

The Use of UAV's for Gathering Spatial Information

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ABSTRACT:

There is an ever-increasing demand for up-to-date, accurate, and high-resolution UAV-based topographic data. Gathered data of various coastal features, general topographic mapping and various applications such as power line mapping is highly vital. Spatial information of these areas is required for construction projects, hydrographic analysis, traffic safety, and environmental concerns. RIEGL has developed the VUX-1 to meet the challenging requirements in these fields of applications. The VUX-1 has been introduced to further grow RIEGL's capabilities of gathering combined topographic and hydrographic spatial information.