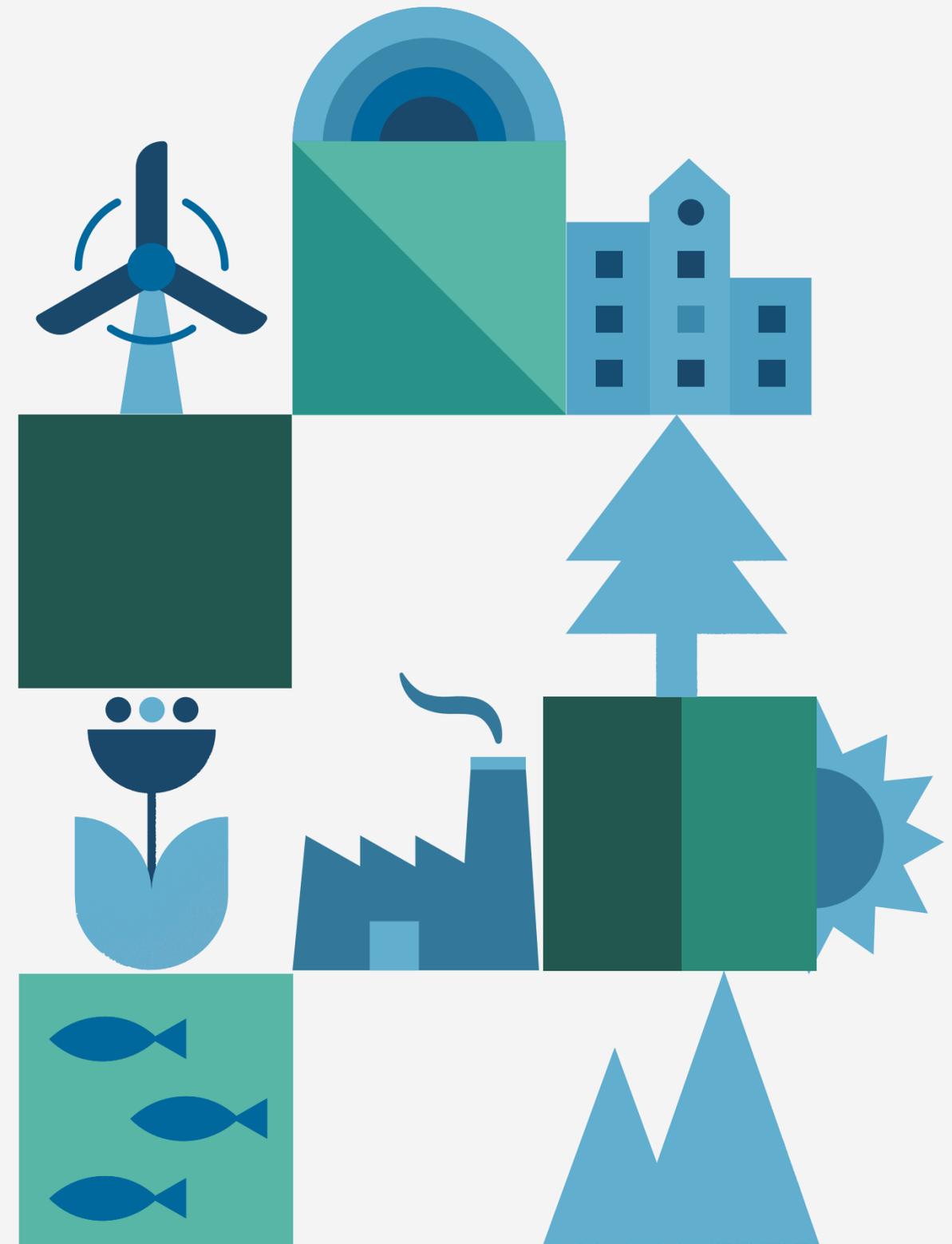




A REPORT FROM TNFSH

GOAL 13: CLIMATE ACTION

SDG 13 intends to take urgent action in order to combat climate change and its impacts.



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**Government's Policy & Measures
Towards Climate Changes & SDGs.**

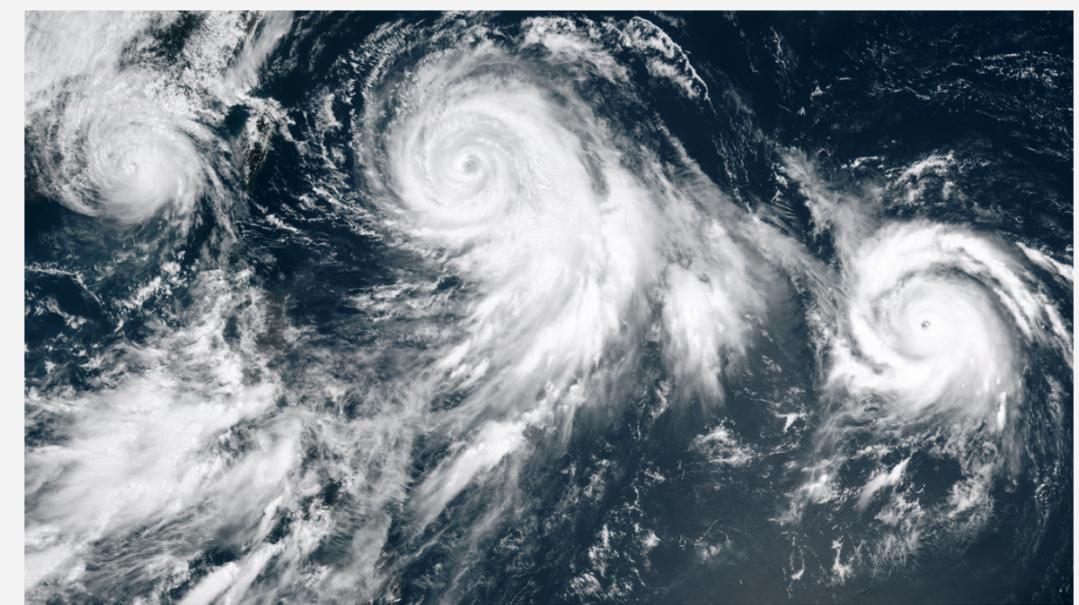
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**Establish Concepts and Precautions
to Reduce Damage Made by
Climate Disasters.**

