

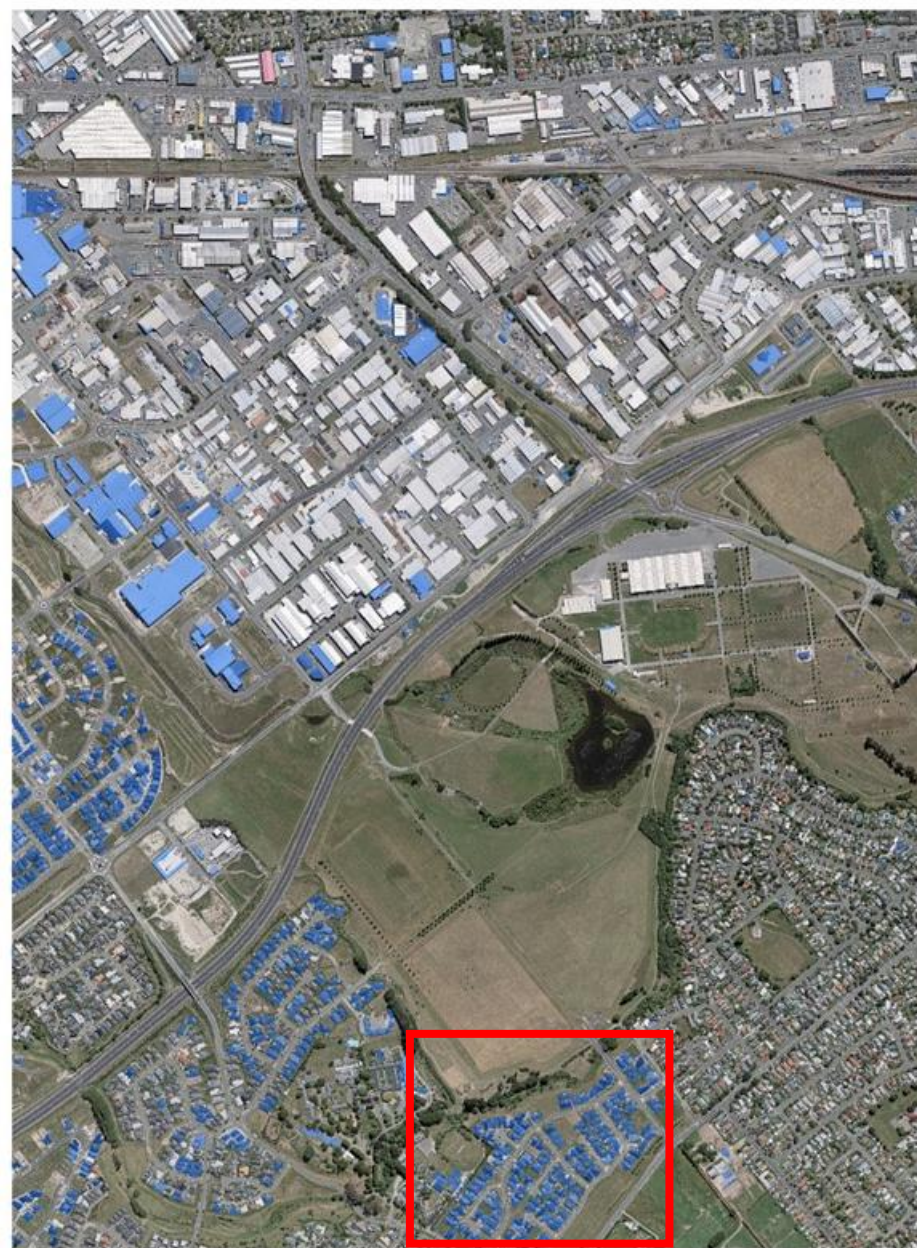
Pre-event



0 0.25 0.5 1 km

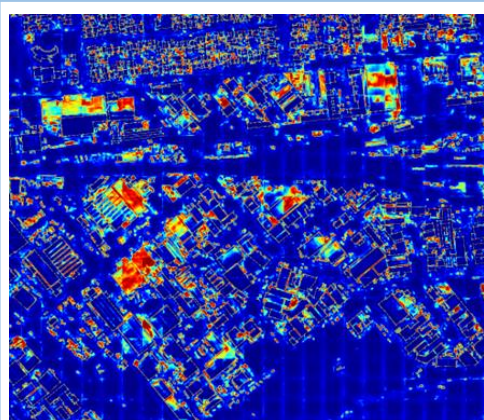
building

Post-event

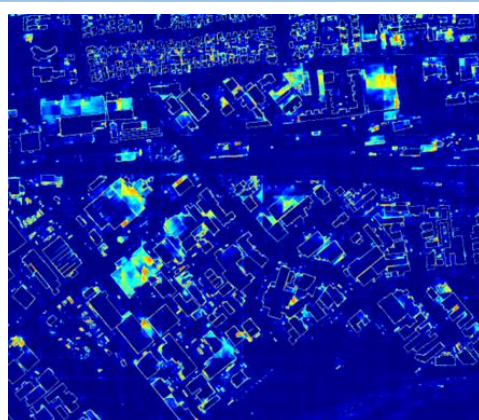


0 0.25 0.5 1 km

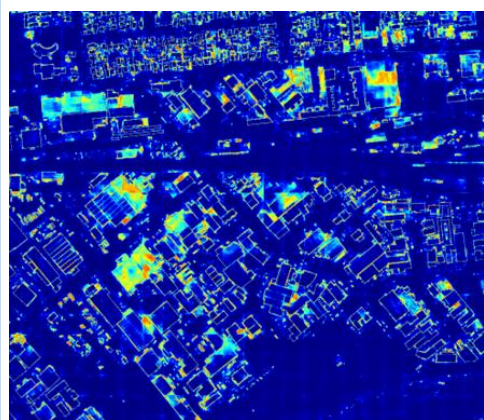
changed building



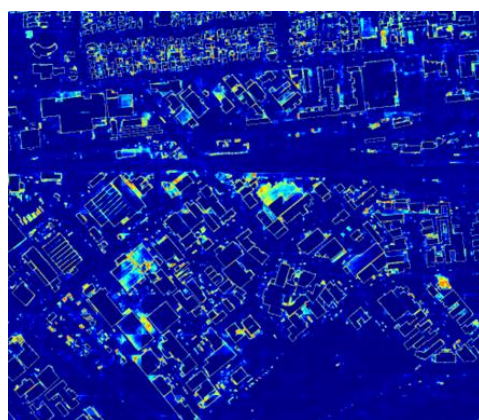
UDNet



UANet

