

Abstract

Focusing on the urgent environmental issue and similarly the increased necessity of energy, this study assesses why nuclear power is not used to its full potential, as an alternative mitigation alternative to climate change. First, it identifies all the factors that frame nuclear power as a non-effective alternate to mitigate climate change, to further discuss about the role on newcomers in the international setting, to providing a safer and secure environment with the usage of nuclear power. Second, it reviews previous literature and various issues to risk perception of nuclear power and misperceived public opinion and concludes that there is a big difference between reality and perception. Third, discusses the case of the United States of America as the country with the highest number of nuclear units, Russia as the highest exporter and the African region as one of the biggest and the most influential newcomer region, financed by Russia. It is concluded that the findings do show that nuclear power is a safe, clean source of energy that has an impact on climate change and reality and perceptions are a gap when it comes to objectively assessments of its role.