

# Climate Change

**IEEE:**  
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Technology Solutions

*Technical Activities Climate Change Bulletin*



As the chair of the IEEE TA Climate Change Program (TA-CCP), I'd like to thank you for your participation in the IEEE Climate Change Technical Community. The TA-CCP will be sending regular email bulletins to you with near-future events and activity highlights.

Help us to grow the Program and Technical Community through your participation and creation of new activities. Please submit your IEEE efforts related to climate change via the IEEE Events & Activities Reporting Tool.

Sincerely,

**Wei-Jen Lee**

2023 Chair, IEEE TA Climate Change Program

## Upcoming Events - Virtual

### **10 August 2023: 9:30 am-10:30 am EDT - AI/ML & SaaS in Industrial Decarbonization and Electric Vehicles**

The rapid Digital Transformation as a consequence of Industry 4.0/5.0, and the explosive growth of Electric Vehicles, which by design are digital-heavy, present significant opportunities for using data in innovative ways, that go beyond just monitoring and tracking of assets. This talk will delve into how AI/ML coupled with SaaS as a deployment strategy can help achieve this, and also highlight some of the challenges, pitfalls, and remedial actions to make the journey toward NetZero more successful.

[Learn More](#)

## Upcoming Events - In Person

### **6-8 September 2023: Aveiro, Portugal - IEEE International Conference on Wireless for Space and Extreme Environments (WiSEE)**

IEEE WiSEE, financially co-sponsored by the IEEE Council on RFID (CRFID), attracts various papers on climate change, including topics such as water monitoring, emissions monitoring, and more. The conference also hosts the Space Solar Power Workshop which is centered around an alternative, zero-emission energy source.

[Learn More](#)

### **9 September 2023: Anchorage AK - Measuring Climate Change - Technologies for the Arctic.**

The IEEE Future Directions Climate Technologies Sustainability Initiative (FDC-CTSI) seeks to contribute technical expertise and solutions to address sustainability challenges. This second of three in-person workshops will be moderated by the Initiative's co-chairs, Maike Luiken and Wei-Jen Lee, in collaboration with the University of Alaska in Anchorage. Registration is free.

[Learn More](#)

## Upcoming Events - Hybrid

### **13 August 2023: Oshawa, Canada & Virtual - Effects of climate change on diseases**

*Workshop at 11th IEEE International Conference on Smart Energy Grid Engineering.(SEGE)*

Despite many challenges, the pandemic presented a unique opportunity to study health consequences of climate change, which will yield insights of the causes that could lead to improved public health and knowledge to combat future diseases. Presenters will discuss the many challenges at the confluence of Technology, Climate Change, and Disease as well as the impacts and possible mitigation approaches. "Listener Registration" available.

[Learn More](#)

## Other Upcoming Activities

### 1 August – 31 October 2023: IEEE DataPort Climate Change Dataset Upload Contest

Upload a dataset in the Climate Change/Environmental category during the contest timeframe and check the box when uploading your dataset that you agree with the official contest rules. Prizes include: First Place: \$10,000 and Honorable Mention prizes: \$5K each

[Learn More](#)

A promotional banner for the IEEE DataPort Climate Change Dataset Upload Contest. The banner features a dark background with a view of Earth from space on the right. On the left, the text 'IEEE DataPort' is in white. Below it, 'Climate Change Dataset Upload Contest' is written in white on a green background. A yellow box contains the text 'Win \$10,000!'. To the right of this box, it says 'First Place will win \$10,000' and '2 Runners Up will win \$5,000'. At the bottom right of the text area, it says 'August 1 - October 31, 2023'.

## Ongoing IEEE Climate Change Engagement Opportunities

- **Join:** [IEEE Climate Change Technical Community](#)
- **Engage:** [IEEE Climate Change Collabratec Community](#)
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- **Share:** Your IEEE content, activities, programs, etc. to [IEEE Events & Activities Related to Climate Change](#)



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