

Dairy livestock welfare and climate change, risks analysis

**K. Nadiradze¹, N. Phirosmaashvili¹*

¹Association for Farmers Rights Defense, AFRD, Dairy Livestock, TBILISI, Georgia

The Association for Farmers Rights Defense, AFRD was formed in 1999 to help meet the growing needs of Georgia's dairy industry for applied research, industry training, and more trained graduates for careers in the dairy/food industries. AFRD is now in its 15th year as one of the oldest NGO in Georgia having dairy centers and Extension and Rural Advisory Services. Last Year AFRD was invited to Berlin, for participation on GFRAS-Global Forum for Rural Advisory Services as Presenter and after that was successfully established EUFRAS- European Forum for Rural Advisory Services, AFRD has become as Co-Founder-EUFRAS Georgia. AFRD is helps to Dairy Farmers in a technical expertise, development of physical facilities, equipment, and industry relationships to address many current and future needs of Georgian dairy Farmers. The AFRD is recognized statewide, nationally and increasingly internationally as a focal point for innovation and training in dairy foods. Its outreach programs serve approximately 50-70 participants annually through its many short courses and symposia. In addition to improving and growing its existing programs the AFRD seeks to develop new program emphasis to support global market growth and dairy innovation for the Georgian dairy sector. In addition, it is exploring new program approaches to address the expressed needs for more trained graduates to fill the many technical needs critical to drive product quality and ultimately dairy product sales growth. The Projects was focused on risk management and disease control in Animals, aiming giving to decision-makers the necessary recommendations to deploy intervention methods and help prevent large-scale spread of zoonotic diseases and different pollutants affecting food and feed for human ad animals. The overall objective of our research project was to combine climate models, weather-dependent infection-control data for key diseases, and local knowledge of Farmers about population behavior, disease control and transmission patterns. We learned by these researches that there was a clear lack of use of climate-model data sets for impact studies, assessments and evaluations. We investigate the conditions of the animals diseases like: brucellosis, bovine tuberculosis, echinococcosis, leishmaniosis, listerias and zoonotic trypanosomes.

No full length paper submitted