

Applications of Collection and Processing UAV Data: the Problems and Trend to Resolve

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SUMMARY

In recent years we have not unfamiliar with the term unmanned aerial vehicle (UAV). Technology Aerial photogrammetry taken by UAV is used in many different industries and has made certain achievements. However, in this article the author will refer to a small field of UAVs is the surveying and mapping with large scale. In the above fields, UAV technology has been developing very intense, but also exist many problems remaining unsolved, as a challenge for researchers in the future. There are problems about the orthophotos establish, the DTM/DSM, the 3D model and accuracy of the results. In this article, author will promote some techniques to resolve those problems by our experiences.

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