

AN INTROSPECTIVE STUDY ON ENVIRONMENTAL HAZARDS OF HUMAN HEALTH IN THE CURRENT ERA, USING MULTI-STEP FUZZY COGNITIVE MAP MODEL

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ABSTRACT

Environmental health is the science of looking at the visible factors, that can influence a person's health and behavior. All organisms depend on their environments for basic needs, to maintain the healthy life. Advances in cultivation, water treatment, public health and hygiene have a far greater impact on human health than medical technology. Risk of dental problems, kidney diseases, lung problems and many other illnesses are increased by the ecological threats. If the present situation continues, without paying attention to the environmental hazards the survival of the future generation will be affected. This paper investigates the most identifying, Environmental hazards of human health by using multi step fuzzy cognitive map model. This methodology is based on Fuzzy Cognitive Map (FCM), which is a knowledge based approach, combines elements of fuzzy logic and neural networks.

KEYWORDS: Environmental Threats, Fuzzy Cognitive Map (FCM), Health Problems & Multi-Step FCM