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## Change Detection in Satellite Image using the Pixel Subtraction Method for Event Verification

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Remote sensing satellite data provide opportunity to obtain information about the surface of the earth at different spatial and spectral resolution. Satellite imagery has been used since the 1960s for reconnaissance studies and has since had large number of applications including, disaster mitigation planning, agricultural development, resource monitoring and surveillance purposes. A large number of change detection techniques has been developed to utilize satellite images and while there's no general recommendation on the choice of change detection method, new methods and technologies keep emerging. A satellite image does not only show the graphical presentation but also the quantitative description of the pixels obtained from the value of the reflected solar radiation from the surface. This paper is prepared to show the advantages and the promising use of satellite imagery for the detection of new activities using the pixel subtraction method in change detection technique.

### Promotional text

This technology could be vital in remotely obtaining information about clandestine activities.

**Primary author:** Mr AKOR, Prince Larbi (Ghana Atomic Energy Commission (GAEC), Accra, Ghana)

**Presenter:** Mr AKOR, Prince Larbi (Ghana Atomic Energy Commission (GAEC), Accra, Ghana)

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