

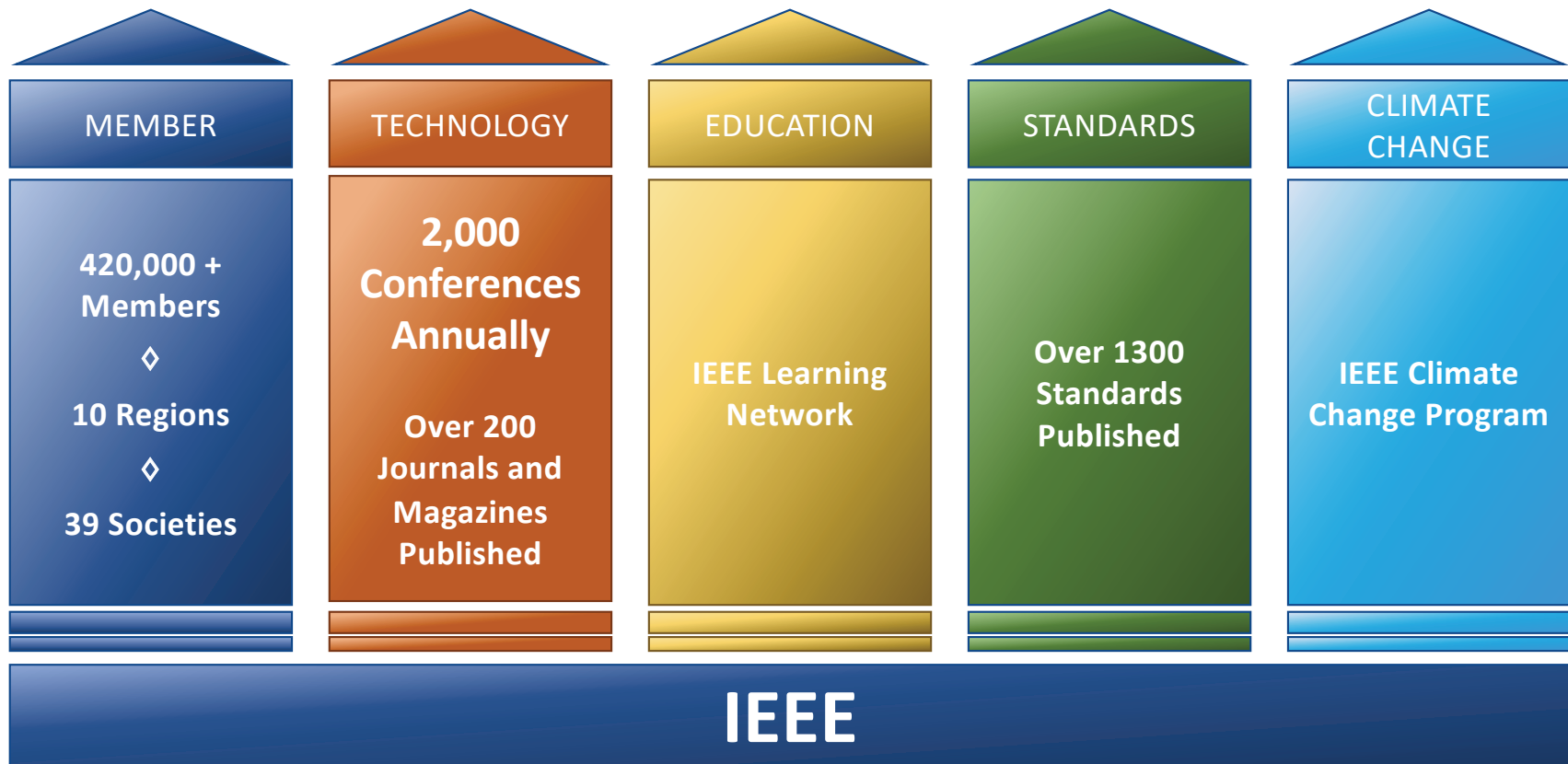
## Promoting Cleantech Solutions for Climate Sustainability



