

## THE IMPORTANCE OF USING RISK MANAGEMENT IN THE ECONOMY AS A RESULT OF CLIMATE CHANGE

**Mocuta Dorina Nicoleta<sup>1</sup>, Mostafa A Ibrahim<sup>2</sup> and Ahmed H Massoud<sup>2</sup>**

<sup>1</sup>University of Agricultural Sciences and Veterinary Medicine of Bucharest, Romania

<sup>2</sup>Kafr El-Shiekh University, Egypt

**C**limate change produces major changes in all sectors of the economy, especially in agriculture for plants, animals, forests, aquatic resources, invertebrates and micro-organisms. All the climate change scenarios considered have led to decreases in wheat and corn production and animal production, with direct consequences on population nutrition.

**Conclusion:** Climate change can cause substantial reductions in international cereal and livestock production. Agriculture and livestock are among the most climate sensitive economic sectors in developing countries, while rural communities are more vulnerable to the adverse effects of climate change. Climate change is real and is happening now. To identify the risks related to climate changes, it is necessary to identify and inventory the activities that take place at the level of an entity, geographical area, economic branch, generally wherever there is an intervention that may have consequences. In this context, risk management in managing the effects of climate change is a useful and extremely important leverage.

### Biography

Mocuta Dorina Nicoleta, has a Doctorate in Economics at the Academy of Economic Studies in Bucharest, Romania, and then has a Post-doctorate in Economics at the Romanian Academy. The doctoral thesis titled Human Health from a Perspective of Sustainable Development has its own studies on the influence of climate change on the quality of life. She has also been a Project Manager, responsible and member of international (Horizon 2020) and national projects where she has practiced in prestigious universities such as: Laval University of Canada, Cornell University of the United States of America and Debrecen University of Hungary. She is a PhD Coordinating Professor at the University of Agricultural Sciences and Veterinary Medicine in Bucharest, and is Master's in Audit and Management at the Faculty of Economic Engineering and Human Development. Dorina Mocuta has participated in international conferences and congresses in the United States, Greece, Bulgaria, Egypt, Italy, Spain, Moldova, Romania publishing over 80 articles, in areas such as: quality of life, health care management, risk management, sustainable development. Ten publications received national awards. She is the Co-ordinator of the Audit Department at the University since 2001.

dorinamocuta@yahoo.com