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## Applications of an UAV aerogeophysical integrated survey system(iUAGS) in china

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iUAGS is an emerging UAV aerogeophysical integrated survey system ( magnetic & radiation) based on the rainbow series UAV(the CH-3),which has many advantages such as long-endurance,low altitude, all-day time work ability, high precision,low cost,etc.It's leading researched and developed by Institute of Geophysical and Geochemical Exploration (IGGE) of China Geological Survey (CGS).Since 2013,more than 150,000 kilometers' pretty good and high quality geophysical data have been acquired using iUAGS in Duobaoshan of Heilongjiang province , Karamay and Kashi area of Xinjiang province,YanCheng of Jiangsu province in china.And a new survey hosted by IGGE is now working for earth deep probe project in southern china.With the development of UAV and aerogeophysical technology□We believe that iUAGS will be widely and better used in more fields.