Aedesmap web: uma ferramenta para auxiliar no controle e prevenção epidemiológica do mosquito Aedes aegypti e suas enfermidades [

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text (article)

Analítica

The use of georeferenced systems in disease surveillance allows health agencies to store disease data and carry out detailed mapping and analysis in order to define techniques that will be more efficient in combating and controlling epidemiological specific diseases. The present work proposes to evaluate the tool (AedesMap Web) in order to help in the epidemiological control of the Aedes aegypti mosquito and of the diseases transmitted by the mosquito: dengue, zika and chikungunya. The system was developed in PHP and JavaScript, MySQL database, integrated with Google Maps API, and works together with the AedesMap version for mobile devices (Android). The usability assessment was carried out, based on Nielsen's heuristics and using the tool for analyzing the interaction between user and the Hotjar system, in order to provide a pleasant and intuitive tool that encourages the population to contribute to the fight against mosquitoes and their diseases. The system enables better geographic visualization of the data included in the AedesMap application, allows users to use heat maps in order to facilitate the understanding of the spread of diseases and contains features for filtering infestation points, in addition to being responsive to different types of gadgets

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