Special Issue

The Co-design of Co-benefit Solutions to Air Pollution, Climate Change and Public Health Challenges: Building Models That Matter

Message from the Guest Editors

The multiple benefits or co-benefits resulting from these interventions have gained more attention as policymakers have sought cost-effective solutions to climate, air quality, and public health concerns in recent years. One of the reasons driving this rising interest is the increasing usability of models that quantify the magnitude of co-benefits. The accuracy of modeling estimates as well as the degree to which they capture the design and implementation of different policies in diverse contexts have also led to greater use techniques involving emissions inventories, scenario development, and benefit estimation. This Special Issue is seeking contributors who can not only present the policy implications of co-benefits models but also shed much-needed light on how researchers can co-design models that matter to policymakers. Particular interest will be placed on papers that discuss efforts to co-design co-benefits solutions as well as those incorporating social and institutional dimensions of feasibility into scenarios and modeling assumptions.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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