

Call for Articles – Climate Research Advancements

Reader interest to our issue in 2020 and occurrences across the globe with typhoons, hurricanes, and a melting polar cap suggested we give more attention to research on this subject in 2021.



From Vol 9, Issue 3, 2020 ***STEM News Chronicle***

There are three trends that seem likely to shape renewable growth in coming decades. Those trends include emerging policies that support renewable growth, expanding investor interest in the sector, and advancing technologies that boost wind and solar energy's value to the grid, owner's assets, and customers.

Renewables cannot be addressed without consideration of climate change. Climate change is the defining issue of our time. From shifting weather patterns that threaten food production, to rising sea levels that increase the risk of coastal erosion and catastrophic flooding, the impacts of climate change are global in scope.

The rise in average global temperatures and associated environmental, economic, and socio-political impacts, have generated significant amounts of research and new technologies.

"Without innovation, we will not solve climate change" Bill Gates

Scientists attribute the global warming trend observed since the mid-20th century to human expansion of the "greenhouse effect". Gases that contribute to the greenhouse effect include:

- Water vapor
- Carbon dioxide
- Methane
- Nitrous oxide

Human generated greenhouse gases in the atmosphere represent the largest threat to the ecology and biodiversity and global climate disruption in the decades to come.

To what extent are human activities contributing to change in natural greenhouse gases and what is the projected effect on climate change? We are interested in what current climate science is providing to help save the planet and to engage more Inclusion and diversity among research communities.

We seek to expand scientists' involvement in their communities' climate solutions and to present articles that encourage underrepresented minorities and women to pursue careers in the area and to adopt lifestyles that are climate friendly.

Articles of between not exceeding 600 words are requested by **September 1, 2021**, Send to: info@schronicle.com

We are a resource network with science/engineering business information and technical education information for an international readership of technologists and educators who value more diversity in the science and engineering workforce.