**Saifur Rahman**

2023 IEEE President & CEO

## Synergy among IEEE's areas of focus



**IEEE**



*Advancing Technology  
for Humanity*

**What Can We Do to Serve Humanity?**

**Promote Clean-tech Solutions for Climate Sustainability**

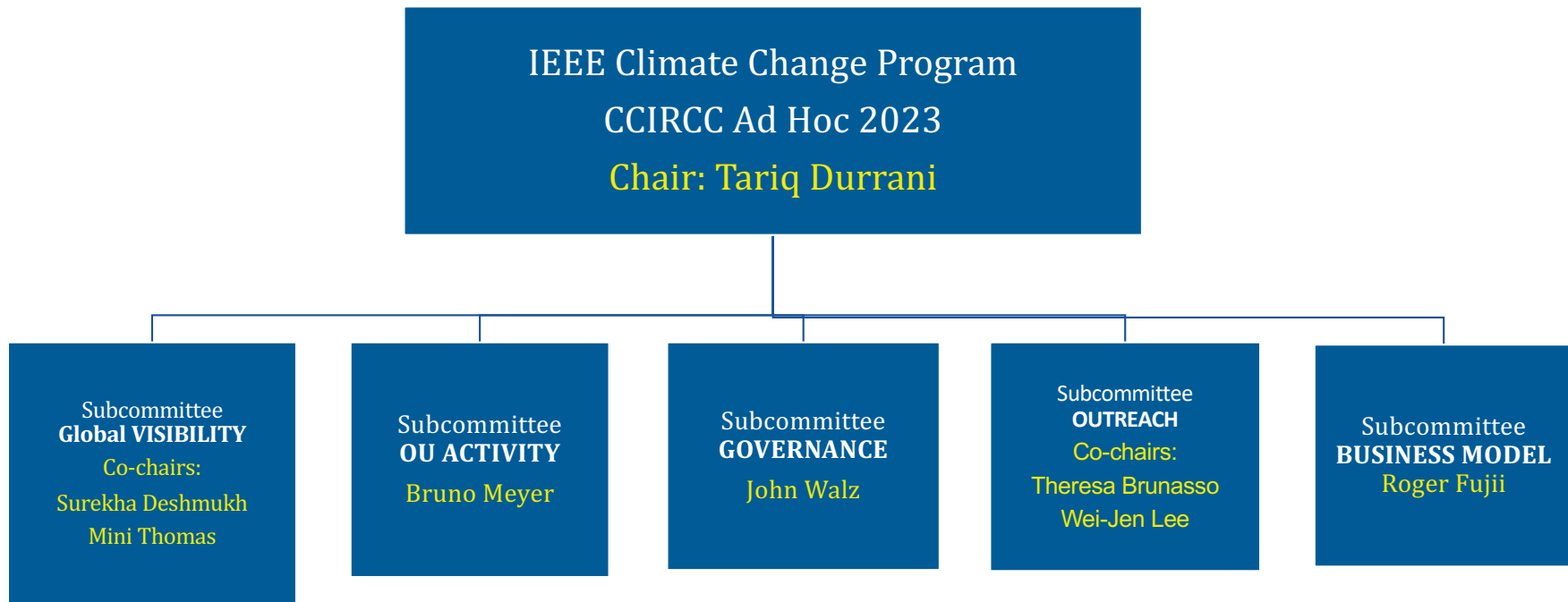
# Climate Change

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**IEEE:** Enabling Innovation and Technology Solutions



# How are we getting organized?

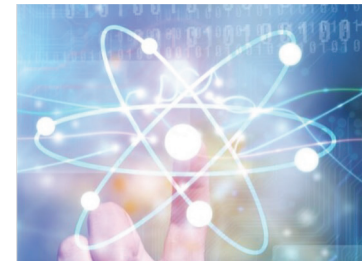


## Addressing Climate Change: External to IEEE

IEEE engages in various fora on the topic and is sought after for its technical content, thought leadership, and expert communities, including in such global stage events as:

- United Nations Framework Convention on Climate Change Conference of the Parties (COP)
- The International Renewable Energy Agency (IRENA)
- European Green Coalition and Sustainability Energy Week

IEEE has many publications and conferences addressing and incorporating climate change and sustainability.

