

SOCIETAL ASPECTS OF NUCLEAR ENERGY: FOOD AND WATER SECURITY

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Food and clean potable water is essential ingredient for a good quality life. The scientific techniques are required to enhance the food productivity and to explore fresh, clean and contamination free portable water. Mutation breeding, using radiation techniques is one best used techniques for the development of higher yields new varieties of seeds for increase the food productivity. Environmental and radio-isotopes are used for finding new water resources, aquifers, their interconnectivity etc. Nuclear desalination is also used for providing potable water from brackish and sea water. This is likely to be a scenario if we do not address the issue of Food and Water security seriously. Future wars will be fought for water sharing and management and food distribution.
