地理圖資系統整合社群輿論災情之資訊展示-以圓規颱風為例

A Study of Data Exhibition integrating GIS and Social media– illustrated by Typhoon Kompasu

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摘 要

如今科技的發展下，民眾低頭滑著手機的情景，已是相當稀鬆平常，人們彼此透過社群軟體(LINE、IG、臉書、批踢踢等)，分享日常生活點滴更是如此頻繁，無論分享個人文章留言、照片或轉傳他人資料，大量的資訊交換在社群網路上，已成為一種ｅ世代的情資獲取管道，這樣的資料來源在協尋事物、人力/物力募集、意見統計等議題上，擔任相當重要的角色。

在本議題上，我們利用這個來源，以社群眾包(Social Crowdsourcing)的概念，為完成某一任務，執行途中委由不固定的眾多民眾分工進行；在防災的角度上，透過社群網路作為來源，探討單一天然災害事件之影響為目標，蒐集各地民眾間傳遞當地災情的資訊，結合地理圖資系統與統計圖表示意，分析時空間分布情形。我們以 2021 年 10 月圓規颱風襲台作為實例，說明在社群輿論所提供的災情資訊，對於防災角度所能提供的助力。

關鍵詞：GIS，社群網路，社群眾包

Abstract

With the development of science and technology, there are lots of phubbers everywhere. People share their daily life with each other through social software (LINE, IG, Facebook, etc.). Sharing articles, messages, photos, or forwarding other’s information, these actions lead to a large amount of information exchanged on social networks. Social media soon becomes a brand-new source for obtaining information. And it also plays an important role nowadays.

On this topic, we use the concept of Social Crowdsourcing, in order to complete a certain task by uncertain people. From the perspective of disaster prevention, we collect information from social networks. Our goal is to give a report of the whole natural disaster event. We collect large amount of opinions form social networks, and extract spatial and temporal information

from these sentences. We take the Typhoon Kompasu in October 2021 as an example to illustrate the assistance of social media to this event.

Keywords: GIS，Social Network，Social Crowdsourcing