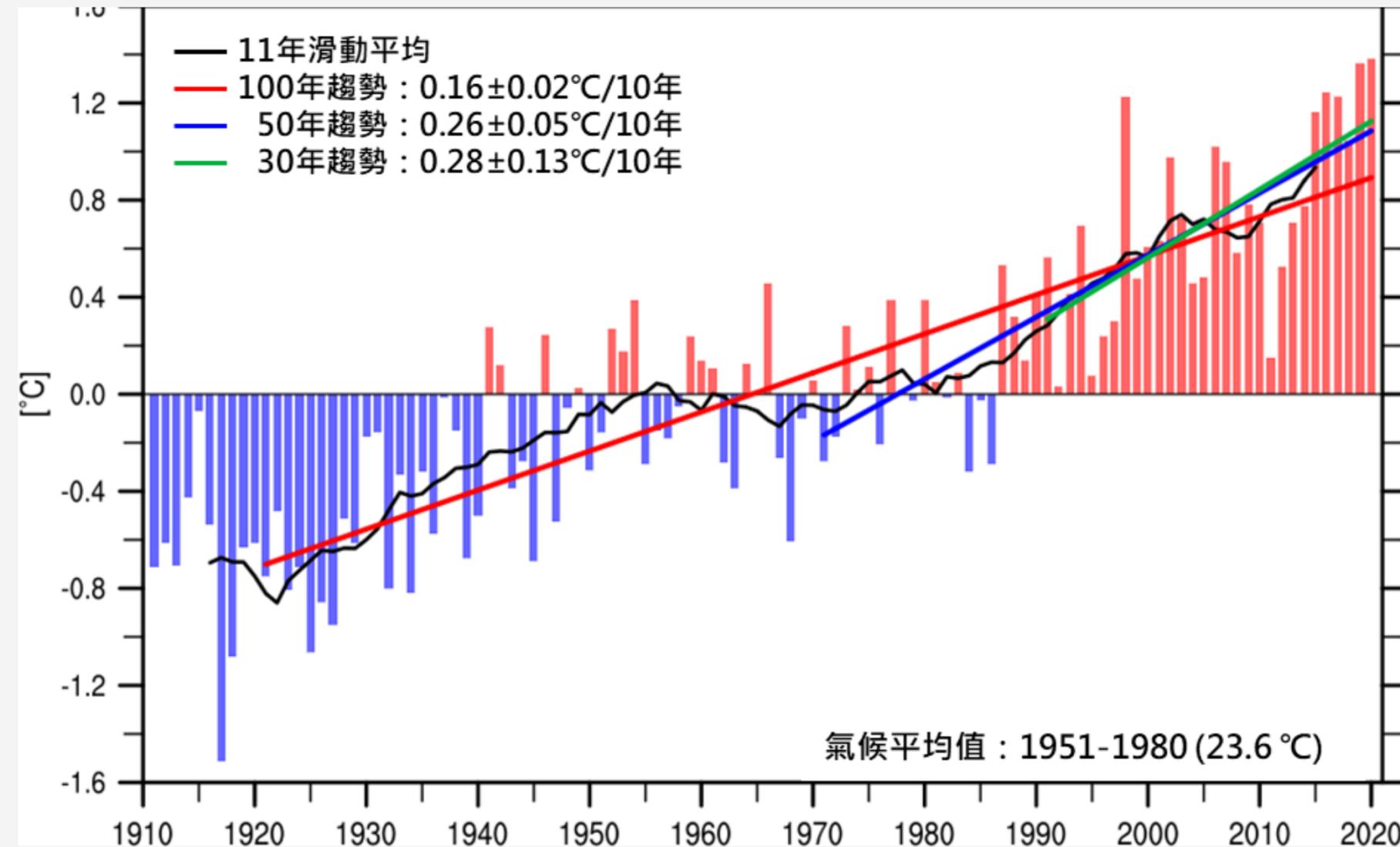
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Conclusion.

