

Transfer thesis study pandemic resp. panzootic avian influenza (H5N1) from a geographic perspective. Analyzes geographical work which has been written on the diffusion of disease spread in space and specifically the issue of bird flu. The knowledges gained from observing panzootic waves of the H5N1 virus are then applied to modeling the processes of spatial diffusion of avian influenza in wild birds and poultry in the period 2003-2008. This work also deals with the influence of migrating wild birds and the illegal trade in poultry in the spread of avian influenza A (H5N1) between different areas. Finally, the study included an epidemiological analysis of avian influenza (H5N1) in humans, which is focused mainly on identification populations at risk and the analysis of mortality in individual states resp. years.