

## Gravitrapp for Surveillance of Mosquito Density in Kaohsiung

**Authors :** Meng-Yu Tsai, Jui-hun Chang, Wen-Feng Hung, Jing-Dong Chou

**Abstract :** The objective of this paper was to use gravitrapp to survey the mosquito density in Kaohsiung. Gravitrapp is one of the tools for surveillance the mosquito density. Gravitrapp not only monitor the mosquito density but also decrease the mosquito density. Kaohsiung Environment Protection Bureau (KEPB) used gravitrapp to monitor the mosquito density in 2016. KEPB put gravitrapp in five districts which had the more confirmed dengue cases in 2015. The results indicated that (1)the highest positive rate (PR) of gravitrapp was in Gushan district, the PR of gravitrapp in Gushan district was 19.25%. (2) the lowest PR of gravitrapp was in Sanmin district, the PR of gravitrapp in Sanmin district was 8.55%. (3) compared these two districts, the most important factor to influence of PR of gravitrapp was the knowledge of dengue prevention. Therefore, the PR of gravitrapp was one of the references for making dengue prevention policy.

**Keywords :** continuous assessment, course integration, curricular reform, student feedback

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