PL-2.3

Cyber-Physical Systems - Nanomaterial Sensors Based Unmanned Aerial Platforms for Real-time Monitoring and Analysis

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In the new and transformative era, our surrounding environments are increasingly connected through exponential growth of cyber-physical systems and intelligent technologies. One such example is an Unmanned Aerial Surveillance Platform, also known as drone, for applications such as surveillance, real-time monitoring, emergency augmentation for actionable response, security and enabler of connected communities to bring about new levels of opportunity and growth, safety and security, health and wellness, thus improving the overall quality of life. Based on our previous experience, we present a modality of smart and connected sensors platforms that have a great potential to provide enhanced situational awareness for safety and security.