Application and problems of UAV to use for the local government.

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Production and field trials have been made in various scenarios using Uncrewed Aerial Vehicles(UAVs).Efforts of local governments have been promoted intensively.For local governments,staff reduction is a remarkable trend.Such streamlining of organizations for efficient performance is expected to delay the response to and assessment of great disasters.Lack of personnel can become a factor that delays the initial response.Many local governments are planning a review of the Great East Japan Earthquake in 2011,but the lack of personnel and human resource budgets is a daunting social problem.Therefore,UAVs are presented as effective and safe tools.UAV applications can be extended to include aerial photography, pesticide spraying,checking of power transmission lines,disaster prevention,service life of building structures,and disaster prevention and mitigation.

Keywords: UAV, local government, disaster prevention

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