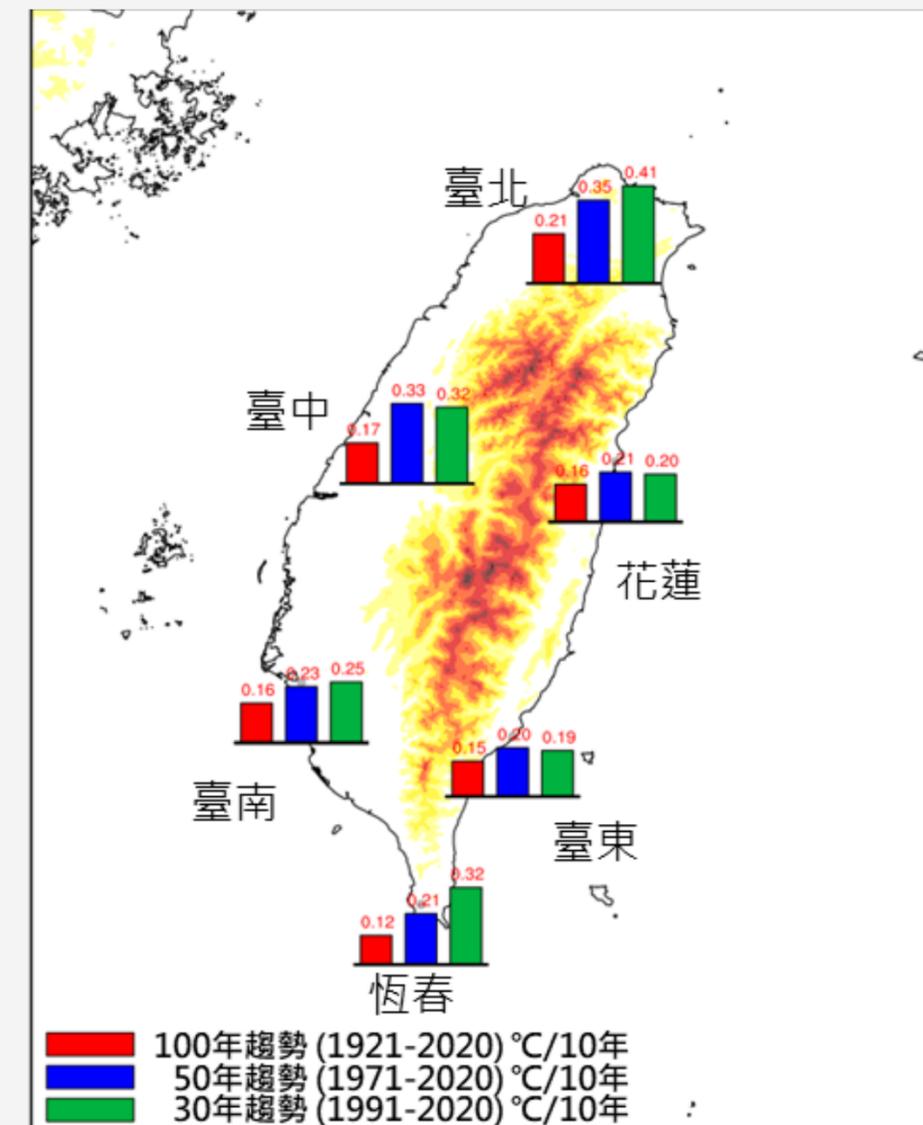
Climate Changes' Effect on Taiwan

