# Safety and Security

### Emergency Disaster Response Task Force (TEC-FORCE)

<main achievements="" dispatch=""></main>	Number of team members	Total number of members (person-days)
2020 Heavy Rain in July	127	909
2021 Heavy Snow on January 7	45	79
2021 Typhoon Mirinae (Typhoon No. 10)	9	42
2021 Classical swine fever (CSF)	1	1
2021 Record-setting short-time heavy rain in Fukui Prefecture	9	42
2021 Heavy snow from December 25	26	54
2022 Heavy rain from August 4	41	117
2022 Typhoon Nanmadol (Typhoon No. 14)	2	4
2022 Avian influenza	2	2
2023 Heavy snow from January 24	64	116







STEP2 ⇒ Completion within 48 hours after the disaster]

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Disaster

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assistance

Disaster assistance contractors

Base of operation

opening roads

assistance

Once the tsunami warning has been lifted, securing

Forecasted flood are

R42)

(R26

route

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Ocean

Pacific

Conduct rapid disaster situation surveys using helicopters and CCTV after the disaster and

tsunami-flooded areas using drainage pump vehicles.

dispatch the TEC-FORCE, coordinating with relevant agencies for drainage activities in

vention education class in February 2022

ster drill at the new go

**Disaster drills and** 

prevention education

15), 20221

Measures against great earthquakes and tsunamis in the Nankai Trough

#### [Damage assumption for directly controlled national highways]

	Flood extension	Significant damage to bridges	Major damage to coastal retaining walls	Debris accumulation
Wakayama Prefecture	Approx. 100 km	53 bridges	Approx. 20 km	Approx. 30 km

Surveys by Wakayama and Kinan River National Highway Offices as of May 2014



[Road clearing plan] In the Wakayama Prefecture Road Clearing Plan, based on the assumption of tsunami damage, roads are

prioritized for clearing to establish an emergency transportation network. These prioritized roads are designated as "Clearing Routes. To ensure rescue and relief routes aimed at saving lives, we set phased objectives for "Road Clearing" operations.

ISTEP1 ⇒ Completion within 24 hours after the disaster Ensuring trunk routes and routes to coastal areas (outside of flood-prone areas)



[Key Regional Disaster Prevention Base in Sakai Section 3 at Sakai Semboku Port] [Emergency activities at the time of earthquake occurrence]

This disaster prevention base plays a crucial role in large-scale disasters caused by earthquakes and tsunamis in the Nankai Trough, including relay and distribution of relief supplies, maritime transport support, assembly and camp functions for wide-area support forces, and disaster medical support functions. It serves as a relaxation space for citizens in normal times



凡例 ster situation survey (image) 想定震度 63 5 堺2区基幹的 域防災拠点 亲良果 ■排水ボンブ車と照明車 (イメージ) 和歌山県 緊急輸送道路  $\bigcirc$ 救命救助/支援活動の活動エリア ◇防災拠点☆空港

# Infrastructure DX



and thoroughly utilizing data

Society 5.0: A future society that balances economic development and social issue resolution through a system that highly integrates real and virtual spaces

## Efforts to promote infrastructure DX at the Kinki Regional Development Bureau



## Digital transformation in the infrastructure field