

IMPACT OF GLOBALIZATION IN THE FORM OF GREEN REVOLUTION ON THE HEALTH OF PUNJAB

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ABSTRACT

Globalization is an extremely complex phenomenon and it is the interactive co-evolution of multiple factors such as technological, cultural, economic, institutional, social and environmental. The commercialization of agriculture in Punjab through the Green Revolution led to the effects, which were far-reaching and irreversible. The Green Revolution replaced indigenous agriculture with modern agriculture, led to the use of high yielding seed varieties leading to a loss of indigenous varieties of various crops; the contamination of soils and water systems from the use of pesticides, chemical fertilizers, modern irrigation systems and dependency on modern machinery and technology. The present paper deals with the impact of globalization, in the form of Green Revolution technologies on the health in the Indian state i.e. Punjab. The research paper proposes a theoretical model for health impacts of globalization in Punjab. The proposed model indicates that the globalization led to three kinds of changes in context of Punjab, namely, economic changes, socio-cultural changes and environmental changes. All these changes had profound effects on health such that the people of Punjab are battling health problems including a noticeable rise in cancer cases, kidney ailments, premature ageing and infertility.

KEY WORDS: Environment, Globalization, Health.

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