

Role of Renewable Energy In Combating Climate Change

The shift towards utilization of renewable energy as an alternative to traditional sources, has significant impacts on climate change. Renewable energy is environmental friendly method of producing energy. And it has the potential to reverse climate change patterns. The excessive use of conventional sources (fossil fuels) since industrial revolution are responsible for exacerbating a number of climate changes. Like global warming, ozone layer depletion, rise of average global temperature, floods, droughts etc. So, by shifting towards renewable energy sources such climate changes can be overcome progressively. According to **International Renewable Energy Agency**, by doubling the share of renewable energy in total energy production could reduce Green House Gases emissions upto 70% by 2050 (**IRENA, 2019**). So, the role of renewable energy is inevitable in mitigating climate change.