

# 輻災防救實務調查與減災對策研究

## The Study on Radiation Emergency Response Practical Investigation and Preparedness Strategies

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### 摘要

本計畫蒐集國際上有關重大輻射災害災後復原案例與實務，與日本福島事故後，復原與賠償之最新情況；同時，透過出國實地考察與研討的成果，進一步探討臺灣現況；同時蒐集資料，模擬可能發生之輻射災害情境並提出應變相關建議指引。

日本發生核子事故至今已經8年，日本政府致力於事故地區的復原重建工作，2019年開放民眾返回家鄉的地區包含福島縣大熊町(Okuma)的大川原(Ogawara)與中屋敷(Nakayashiki)地區。日本政府重建硬體設備、居民的健康追蹤等，以各種不同的誘因，希望民眾能返回家鄉。

地方政府輻射災害防救講習部分，講授《輻射災害種類樣態與應變機制》、《輻射災害第一線應變人員注意事項》、《地方政府輻射災害防救業務規劃》及《實作課程-輻災情境推演》。災害應變人員透過這場課程，吸收輻射的知識，進一步了解發生輻射災害之後的應變作為，能夠有效保護自身與民眾的安全，有效降低災害衝擊。

透過本計畫，能夠提升災害應變人員之輻射災害應變知識，俾利臺灣的輻射災害防災能量日益提升。

**關鍵詞：**輻射災害、災害防救、核子事故

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### Abstract

This project collects the latest international case and practice on post-disaster rehabilitation of major radiation disasters and the latest situation of recovery and compensation after the accident in Fukushima, Japan. At the same time, it further explores the current situation of Taiwan through overseas field trips and discussions. Gather information, and simulate possible radiation disaster scenarios and make emergency suggestions.

The nuclear accident in Japan has been going on for eight years. The Japanese government is committed to the restoration and reconstruction work in the area where the accident occurred. The area where people return to their hometowns in 2019 includes

Okuma's Ogawara and Nakayashiki Cities. The Japanese government reconstruction of hardware equipment and residents' health tracking, hoped that people would return to their hometown according to these efforts.

In addition, the Taiwan Local Government Radiation Disaster Prevention Workshop was held to lecture "Types of Radiation Disasters and the Emergency Response Mechanism", "Radiation disaster and first responder's precautions", "Local Government Radiation Disaster Prevention and Rescue Business Plan" and "Exercise - Radiation Disasters Table Top Exercise". Through this course, first responders learn about radiation knowledge and more about the strain after radiation disaster. They can effectively protect themselves and the public and effectively reduce the impact of disasters.

Through this project, knowledge of radiation disaster contingencies among disaster responders will be updated so that the disaster prevention and response capacity of Taiwan's radiation emergency management will be enhanced ~~gradually~~gradually.

**Keywords** : Radiation Emergency, Emergency Management, Nuclear Accident.

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