

Special Session: Empowering SheChange: Women in Engineering for Climate Action and Sustainability in STEM, Industry, and Research

In conjunction with COP28, this special session aims to highlight cutting-edge research and innovative ideas from experts, engineers, researchers, students, and educators worldwide, focusing on the crucial role of women in engineering in combating climate change and promoting sustainability as practice in The first author should be a female and following the rules of the main conference. Accepted papers will be published in IEEEXplore. This session may include the following topics:

- Data Analysis and Machine Learning for Climate Change Research and Environmental Sustainability
- Advancements in Climate Engineering and Sustainable Technologies
- Innovative Approaches to Climate Change Mitigation and Adaptation
- Gender Diversity and Inclusion in STEM Education and Research
- Women's Leadership in Climate-Related Initiatives
- Sustainable Practices in Industry and Engineering
- Enhancing Climate Change Awareness in School-Age Children through Effective Outreach Initiatives

Session Chairs

- **Muna Darweesh**
University of Dubai
- **Leena Elneel**
University of Dubai
- **Dr. Fatma Taher**
Zayed University