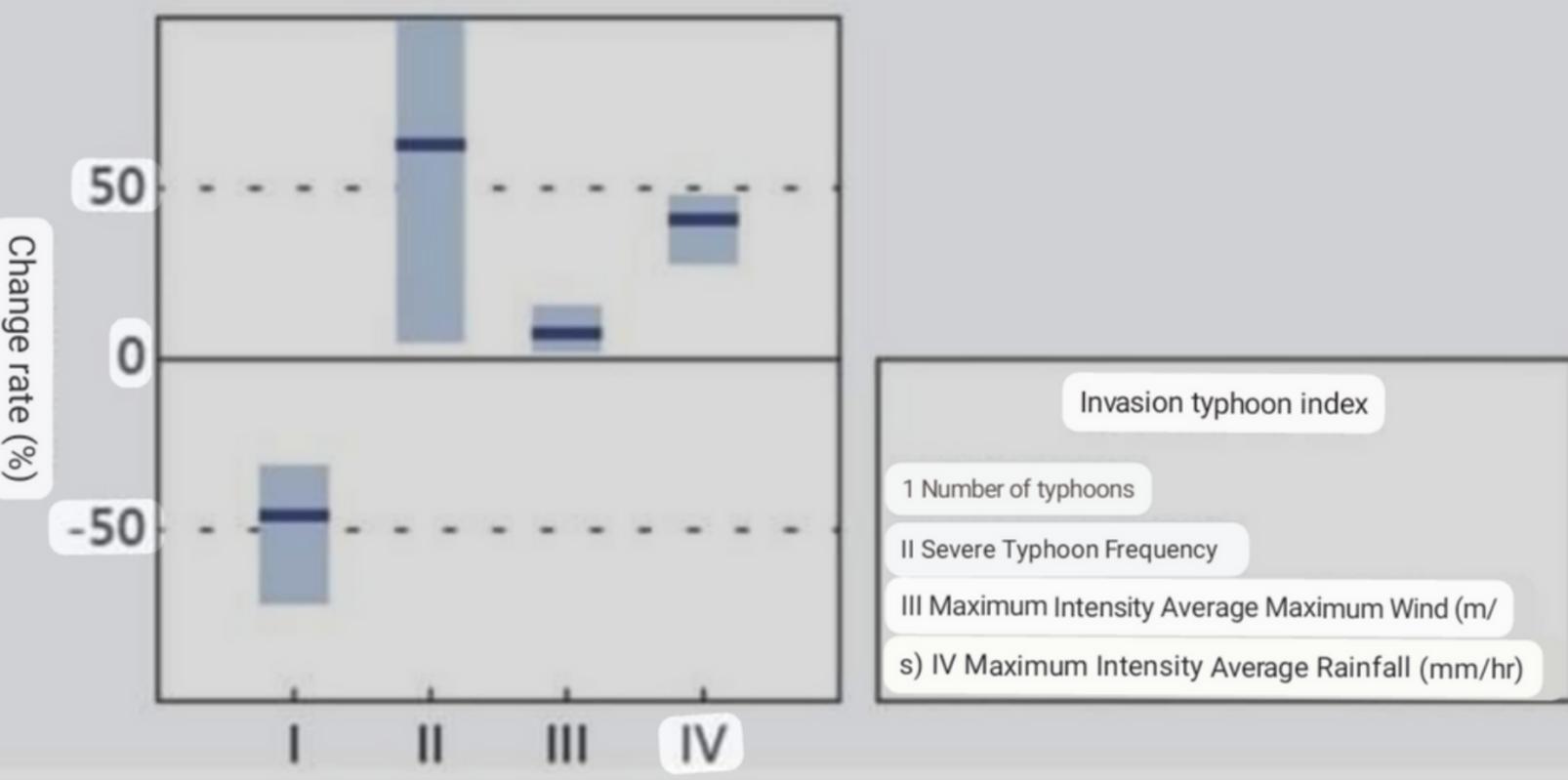


Temperatures Anomaly from 1911-2020



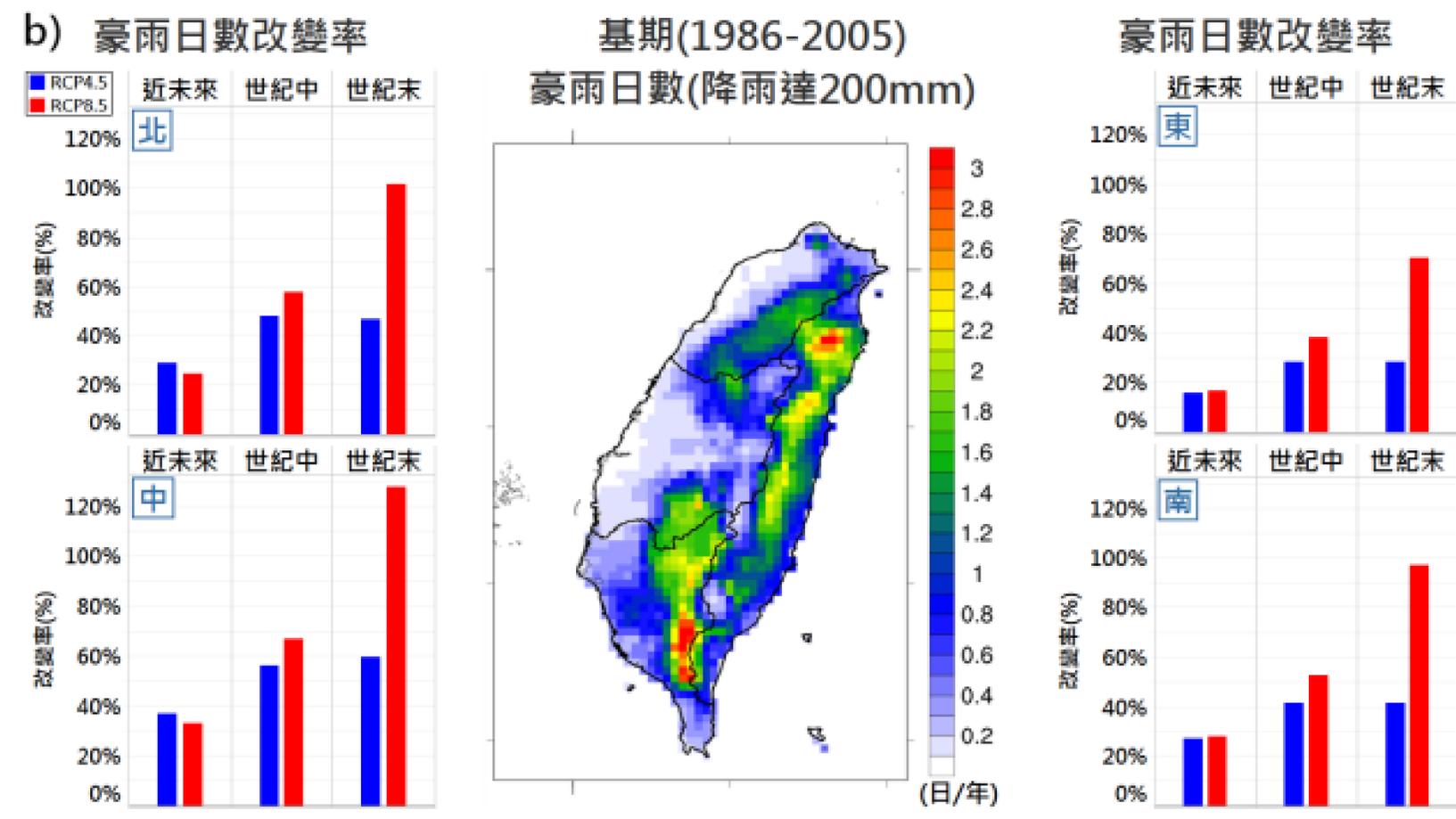
