An Analysis of Animal Health and Veterinary Facilities in Coping the Climate Change in Bangladesh: What Education System can Offer for the Benefit

\textsuperscript{1,2}Abul Quasem Al-Amin, \textsuperscript{3}Gazi Mahbubul Alam and \textsuperscript{4}Abdul Jalil Bin Othman

\textsuperscript{1}Faculty of Economics and Administration, University of Malaya, 50603 Kuala Lumpur, Malaysia
\textsuperscript{2}Institute for Environment and Development (LESTARI), Universiti Kebangsaan Malaysia, 43600 UKM Bangi, Selangor DE., Malaysia
\textsuperscript{3}Institute of Education, International Islamic University Malaysia, Jalan Gombak, 53100 Kuala Lumpur, Malaysia
\textsuperscript{4}Faculty of Education, University of Malaya, 50603 Kuala Lumpur, Malaysia

Corresponding Author: Gazi Mahbubul Alam, Institute of Education, International Islamic University Malaysia, Jalan Gombak, 53100 Kuala Lumpur, Malaysia Tel: +603-6196 5338 Fax: +603-6196 4851

ABSTRACT

The current situation of climate change related to animal health impacts, overall awareness, mapping of livestock and national policy in these regards are needed an especial scholarly attention in Bangladesh. The national policy primarily fails to deal with the impacts of climate change on animal health and its danger since it is virtually invisible than the others harming events such as natural disasters. Therefore, this study addresses some issues generated through an analysis of animal health and veterinary facilities in coping with the climate change and also answer on how a sound effective policy can develop by overcoming the issue. This study focuses the lack of inter-linkage of national policy and planning including the shortcomings of the current veterinary education system to bring together the climate change issue and impacts on animal health. The experiences of this study may utilize for climate change related animal health impacts and a way forward for potential veterinary policy in Bangladesh.

Key words: Climate change, veterinary facilities, animal health, affecting factor, policy, education system

INTRODUCTION

Climate change issue is one of the most focus points in this contemporary world and it is already beginning to transform the life on Earth. Around the globe, seasons are shifting, temperatures are climbing and sea levels are rising and rapidly alter the lands and waters with a very unusual way. The range of time scales, consequences, perspectives and methods of addressing these issues are now providing with the evidences of the changing patterns of climate factors that adversely affecting the society, economy and environment (Hertel et al., 2010; Burke et al., 2009; Bonfils et al., 2008; Lobell et al., 2007; Cahill et al., 2007; Field et al., 2007; IPCC, 2007). Scientific studies find that rapid transform for economic development causes the major damage to the environmental systems (Al-Amin et al., 2010). The scientific evidence is now irrefutable and real with fundamental scientific evidences (Lobell et al., 2008, 2011; Burke et al., 2009, 2010; Stern, 2007; IPCC, 2007).