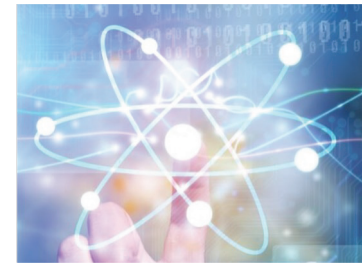


## Addressing Climate Change: Internal to IEEE

There is growing interest and activities across IEEE in helping to combat and mitigate the effects of climate change through:

- Information sharing and thought leadership
- Providing spaces for discussion, ideation and action
- The development of pragmatic and accessible technical solutions

Resulting in a burgeoning IEEE climate change program and the opportunity to amplify the collective IEEE footprint. And the need for a structure to help coordinate IEEE activities addressing climate change.



## The Climate Change Pavilion in the Sections Congress in Canada





## IEEE's Engagement in Addressing Climate Change



### Mission-based Challenge

- Pragmatic and accessible technical solutions are urgently needed to address climate change
- We, as engineers and technologists, are well and uniquely placed to provide technical solutions and offer a neutral space for discussion and action



### What IEEE Brings to the Challenge

- Commitment to the constant pursuit of innovation and excellence for the benefit of humanity
- The technical expertise of IEEE members and volunteers from across IEEE OUs
- The power of IEEE's collaborative platforms to enable innovation with purpose
- Longer-term IEEE engagement in creating and promoting technical solutions and applications for addressing climate change

## IEEE's Engagement in Addressing Climate Change



### What IEEE Contributes

- Its mission
- Its Code of Ethics
- Its global members
- Its impactful work



### How IEEE Benefits

- Expands IEEE's reach and impact
- Attracts a new and diverse generation of volunteers and members
- Enables precedent for flexible IEEE-wide modalities and structures that address mission-based grand challenges

**A step forward to bring in broader audiences and usher in new ways to participate in IEEE in the future.  
Proof point that IEEE can engage and have impact in mission-based issues.**

# IEEE Climate Change Engagement Opportunities



# IEEE Climate Change Program

<https://climate-change.ieee.org>



[Resources from IEEE](#) [Climate Change in the News](#) [Contact](#) 



MAKING A  
**DIFFERENCE**

<b>TECHNICAL</b> Solutions	<b>BUILDING</b> Technical Community	<b>CLIMATE CHANGE</b> Mitigation
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# IEEE Climate Change Collection

[IEEE.org](#) | [IEEE Xplore Digital Library](#) | [IEEE Standards](#) | [IEEE Spectrum](#) | [More Sites](#)

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Change

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## IEEE XPLORER® CLIMATE CHANGE COLLECTION

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IEEE's scholarly publications, conference proceedings, technical standards, and other materials help foster the exchange of technical knowledge and information for the critical climate issues that our planet faces today.

[View the IEEE Climate Change Collection in IEEE Xplore®](#)

**Additional open access Climate Change articles from IEEE Xplore available until 16 November 2023**

[Learn more on the IEEE Technical Community Spotlight page](#)

SELECT CONTENT FROM THE IEEE CLIMATE  
CHANGE COLLECTION

# IEEE Events related to Climate Change



IEEE: Enabling Innovation and Technology Solutions

[Resources from IEEE](#)

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**IEEE MEETINGS, CONFERENCES & EVENTS—DRIVING INNOVATION IN CLIMATE CHANGE**

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*Register for events from IEEE related to climate change and sustainable resources. IEEE sponsors over 2,000 annual conferences and events worldwide, curating cutting-edge content for all of the technical fields of interest within IEEE.*

[LEARN MORE](#)

