

This study will assess the knowledge and awareness of the Saudi population regarding the renewable energy effects on health. In fact, as Saudi Arabia moves forward in its transformation into a land of sustainable energy, clear perception by the public and full awareness should be present to help implement policies effectively, together with health promotion. The research study will be conducted using the snowball sampling method. Data will be collected through the online survey. Question, the maximum data from participants regarding the knowledge about alternative sources of energy will be taken, perceived health benefits, and possible risks pertaining to traditional sources of energy consumption. The expected findings of the survey that there is interest in renewable energy, however key knowledge gaps may exist on its direct and indirect health effects. The factors that affect the awareness level include education, socioeconomic status, and access to information. Expected results point to targeted education efforts as ways to make the public more aware of ways that renewable energy might help produce cleaner air, reduce respiratory problems, and overall, better health. In this respect, it is also hoped that the finding of this research will help the policymakers and health educators properly design the effective communication strategies, which would spread the use of renewable energy in the populace and have a healthier society. The study will mention the need for integration of health issues in the discussion of renewable energy and supports Saudi Arabia's vision for sustainable development and improvement in public health.