



Clean Air Sub-themes

Abstract submissions for the 2026 Clean Air and Environment Conference must focus on one of the following sub-themes.

NOTE: All abstract and paper submissions will be considered even if the conference theme and sub-themes are not specifically addressed.

Climate crisis

Relevant Special Interest Group (SIG): *Climate Change*

- Impacts of global warming on ambient air quality
- Integration of air quality modelling with climate projections
- Air quality co-benefits of climate mitigation policies, and vice versa
- Greenhouse gas accounting and reporting
- Aerosol-air pollution interactions in tropical environments

Public health

Relevant Special Interest Groups (SIGs): *Health, Indoor Air*

- Preventing harm from air pollution
- Addressing emerging air pollutants and health risks
- Risk assessment and effective communication techniques
- Tackling the inequitable burden of air pollution
- Indoor air quality and its role in public health

Sustainable cities and transport

Relevant Special Interest Groups (SIGs): *Climate Change, Health, Measurement, Modelling, Transport*

- Urban planning and design strategies for improved air quality
- Transport emissions – measurement, modelling and policy responses
- Air quality monitoring and integration in smart city systems
- Low emission transport solutions – electric vehicles, cleaner fuels and modal shift

Regulation

Relevant Special Interest Groups (SIGs): *Biomass Burning, Climate Change, Dust, Health, Indoor Air, Measurement, Modelling, Odour, Transport*

- Developing and implementing air quality standards and guidelines
- Compliance frameworks and enforcement mechanisms
- Monitoring and reporting for regulatory effectiveness
- Adapting regulation to address air quality and climate change challenges in tropical regions

Monitoring

Relevant Special Interest Groups (SIGs): Measurement, Dust

- Monitoring techniques: reference-grade systems, sensor networks and everything in between
- Challenges in stack testing and emission quantification
- Advances in data science and AI for air quality monitoring
- Citizen science and democratising access to monitoring technologies and data

Modelling advancements

Relevant Special Interest Groups (SIGs): Climate Change, Modelling

- Air quality modelling at local, regional and global scales
- Computing challenges of antiquity: speed and storage; online or offline
- Unique challenges for climate and pollution modelling in tropical regions
- Leveraging data science and AI

Industry

Relevant Special Interest Groups (SIGs): Biomass Burning, Climate Change, Dust, Health, Measurement, Modelling, Odour, Transport

- Managing amenity impacts: dust and odour
- Agricultural emissions and mitigation strategies
- Innovations in air pollution control technologies
- Air quality issues across general industrial sectors
- Shifting from fossil-fuel combustion to renewable energy

Smoke

Relevant Special Interest Groups (SIGs): Biomass Burning, Health, Measurement, Modelling

- Incorporating First People's knowledge systems in land and smoke management
- Monitoring and managing smoke from bushfires and landscape burning
- Understanding and managing impacts of tropical savanna fires
- Addressing residential wood heating emissions and alternatives