



# INDIA CLEAN AIR SUMMIT (ICAS) 2022

23-26 AUGUST 2022

## Agenda

### DAY 1: 23 August 2022

#### The Right to Life: Citizens at the Centre of Science and Policy (Inaugural Dinner)\*

|             |                                                                      |
|-------------|----------------------------------------------------------------------|
| 18:30–21:00 | Inaugural address                                                    |
|             | Guest address on climate change, air pollution, and society linkages |
|             | Dinner                                                               |

### DAY 2: 24 August 2022

#### Two Sides of the Same Coin: The Link Between Air Pollution and Climate Change

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 10:00–11:00 | Welcome address and introduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11:00–12:00 | <p><b>Session 1: Energy Fix – The Role of Low-Emission Technologies in Addressing Air Pollution &amp; Climate Change (Panel Discussion)</b></p> <p><b>Objective:</b> Adopt clean fuel technology through sustainable approaches for a holistic reduction in emissions in developing countries</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>• Availability of alternative low-emission technologies</li> <li>• Clean energy adaptation scenario in India</li> <li>• Role of sector-wise energy transition in reducing emissions</li> </ul> |
| 12:15–13:00 | <p><b>Session 2: Solutions for Pollution (Student Poster Competition, Round 1)</b></p> <p><b>Objective:</b> Evaluate students' posters and shortlist five posters for the final round to be presented on Day 3 of the event</p>                                                                                                                                                                                                                                                                                                                                         |

|                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14:00–15:00                                                                                                               | <p><b>Session 3: Seeing Is Believing – Addressing the Time Lag of Climate Change Impact to Enable Policies That Work (Presentation)</b></p> <p><b>Objective:</b> Assess the effect of air pollution on regional climate, livelihood, survival, etc.</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>• How air pollutants (aerosols) affect climate change</li> <li>• How air pollution and climate change affect peoples' livelihood at a regional scale</li> </ul> |
| 15:15–16:15                                                                                                               | <p><b>Session 4: The Number Game – Putting a Number on Our Losses (Panel Discussion)</b></p> <p><b>Objective:</b> Explore the economic impact of air pollution on the society, environment, and occupational health</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>• Ways to quantify air pollution externalities</li> <li>• Economic losses due to air pollution</li> <li>• Impact of air pollution on occupational health</li> </ul>                             |
| 16:15–17:15                                                                                                               | <p><b>Session 5: Introducing Sponsors</b></p> <p>Introduction of technologies and research outputs by sponsors</p>                                                                                                                                                                                                                                                                                                                                                                             |
| 17:15–17:30                                                                                                               | <p><b>Summary of the day and concluding remarks</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <p><b>DAY 3: 25 August 2022</b></p> <p><b>Tracking Clean Air Policies: Where Are We in the War Against Pollution?</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 10:00–10:30                                                                                                               | <p><b>Welcome note and keynote address</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 10:30–11:45                                                                                                               | <p><b>Session 1: Policy Manoeuvres – Way forward for NCAP (Panel Discussion)</b></p> <p><b>Objective:</b> Understand ground-level challenges faced by NCAP, identify interventions required for achieving NCAP targets, and highlight the way forward</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>• Achievements under NCAP to date</li> <li>• Ground-level challenges</li> <li>• Support/action required from different stakeholders</li> </ul>                |
| 12:00–13:00                                                                                                               | <p><b>Session 2: Solutions for Pollution (Student Poster Competition, Final Round)</b></p>                                                                                                                                                                                                                                                                                                                                                                                                     |

|                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14:00–15:10                                                                                           | <p><b>Session 3: Better Data for Better Policies – Standardising Measurement Practices (Presentation)</b></p> <p><b>Objective:</b> Frame a uniform measurement protocol using hybrid sensors, satellite data, mobile monitoring, etc., for informed policy decisions</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>Challenges in measuring air pollution levels</li> <li>Requirement of a common/standard framework for different types of measuring techniques</li> <li>Developing a framework for reporting the findings</li> </ul>                                                                                                            |
| 15:25–16:30                                                                                           | <p><b>Session 4: Policy Integration – Leveraging Co-benefits of Policies Addressing Air Pollution and Climate (Panel Discussion)</b></p> <p><b>Objective:</b> Discuss counter-intuitive policy decisions on climate and air pollution, identify the correlation between air pollution and climate change policies, and determine sustainable approaches</p> <p><b>Discussion points</b></p> <ul style="list-style-type: none"> <li>Sustainable Development Goals and air pollution</li> <li>Importance of developing common policies for air pollution and climate mitigation</li> <li>Adverse impact of isolated policymaking on air pollution and climate change</li> </ul> |
| 16:30–17:15                                                                                           | <p><b>Session 5: Introducing Sponsors</b></p> <p>Introduction of technologies and research outputs by sponsors</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 17:15–17:30                                                                                           | <p><b>Summary of the day and concluding remarks</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <p><b>DAY 4: 26 August 2022</b></p> <p><b>Air Sensor International Conference – India Chapter</b></p> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 10:00–10:45                                                                                           | <p><b>Opening panel:</b> Discussion of the current situation and perspectives regarding small, affordable air quality sensors and deliberate the common future we want to establish a vision that brings all perspectives together</p>                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 11:15–12:25<br>(Parallel)                                                                             | <p><b>Session 1A: Data Modelling and Analytics</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                       | <p><b>Session 1B: Choosing and Evaluating a Sensor</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 12:35–13:45<br>(Parallel)                                                                             | <p><b>Session 2A: Data Assimilation, Sharing, and Visualisation</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                                                                                                       | <p><b>Session 2B: Network Design and Operations</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 14:35–15:45                                                                                           | <p><b>Session 3: Performance Targets and Sensor Calibration</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 16:40–17:50                                                                                           | <p><b>Session 4: Real-World Sensor Applications</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 17:50–18:35                                                                                           | <p><b>Closing panel:</b> How to create consensus and move forward with common standardisation goals to influence improved air quality.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

\*Physical participation to the **inaugural session** is based on invitation