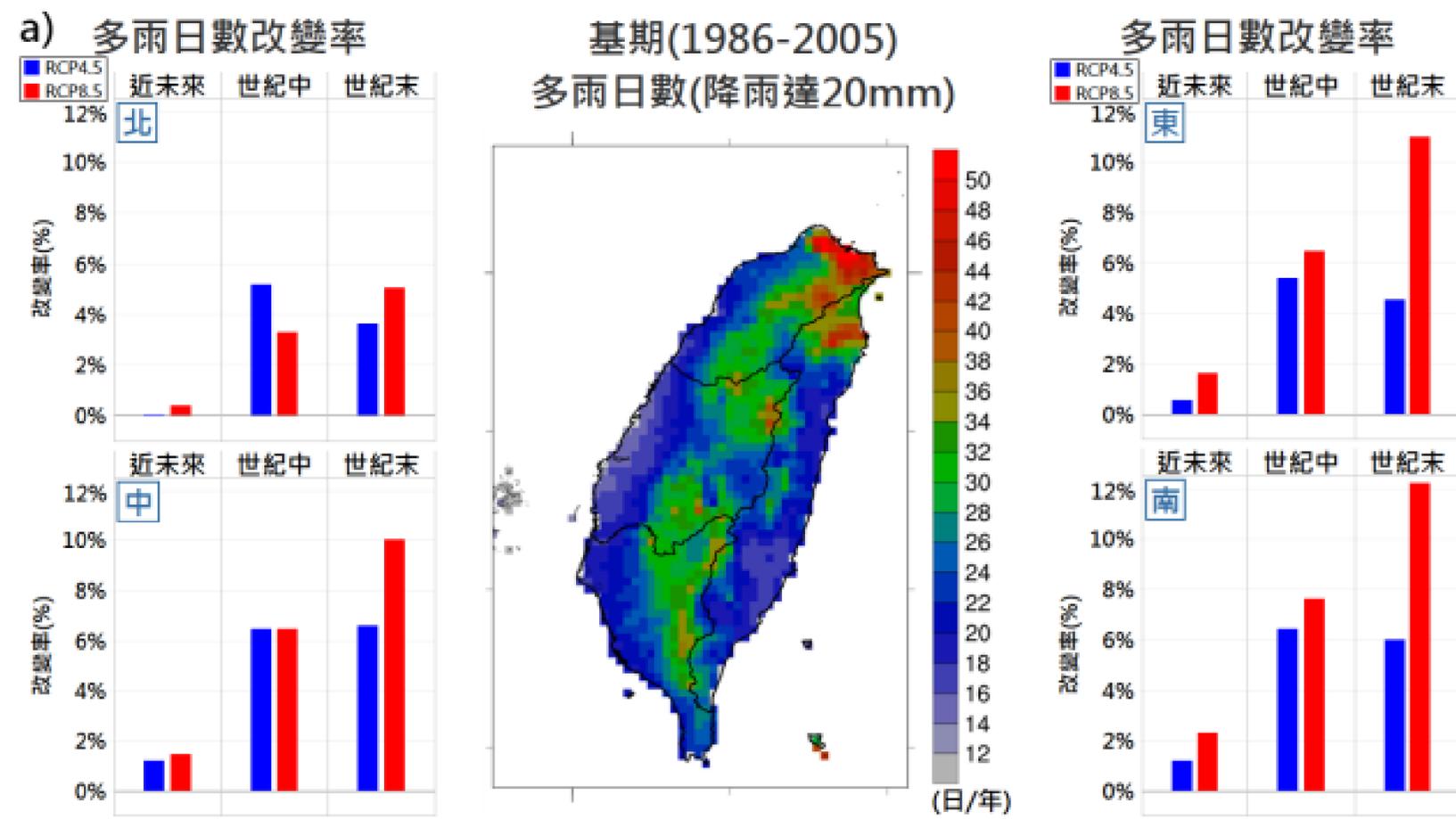
Long Term Changes of Avg Temperature





