

Lightning Injury Mechanism in Uganda

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ABSTRACT

Lightning accidents in Uganda are very high and pose significant hazard to sustainability of population. Many people are injuries and injured can be permanently disabled and life can't be the same; attainment of this condition is associated with performing activities in different environments. This paper will review the mechanisms of injury basing on activity carried out in different incident environment and outcome will be guide used in formulating a national mitigation policy on lightning protection. Educational efforts should include all warnings that apply different environments. Lightning incident data in different environment was analyzed for Uganda beginning with year 2007-2012. The data was categorized in number of incidents, deaths and injuries. Trends forecast on number of incident in different environment were done. The findings of this study reveal an upward trend in the number of incident in all locations. cumulative frequency indicate that most incident occurred while e the victim were inside the structures and the number of open space and under tree causalities are increasing .this indicate the success of lightning mitigation policy will depend upon stakeholders collectively contributions to addressed personal safety in regard to lightning, based on recently improved understanding of thunderstorm behavior by accounting all injury mechanisms occurring in different environments. Appropriate actions under various circumstances when lightning threatens people of this nation should be outlined.

Key word:lightning injury,enviroment,formulating,mitigation