HISTORICAL DATA OF DENGUE IN BRAZIL

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Abstract

A spatial map of dengue evolution in Brazil was constructed using the notification number of dengue on disposal at DATASUS base. As the notification number is a pre-diagnosis of the disease, only confirmed in case of death of the patient, a correlation between the variations of notifications and death by dengue was made, showing the consistency of the data. The Quantum GIS was used with vetorial model to plot the georreferenced annual notification number for each Braziliam city, from 2003 to 2010. The period is chosen because the data basis is revised many times up to four years after first publication. The evolution map shows that the spread process is not a classic diffusive one and the inclusion other parameters must be considered, as climate, transportation routes or social-economics index to the model design. The work in progress is the integration of sociel-economic data base in the analysis.

References

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