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FACULTY OF LAW



**INTERNATIONAL SCIENTIFIC CONFERENCE
CURRENT ISSUES IN THE IMPLEMENTATION
OF THE “ONE HEALTH” CONCEPT**

COLLECTION OF SUMMARIES

**НАУЧНИ СКУП СА МЕЂУНАРОДНИМ УЧЕШЋЕМ
АКТУЕЛНА ПИТАЊА ПРИМЈЕНЕ
КОНЦЕПТА „ЈЕДНО ЗДРАВЉЕ“**

ЗБОРНИК САЖЕТАКА

**NAUČNI SKUP SA MEĐUNARODNIM UČEŠĆEM
AKTUELNA PITANJA PRIMJENE
KONCEPTA „JEDNO ZDRAVLJE“**

ZBORNİK SAŽETAKA

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ONE HEALTH APPROACH AND CLIMATE CHANGE

One Health approach recognizes connection and interdependence between the health of humans, animals, plants and wider environment. There is inextricable link between the One Health approach and climate change which has become more pronounced in recent years, as climate change is recognized as one of the factors which is increasing health risks for humans and animals, and has negative effects on the environment. Climate change has several consequences, including rising temperatures that impact humans, animals, food production, and the environment. Increased periods of precipitation and flooding can contribute to the spread of various diseases and lead to the runoff of pesticides and fertilizers into groundwater and watercourses, impacting human, animal, and environmental health. Among other negative effects, changing climate conditions can contribute to the emergence of diseases not previously present in certain regions. For example, this was the case with the West Nile virus which was officially recorded in the human population in Serbia for the first time in 2012. These are just a few examples of the connection between the One Health approach and climate change, indicating the need for cross-sectoral cooperation and connectivity to prevent or reduce potential negative effects. This research is dedicated to exploring the relationship between the One Health approach and climate change in Serbia. We have analyzed legislation and strategies across different sectors to determine whether the One Health concept has been recognized in Serbia, particularly in relation to climate change.

Keywords: One Health, climate change, human health, environment, cross-sectoral cooperation



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