Torrential Rain & Typhoon

(Source: The Past and Future of Taiwan's Climate, Ministry of Science and Technology, National Disaster Prevention Technology Center)

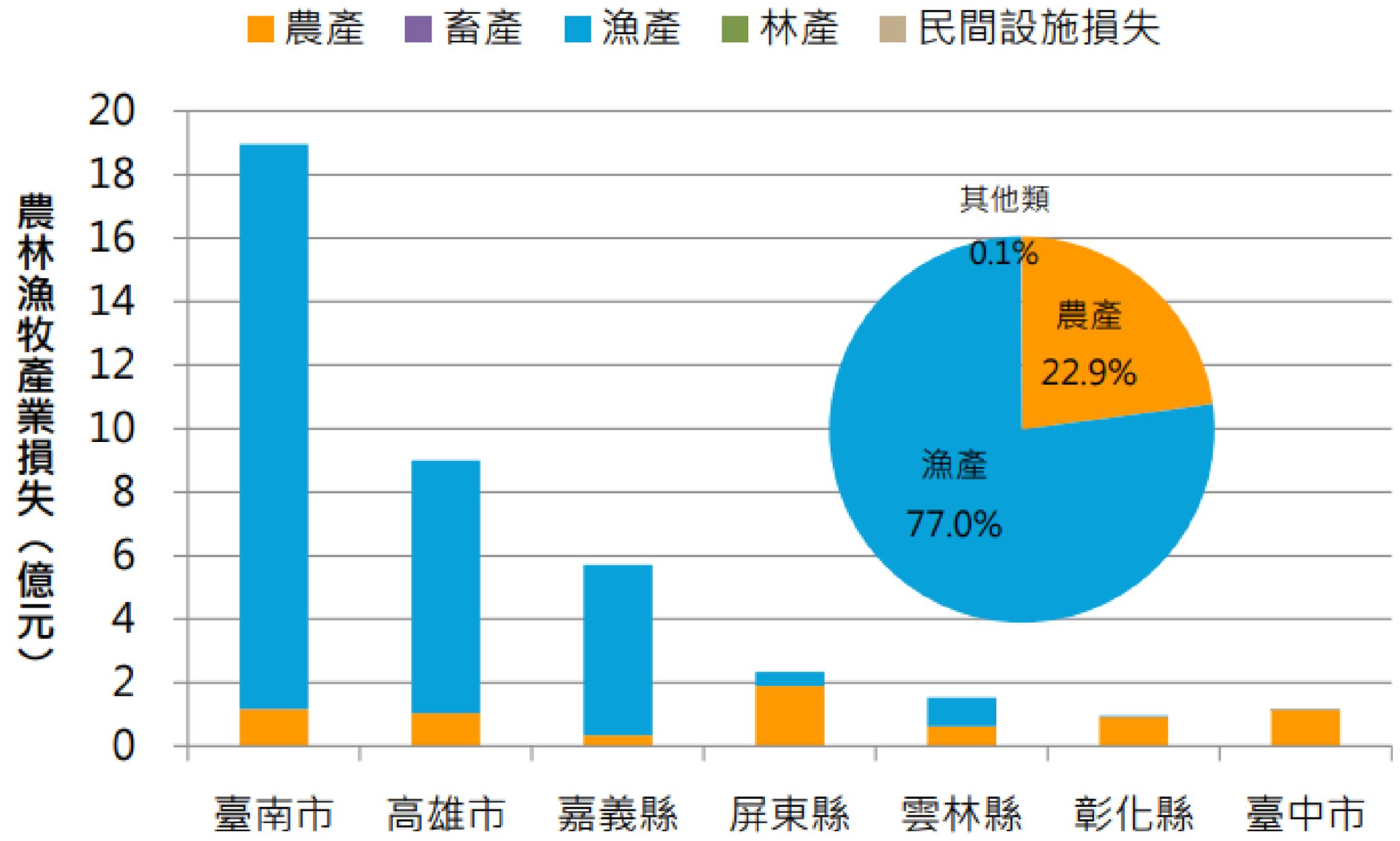


Damage From Cold Weather

Usually happens in Winter of Taiwan



自由時報



(資料來源：行政院農委會；統計截至 2 月 4 日 17 時)

**Storm surge,
sea level rise
threaten
Southwest
coast**



**Mosquito
vector moves
north, air
pollution
increases
health risks**



Government's Policy & Measures Towards Climate Changes & SDGs



行政院
Executive Yuan



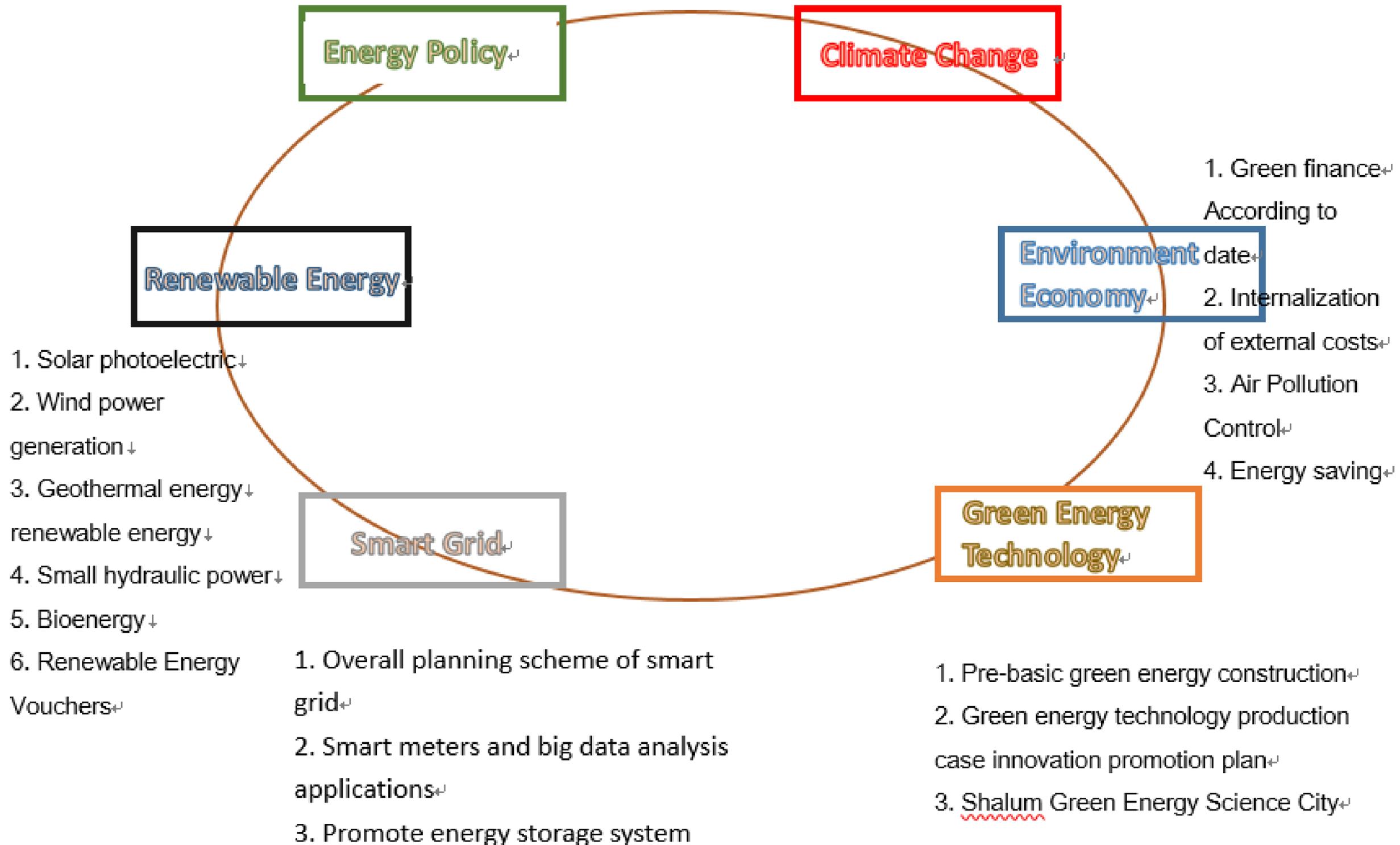
Deputy Executive
(EPA)

