

IEEE Technical Community for  
**Climate Change**

Technical Activities Climate Change Bulletin

Dear Participant,

Creating a home for those working in [Climate and Sustainability Technologies](#) remains a strategic issue for IEEE in 2024. Across IEEE, there are many opportunities for engagement including standards development, virtual events, in-person and hybrid conferences, contests, calls for papers and presentations, as well as volunteering to organize all of the above.

IEEE is working together in all our major organizational units to collaborate and leverage the strengths of each aspect of IEEE's leadership including Awards, Education, Membership, Publications, Standards, and Technical Activities.

For instance, in Technical Activities (TA) the Strategic Programs and Future Directions departments are working together to grow [the Climate and Sustainability Technology community](#) while offering virtual events, technical workshops, and launching work to drive technology roadmap development in coordination with Societies and Councils.

The TA team is working closely with the IEEE Board of Directors Strategic Alignment Team Ad Hoc Committee on Technology for a Sustainable Climate (CTSC) and the web presence team for the [IEEE Climate Change Website](#) to ensure we are steering forward together.

I hope that you will review some of the opportunities below and increase your personal engagement with these activities!

Sincerely,

**Bruno Meyer**2024 Chair, IEEE TA Climate Change Program Steering Committee  
2024 Lead, Internal Outreach, IEEE Board of Directors Adhoc on  
Technology for a Sustainable Climate

## Upcoming Events - In Person

**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](#)**25-26 April 2024: Morelia, Mexico - 2024 IEEE Electric Vehicles International Symposium (EVIS)**

Discover cutting-edge innovations and groundbreaking research in the electric mobility industry. Engage in insightful sessions covering smart grid technology, charging infrastructure, energy efficiency, and environmental impact. Pioneer the way to a greener future at EVIS 2024.

[Learn More](#)**23-26 June 2024: Luxembourg - 2024 IEEE 15th International Symposium on Power Electronics for Distributed Generation Systems (PEDG)**

This landmark symposium will shed a compelling light on emergent configurations, controls, applications, and tests in the renewable energy domain, with a keen focus on the steps needed to achieve carbon peaking and neutrality goals. Join us at PEDG 2024, where the future of sustainable energy is not just a topic of discussion, but an actionable reality.

[Learn More](#)

## Upcoming Events - Virtual

**3 - 4 May 2024: Anchorage, AK, USA - Workshop "Energy and Climate Technologies for the Arctic"**

A free hybrid event sponsored by the Future Directions' SusTech Initiative, to be held in collaboration with the University of Alaska Anchorage. A ground-breaking program of presentations, lab visits, networking events and discussions aimed at identifying ways to accelerate the energy transformation, and at characterizing the multifaceted impacts of climate change in Arctic latitudes. Registration is now open until 21 April, 2024.

[Register Here](#)**14 - 15 May 2024 IEEE Public Safety Technology**

The IEEE World Forum on Public Safety Technology (WF-PST) is the flagship conference of the IEEE Public Safety Technology (PST) Initiative under Future Directions. The purpose of the IEEE Public Safety Technology Initiative is to become the global Center of Excellence for public safety agencies, suppliers, practitioners, researchers, and all industry participants to discuss and exchange ideas on how emerging technologies can help public safety personnel be more effective in their work and support their sustained health and wellness

[Register Here](#)

## Upcoming Events - Hybrid

**14 April 2024: Portland, OR, USA - Workshop "Roadmap to Low Carbon Emissions Building Materials and Architecture"**

A free hybrid event sponsored by the Future Directions' SusTech Initiative, to be held during the SusTech2024 Conference. Through overview presentations and discussion groups, this workshop will provide an informative ideas exchange platform among various stakeholders (technologists, engineers, architects, consultants, and researchers), with the aim of laying a foundation for a roadmapping effort to guide the building industry toward achieving sustainable goals. Registration is now open until March 31, 2024.

[Register Here](#)

## IEEE Climate Change Engagement Opportunities

**Engagement Opportunity:** Are you looking to become involved in the creation of IEEE Standards in Sustainability and Climate Technologies? Watch the new TA Committee Standards Short Modular Video Series: [Introduction to Codes & Standards](#) and reach out to [ta-climatechange-staff@ieee.org](mailto:ta-climatechange-staff@ieee.org) to get connected into climate-related standards activities. [Learn More](#)

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