

見解:

能登半島地震・豪雨災害の教訓に基づく 広域地域災害への備え

Advisory Opinion:
Preparing for Wide-Area
Regional Disasters Based on
Lessons from the 2024 Noto Peninsula
Earthquake and Heavy Rain Disaster

Toru Takeuchi

Institute of Science Tokyo



見解の趣旨: Purpose of the Opinion

2024年元旦の能登半島地震は少子高齢化が進む山間部の多い地域で発生したこともあり、救援活動の遅れや復興活動の長期化等、様々な課題を顕在化させた。さらに同地域では9月に豪雨災害が発生し、復興半ばの地域に追い打ちの被害をもたらした。近いうちに発生の可能性の高い巨大地震においては、同等以上の現象が広域にわたり、より深刻な状況で生じる危険性が高い。また、地球温暖化の進行によって台風や集中豪雨に伴う深刻な水害や土砂災害が、従来発生が予測されなかった地域においても発生する危険性が高まっている。

The Noto Peninsula earthquake on New Year's Day 2024 occurred in a region characterized by mountainous areas with declining birthrates and aging populations. This highlighted various challenges, including delays in rescue operations and prolonged recovery efforts. Furthermore, torrential rains struck the same region in September, compounding the damage to areas still in the midst of recovery. In the event of a major earthquake, which is highly likely to occur in the near future, there is a significant risk that similar or worse phenomena will occur over a wider area and in a more severe manner. Furthermore, the progression of global warming increases the risk of severe flooding and landslides associated with typhoons and torrential rains occurring even in areas where such events were not previously anticipated.



見解の趣旨: Purpose of the Opinion

我が国ではインフラの老朽化に併せ大都市を除く地方都市や山間部で少子高齢化・過疎化が進み、防災・災害対策の担い手が不足することで十分な対応が取れなくなっている状況が生じている。

本見解は近い将来発生が予測される巨大地震及び強い台風や集中豪雨に伴い発生が予想される過疎地域を含む広域の地方における災害を「広域地域災害」と定義し、能登半島地震・豪雨災害における課題を整理するとともに、令和7年5月の災害対策基本法等の改正を踏まえた上で、広域地域災害に対する具体的かつ最低限の備えを提言するものである。

In Japan, alongside aging infrastructure, declining birthrates, aging populations, and depopulation are progressing in regional cities and mountainous areas outside major metropolitan areas. This has led to a situation where there are insufficient personnel to handle disaster prevention and response, making adequate measures difficult to implement.

This opinion defines disasters affecting wide—area regions, including depopulated areas, that are expected to occur in the near future due to massive earthquakes, strong typhoons, and torrential rains as "wide—area regional disasters." It organizes the challenges faced during the Noto Peninsula Earthquake and torrential rain disasters and proposes concrete, minimum preparations for wide—area regional disasters, taking into account the May 2025 revisions to the Basic Act on Disaster Management and other relevant laws.

