$_3$)
  - Lok Lamsal & Bryan Duncan (NASA HAQAST)

**Modeling**
- HAQI Retrospective (1980-present)
  - Lok Lamsal & Bryan Duncan (NASA HAQAST)

**Alerts**
- Develop App & Website
  - Toby Wicks (UNICEF)
- HAQI Forecasts (5-10 day)
  - Christoph Keller, Emma Knowland, Steven Pawson (NASA GMAO)
- AQ Alerts
  - Toby Wicks (UNICEF)
WHO Guideline

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<th>Good</th>
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<th>Poor</th>
<th>Very Poor</th>
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NYU Marron Institute of Urban Management