Green Environment

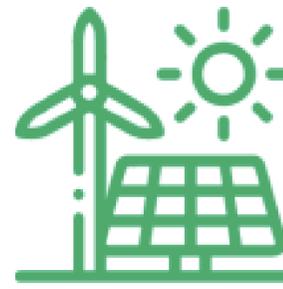


1. Electricity Act+
2. Energy Management Act+
3. Renewable Energy Development Regulations+
4. Energy development+
5. A non-nuclear home+

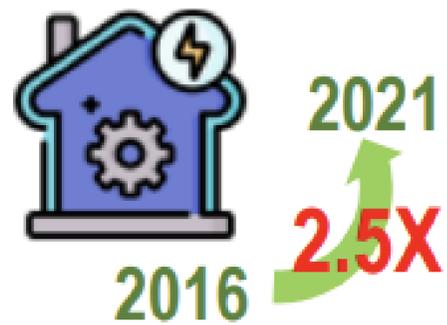
1. 2050 Net Zero Transformation+
2. Greenhouse Gas Reduction and Management Act+
3. Greenhouse gas reduction+
4. Climate change and adaptation+



Environment



Promote green energy, resource circulation,
and optimization of the environment
(SDG 6, 7, 12, 13)



- Cumulative installed capacity of renewable energy was 11,585MW in 2021, 2.5 times of 2016.

off-shore wind farms started commercial operations in 2019



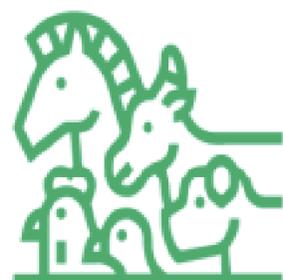
solar power increased more than 5 times



- Taiwan Sugar Corp — Circular use of oyster shells.