## IEEE Events related to Climate Change



**2023 IEEE Vehicle  
Power and  
Propulsion  
Conference (VPPC)**  
Milan, Italy  
24 – 27 Oct 2023



**2023 IEEE Energy  
Conversion  
Congress and  
Exposition (ECCE)**  
Nashville, TN  
29 Oct – 11 Nov 2023



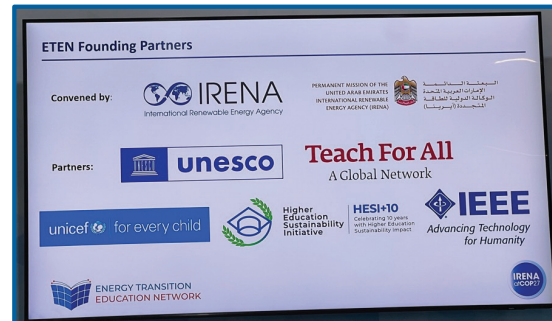
**2023 IEEE International  
Smart Cities Conference  
(ISC2)**  
Bucharest, Romania  
24 – 27 September 2023



# IEEE's Presence at the UN Conference on Climate Change COP27 & COP28



COP28  
UAE



# Information from IEEE to Help Sustain Our Planet

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IEEE Publications Board has  
started working on  
publishing a magazine on  
Climate Change

Climate  
Change

**IEEE:** Enabling Innovation and Technology Solutions

# Ecosystem for IEEE's Climate Sustainability Work

**IEEE Spectrum:** Climate Change News Feed; Podcasts; Features; Archives; Journal Watch Posts (Xplore); The Institute (Engineers of Climate Change); Coverage of Conferences and Standards



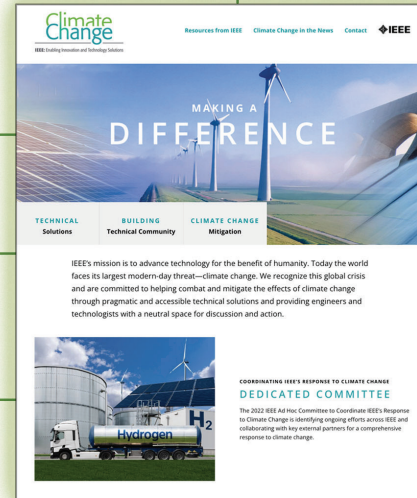
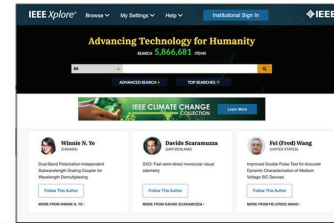
### Social Media