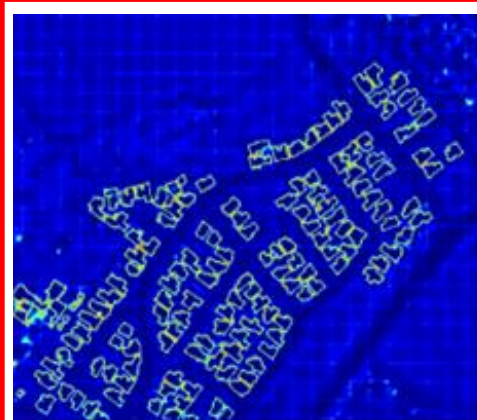


PUENet

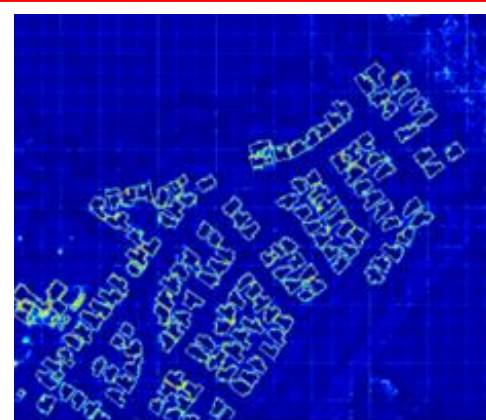


PUGNet

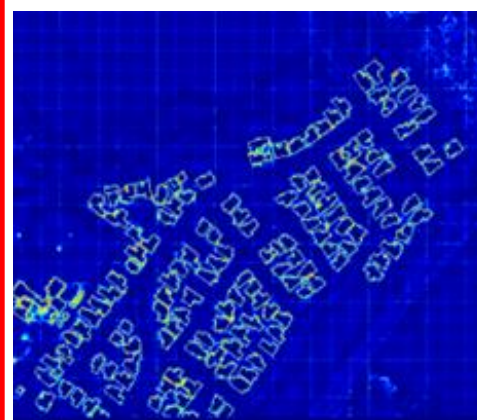
**Task:** Single-temporal Building Extraction



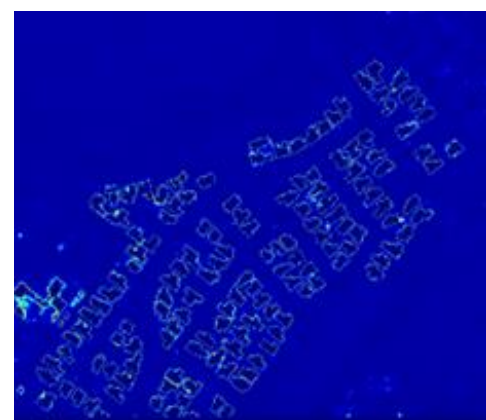
UDNet(bi)



UABCD



PUENet(bi)



PUGNet(bi)

**Task:** Bi-temporal Building Change Detection