

支援災害應變情資研判作業與提升服務效能

Supporting the Situation Assessment of Emergency Operation and Improving the Service Efficiency

主管單位：國家災害防救科技中心

于宜強

Yu, Yi-Chiang

林欣弘

Lin, Hsin-Hung

朱容練

Chu, Jung-Lien

國家災害防救科技中心

摘要

台灣地區因應氣候變遷與快速都市化發展的情形下，災害的面向與衝擊不斷的改變。除了對台灣影響較嚴重的颱風、豪雨與地震災害外，寒害、乾旱、熱浪等的致災頻率與衝擊似乎也有提高的趨勢。近年台灣中南部地區短延時暴雨的頻率與影響規模也有明顯加劇的趨勢，2018年0823熱帶低壓帶來的豪雨在一天之內造成南部(嘉義以南)各縣市嚴重水患。台灣災害的風險與面相似乎已經發生明顯的改變，政府災害應變的壓力也隨之加重。災防法頒布後，科技防災的發展至今已經有二十年。在災害管理與應變工作上，已經有許多的成果開始對外分享與推廣。但在此同時，台灣民眾對防災的需求其實也不斷的在提高，防災單位及民眾需要更準確的防災預警情資進行更細緻的防災操作。如何運用科技提升災害防救與應變的能量，走向精緻防災是防災單位現在正要面對的挑戰。

關鍵詞：災害應變、災害管理、災害

Abstract

Disaster and its impact are always changing in Taiwan during the climate change and the rapid urbanization. Except the typhoon, heavy rainfall and earthquake that have severe impact on Taiwan, the frequency and impact of disasters such as cold damage, drought, and heat waves also seem to be increasing. In recent year, the frequency and scale of heavy rainfall in short-duration at the central and southern of Taiwan have increased significantly. The heavy rainfall by tropical storm induced severe flooding in the southern of Taiwan in one day on 23/08/18. Disaster risk and appearance in Taiwan seem to have changed significantly, the stress of emergency operation of government has also increased. After the Disaster Prevention and Protection Act was promulgated, the development of scientific and technological disaster prevention has been two decades. In disaster management and response, many results have been shared and promoted to overseas. But at the same time, the demand for disaster prevention in Taiwan is increasing. Disaster prevention units and people need more accurate disaster early warning information for detailed disaster prevention operations. How to use the Science and technology to improve the capability of the disaster response is the challenge of the disaster prevention units.

Keywords : disaster management, emergency operation, disaster.