### Sponsored Content From Industry



**Xplore:** Engineers to Follow; Journal Watch Articles (free); Climate Change Articles



**Jobs From IEEE Job Site**



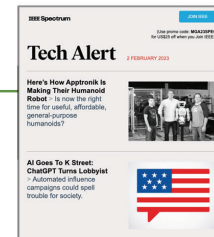
### Conferences



### Standards



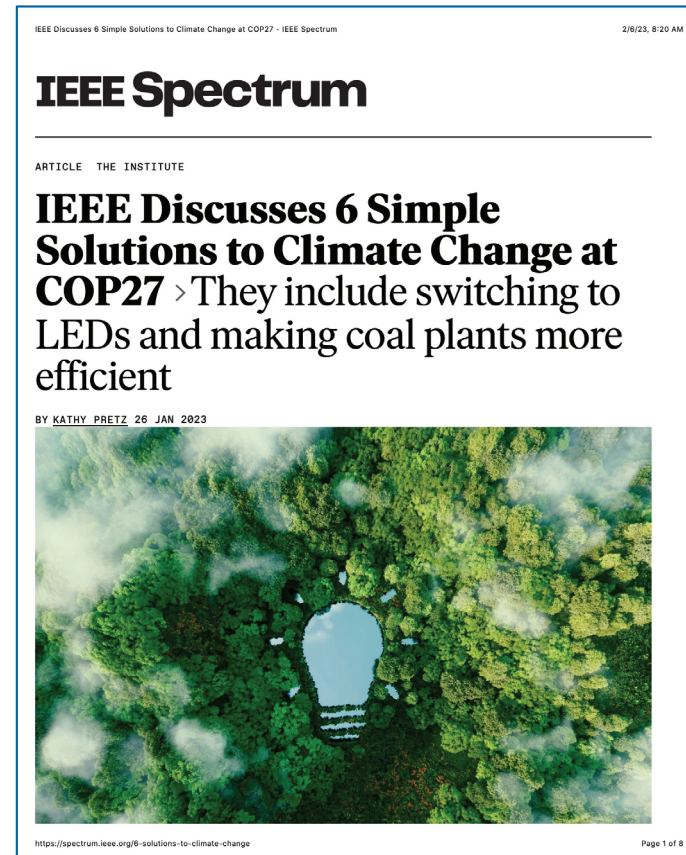
### Newsletters





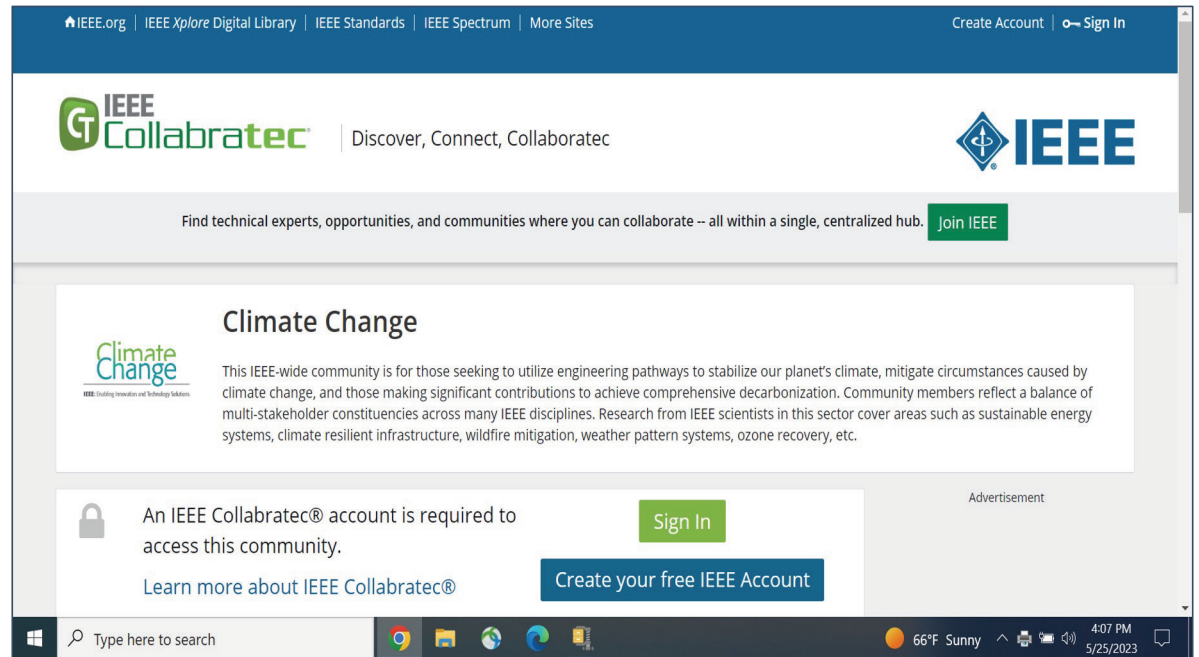
IEEE can be a solution partner

<https://spectrum.ieee.org/6-solutions-to-climate-change>



# Engage with the IEEE Collabratec Climate Change Community

Discover, connect and collaborate with others on the topic of Climate Change  
[Join here!](#)



## 2023 IEEE President and CEO Social Media Channels

There are four social media channels for the IEEE President:

<https://www.facebook.com/ieeepresident>



<https://www.instagram.com/ieeepresident/>



<https://www.linkedin.com/showcase/ieeepresident>



<https://twitter.com/ieeepresident>



# Thank You