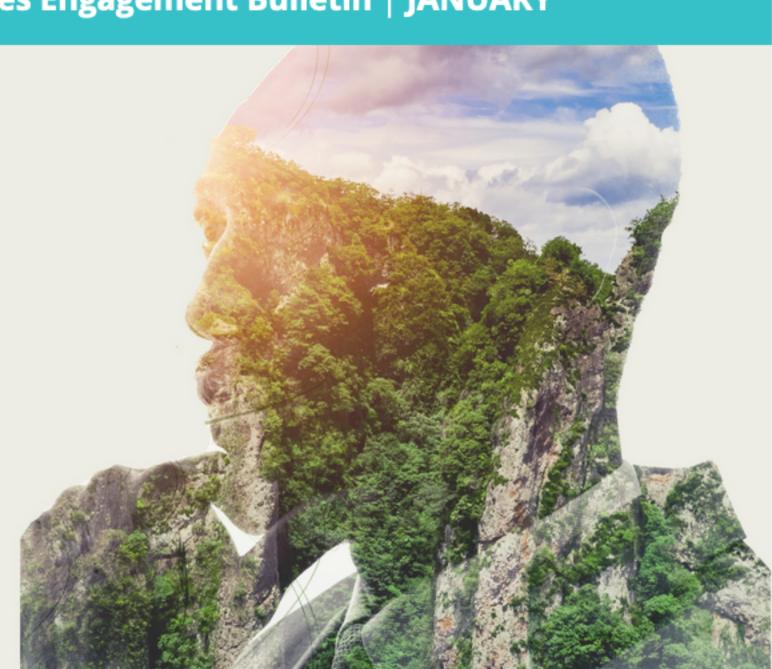# IEEE **Technical Community** for
Climate Change

An events and activities bulletin for members of the IEEE Climate Change Technical Community

Dear Participant,

As the 2024 Chair, IEEE TA Climate Change Program Steering Committee, I am pleased to welcome you with this year's first IEEE Climate & Sustainable Technologies Engagement Bulletin. To kick off the year, I would like to share several recent items of relevance to our collective climate change and sustainable technologies endeavors.

IEEE holds hundreds of governance meetings worldwide each year, creating countless opportunities to enhance sustainability. Last month, IEEE Meetings, Conferences & Events (MCE) convened 30+ stakeholders across the organization to review recommendations and share experiences. As a result of that collaboration, MCE has rolled out new guidance on planning more sustainable governance meetings. I hope you will consider implementing these recommendations in your 2024 meeting plans.

In addition, the TA Climate Change Program team is working to make on-demand resources available in IEEE Resource Centers, beginning with session recordings from the IEEE Wildfire Webinar Series. I hope you will take a moment to view this new content, and let us know if your IEEE unit has recorded content that can be added to our collection.

As you plan your efforts for the upcoming year, we ask that you allow us to share in them by entering your activities in the IEEE Events & Activities Reporting Tool.

We appreciate your support of the IEEE TA Climate Change Program (TA-CCP) and look forward to continuing to work with you in 2024.

Sincerely,
Bruno Meyer
2024 Chair, IEEE TA Climate Change Program Steering Committee

Upcoming Events - Virtual

23 January 2024: 6pm-7pm PDT - Accelerating Decarbonization in the United States: Technology, Policy, and Societal Dimensions

Hosted by IEEE SusTech 2024 in advance of April 2024 Conference

In October 2023 a National Academies study committee released Accelerating Decarbonization in the United States, Technology, Policy, and Societal Dimensions. That report analyzes recent legislative and other actions taken related to decarbonization and provides detailed policy recommendations to help ensure that the benefits of these recent actions translated into substantial emissions reductions. The authoring committee also recognizes that maintaining public support for a transition to a net-zero GHG emissions system by mid-century requires careful attention to the societal dimensions of the transition. The report provides policy recommendations to address the need to build a more competitive U.S. economy, to increase the availability of high-quality jobs, to improve public health by reducing ambient air pollution, and to ensure a just and equitable energy transition.

Learn More

Upcoming Events - In Person

29-30 January 2024: San Diego, CA, USA - IEEE Electrical Energy Storage Application and Technologies Conference (EESAT)

The technical program highlights advances in electricity storage technologies including newer battery technologies. Novel approaches to energy storage such as demand response, long duration, second-use battery pros and cons will also be considered. At the same time, the forum highlights advances in power conversion systems that make grid scale as well as distributed/renewable energy storage more efficient and effective; promotes advances in energy management and device management systems that maximize value while enabling safe and reliable operation; and finally, discusses advances in markets, standards, and policy that unlock energy storage as a critical enabler of the clean energy transition

Learn More

26-28 February 2024: Riverside, CA, USA - 2024 Forum for Innovative Sustainable Transportation Systems (FISTS)

The goal of FISTS is to bring together world leaders in Intelligent Transportation Systems with a focus on the environment and sustainability. Papers will cover technological solutions, demonstrations, and policy. A variety of transportation modes will be addressed, including on-road vehicles, transit systems, shared mobility, and freight systems.

Learn More

14-17 April 2024: Portland, OR, USA - 11th IEEE Conference on Technologies for Sustainability (SusTech 2024)

Themed "Inspiring Technology Solutions for Climate Sustainability," SusTech 2024 is designed to explore development that meets the needs of the present without compromising the ability of future generations to meet their own needs. SusTech brings together scientists, engineers, technologists and scholars from multiple disciplines to hold a dialogue on environmental issues and collaborate on ideas to develop and utilize innovative tools and intelligent systems to address the need for Sustainable Infrastructure. For the 10th Anniversary we will also look into the diffusion over the past decade of sustainable technologies into practice (e.g. design and implementation).

Learn More

IEEE Climate Change Engagement Opportunities

- **Invite a Friend:** IEEE Climate Change Technical Community
- **Tell us** what is happening related to Climate Change Technologies in your IEEE Communities: IEEE Events & Activities Related to Climate Change