



## **AIChE Climate Change Policy Statement**

AIChE and its members hold paramount the present and future safety, health and welfare of the public, and the protection of the environment in performance of their professional duties.

Our community is committed to playing a leadership role in offering solutions to climate change through systems analysis and other approaches that will create safe, resilient, and sustainable processes, products, and facilities.

Since the industrial revolution, human activity has produced greenhouse gases contributing to global climate change. The adverse effects of climate change pose urgent threats to the environment, including us, both individually and as societies. Chemical engineers are best equipped to support critical global efforts and to develop responsive and responsible solutions to the effects of climate change through well-founded engineering and economic approaches.

Climate change solutions require chemical engineers as leaders in: developing processes and alternative strategies that reduce greenhouse gas emissions from all contributing sources; offering new carbon neutral approaches to energy production; creating technologies for the removal of carbon from the atmosphere; and providing society with the means to adjust to a changing world.

To meet these needs, AIChE and its members will:

- Educate AIChE members, engineers and scientists, policy makers, and the public regarding climate change and pathways to solutions;
- Mitigate climate change impacts through research, development, and commercialization of the most effective technologies;
- Advocate for effective legislation, regulation, policy, and research into climate change solutions;
- Support a just transition to a clean energy future;
- Promote resilience and adaptation to prepare our society for an environment impacted by climate change; and
- Collaborate internationally to catalyze change.

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