Intelligent decision support system for the Egyptian food security
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Abstract:
Research on the Egyptian food security, has become the subject of countless studies and debates. The gap between the Egyptian domestic food production and consumption is translated into high import costs. In this paper, modeling, simulation analytical capability, expert experiences and imagination, and policy/decision makers' insights are integrated in a decision support system (DSS). The developed DSS is used to anticipate the future of the national food security and to create a consensus about the required policies that aid to achieve policy/decision makers' long-term strategic objectives. Moreover, this research is a research point in the research plan of the Egyptian agriculture research center. The gap between domestic milk production and consumption is discussed as a case-study.

Keywords:
Food Security, Futures Studies, Intelligent decision support system, Strategic Planning and Intelligent Decision Support System

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