

# 輻射事件應變技術開發研究(3/4)

Research on The Emergency-Response Technology for  
The Radioactive Events(3/4)

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## 摘要

為解決國內輻射災害防救訓練場所、裝備與教材不足之問題，本計畫設計建置輻災訓練研發中心，研擬國內輻災事件應變策略、進行應變人員訓練及開發應變所需之輔助軟體平台；今年完成之工作重點計有建置輻災訓練研發中心展示室並辦理年度輻射應變技術隊(以下簡稱輻應隊)訓練，課程搭配開發之輻災應變資訊平台及輻射偵測平台，進行操作使用教學；另發展放射性物質擴散模擬分析能力，擴充輻射事件應變資訊平台功能及遠端遙控之輻射偵測平台，並提出輻應隊程序書之精進建議，以強化國內輻災應變量能。

**關鍵詞：**輻射災害、緊急應變

## **Abstract**

To improve the shortage of the resources for prevention and response of radiation disaster, the goal of this project is to establish a R&D center for training response personnel, improving the response guidelines for radiation disaster and developing the assistant tools for response. This year the project focuses on the establishment of the R&D center display room, and the anniversary training course for emergency response team. In additions, continuing to develop the simulation and analysis capabilities of radioactive material diffusion, integrate RESRAD RDD software to build and convert information modules, optimize the CALPUFF model, and complete the Taiwan building information database conversion modules. All of the task is used to enhance the preparedness of radiation disaster in Taiwan.

**Keywords:** radiation disaster, emergency response