支援災害應變情資研判作業
Supporting the Situation Assessment in the Emergency Operation

主管單位：國家災害防救科技中心

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摘要

　　本計畫將透過情資研判科技的落實，提升中央災害應變支援調度決策能力。執行的過程中，遭受疫情加劇防疫提升三級警戒限制，本中心仍能夠過科技與創新的方式在防疫前提下持續支援應變作業。同時，在氣候變遷與反聖嬰影響下，去年颱風帶來降雨不足及今年的春雨不佳的雙重影響，台灣西半部旱象加劇，我們也利用近期研發的預警工具支持旱災應變作業，使其超前布署作出最佳的防減災策略。面對大數據時代的來臨，如何快速有效的收集防災相關資訊，善加利用，是強化應變的創新方法，也才能面對極端氣候帶來的突如其來的災害，強化區域應變的能力與技術。

關鍵詞：災害應變、旱災、颱風、洪水

Abstract

　　This program will enhance the decision-making capability of the central government's disaster and emergency response by implementing situation assessment technology. Although the COVID-19 alert was raised to level 3 with special acts for prevention during the implementation process, the National Science and Technology Center for Disaster Reduction still can support emergency operations through technology and innovation. Meanwhile, under the influence of climate change and the anti-El Nino, last year's typhoon brought insufficient rainfall and this year's poor spring rain. These double impact drought in the western half of Taiwan has intensified. We also use the recently developed early warning tools to support drought disaster response operations so that the Advance deployment to make the best disaster prevention and mitigation strategies. In the era of big data, how to quickly and effectively collect disaster prevention information and use it well is the innovation to strengthen the emergency response so that we can face the sudden disasters caused by extreme climates and strengthen the ability and technology of regional response.

Keywords：disaster response, drought, typhoon, flooding