

## **Vulnerability: A new paradigm in the studies of risk at agricultural development**

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Agricultural sector Because of Continuous and sustainable economic growth, food security, exchange technology and social justice in comparison with other sectors of the economy has a special feature and it has been Important role in the economic .However ,agriculture as an activity is associated with risk. Increased population and increased demand for food production pressured on the environment and product factors, so this, economic and environmental losses due to natural disasters, need for a systematic approach to reduce risk is inevitable.risk reduction as "the systematic development and application of policies, strategies and practices to minimize vulnerabilities and disaster risks throughout a society, to avoid (prevent) or to limit (mitigate and prepare) adverse impacts of hazards, within the broader context of sustainable development. Failing this context means disregarding the many opportunities that can bring agriculture closer to their development goals. Their view of the methods of measurement of agricultural and its effects appear to be necessary. In recent years a new approach, entitled Vulnerability studies in this area have opened a new horizon.In recent years a new approach, named Vulnerability have opened a new horizon at this studies.vulnerability is the degree of exposure of households or individuals to shocks and stresses, and their ability to prevent, mitigate or cope with the event. Vulnerability of agriculture is composed of drought, floods, climate change, price volatility, and market access and food poverty. The concept of vulnerability has been a powerful analytical tool for describing states of susceptibility to harm, powerlessness, and for guiding normative analysis of actions to enhance well-being through reduction of risk. This article overviews- analyzing attempts to introduce a new paradigm in the studies of risk. So In addition, the concept of vulnerability, is discussed effective factors in vulnerability of agriculture. And is stated critical role of Agricultural Extension and Education in this field .and this can provide training programs to inform farmers to help reduce the risk and its management.

**Key Words:** Vulnerability, Risk, agriculture, agricultural development, compatibility capacity