

## Posters

Noam Abadi	<b>Energy pathway diversity and the energy transition</b>
Lunanga Ananie	<b>From Fragile Cities to Carbon-Neutral Pathways: Integrating Climate, Health, and WASH Co-benefits in Bukavu, Democratic Republic of Congo</b>
Michael Chilinski	<b>Miniature Sensors In Profiling of Atmospheric Aerosols in Troposphere</b>
Yizhi Deng	<b>Needs for More Integrated, Inclusive, and Policy-Relevant Modeling of Food System Transitions: Insights from a Systematic Review</b>
Alvaro Garcia Riazuelo	<b>The role of technological trajectories in global sustainable growth</b>
Jinling He	<b>Adjoint Optimization of Ozone and PM2.5 Mitigation Pathways in China with Updated Chemical Mechanisms</b>
Ke Jiang	<b>Biomass Energy and Climate: Reassessing the Past and Modeling Future Feedbacks</b>
Peijin Jiang	<b>Climate Mitigation Scenario Generation with Large Language Models</b>
Teun Kluck	<b>System dynamics modeling of Dutch policy scenarios within planetary boundaries</b>
Gang Liu	<b>Wetland Methane Feedbacks Make the Paris Agreement Goals More Difficult to Achieve</b>
Qiming Liu	<b>Vertical Profile Corrections Explain Satellite–Inventory Ammonia Discrepancies and Reveal Concentrated Agricultural Sources in China.</b>
Tiancheng Luan	<b>Quantifying the Real Heat-Related Mortality Risk: The Mitigating Role of Air Conditioning and Its Global Regional Variations</b>

## Posters

- Ruikang Ma **Towards Understanding Marine New Particle Formation: Progress and Challenges**
- Zelin Mai **Development of a Multi-Species Hybrid Inversion Framework for Anthropogenic Emission inversion: An Online Adaptive Regularization Strategy within CMAQ-Adjoint**
- Cristina Margalejo **Integrating Household Consumption into Sustainability Pathways: Evidence from the European Union**
- Marcin Mielewczyk **Discussing with future generations: how can we predict their behavior, and could they bear the burden of future climate policies?**
- Shuyu Ouyang **From China's 2035 NDC Targets to Near-Term Power-System Pathways: Renewable Penetration, Electrification, and CCS Reliance**
- Hannah Prawitz **Towards modelling the Anthropocene: A systematic review of World-Earth models**
- Sabin Roman **Modelling the collapse of complex societies**
- Arkadiusz Szlaga **Designing Stakeholder Scoping Workshops for Integrated Assessment Modelling**
- Pedro Trus Mendes **Invisible Intermediaries: Sustainability Discourse and the Reproduction of Power in Transnational Soy Supply Chains**
- Dong Xie **Impacts of Rural–Urban Population Migration on Air Pollution Exposure and Premature Mortality in China Since 1949**
- Junpeng Xu **Synergistic Effects of Transport and Subsidence on Extreme Ozone Pollution Induced by Sequential Typhoons in the Greater Bay Area**

## Posters

- |               |   |
|---------------|---|
| Linghan Zeng  | <b>Impacts of Sustainable Aviation Fuels on Emissions and Contrail Properties in Micro Turbojet Experiments</b>   |
| Jingyu Zhang  | <b>Unveiling Hidden Costs in Agrifood Systems: A Systematic Review of True Cost Accounting</b>  |
| Wenxiao Zhang | <b>Environmental and health impacts related to cross-region air pollution in China</b>  |
| Yuxuan Zhang  | <b>Black Carbon in the Marine Atmosphere: Concentration and Mixing State From Coastal to Remote Atlantic Regions</b>  |
| Xucheng Zhao  | <b>Balancing Provincial Burden-sharing Capacity in China's Carbon Neutrality Pathway: Trade-offs Among Economic Burden, Pollutant Emissions, and Provincial Equity.</b> |