

Vector-Borne Diseases: Impact of Climate Change on Vectors and Rodent Reservoirs
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BLUETONGUE: VECTORS, EPIDEMIOLOGY AND CLIMATE-CHANGE

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Summary

The presentation will begin with a brief discussion of those climatic variables that are likely to influence the distribution and incidence of vector-borne diseases such as bluetongue. An explanation of how these variables may induce their own particular effects will be included.

The talk will then move on to describe recent changes in the world distribution of bluetongue virus and its vectors focussing on Europe from 1998 until 2006. It will be argued that the recent changes, both in terms of virus distribution and the species of vectors transmitting the virus can be linked to climate-change.

Suggestions of what this might mean for the future, in a time of on-going climate-change will be set out.