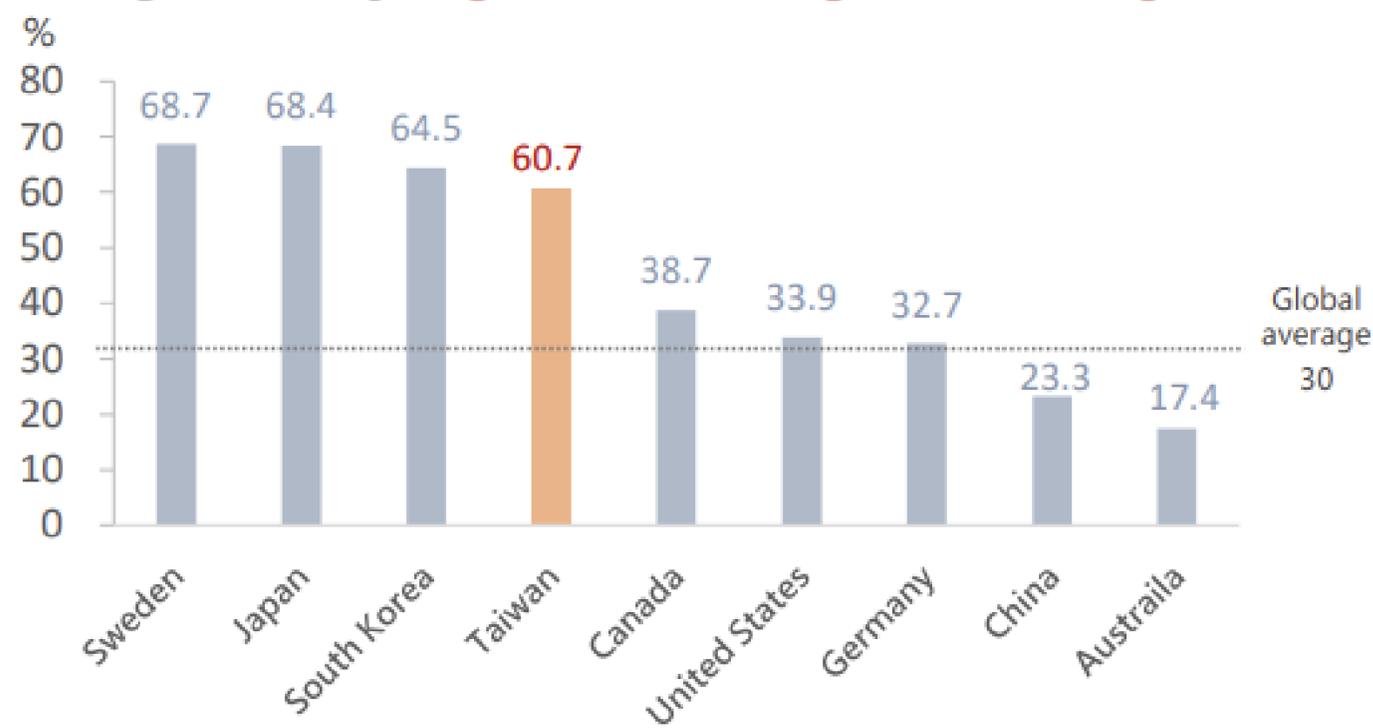


Environment



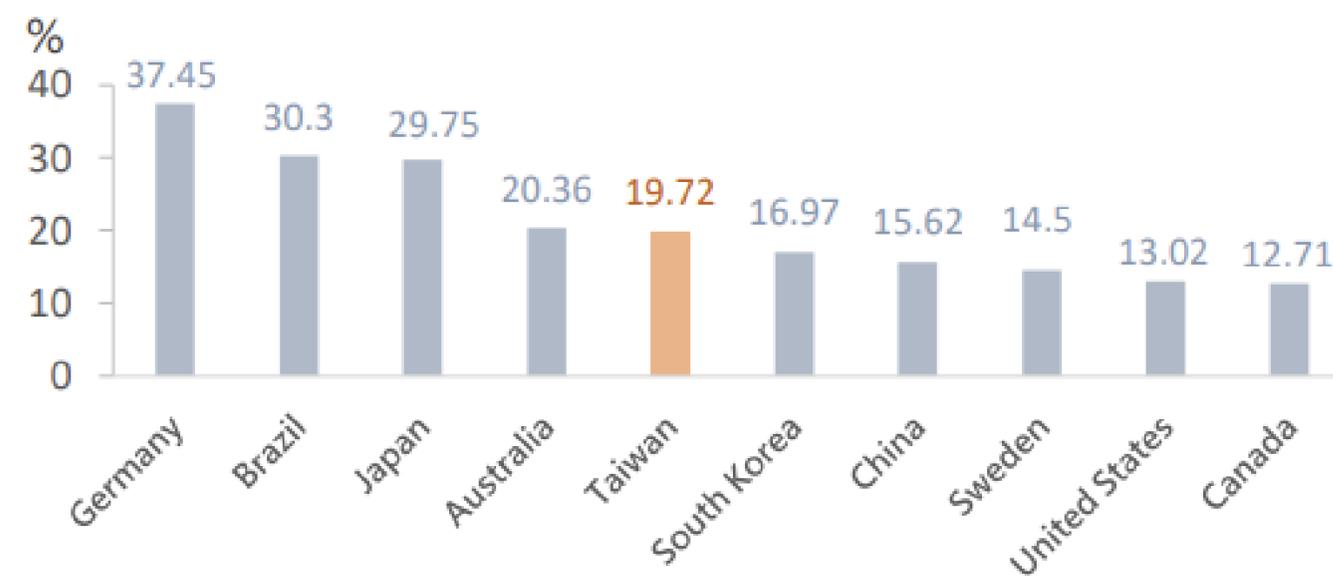
Realize biodiversity (SDG 14, 15)

- In 2020, **forest coverage** increased to 60.71%, significantly **higher than the global average** of 30%.



Source : 1. World Bank, World Development Indicators, Forest area (% of land area).
2. Forest Resources Survey, Council of Agriculture, Executive Yuan, R.O.C.

- Protected areas account for 19% of the total land area of Taiwan, higher than the 17% set by the Aichi Biodiversity Targets.

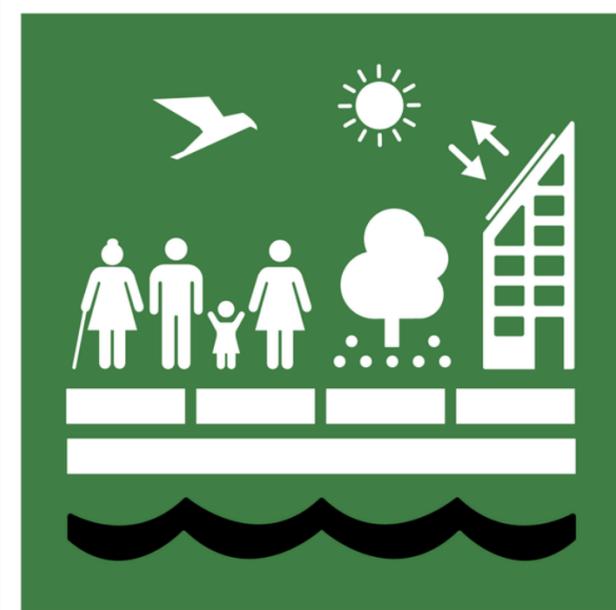


Source: World Protected Area Database

Establish Concepts and Precautions to Reduce Damage Caused by Climate Disasters

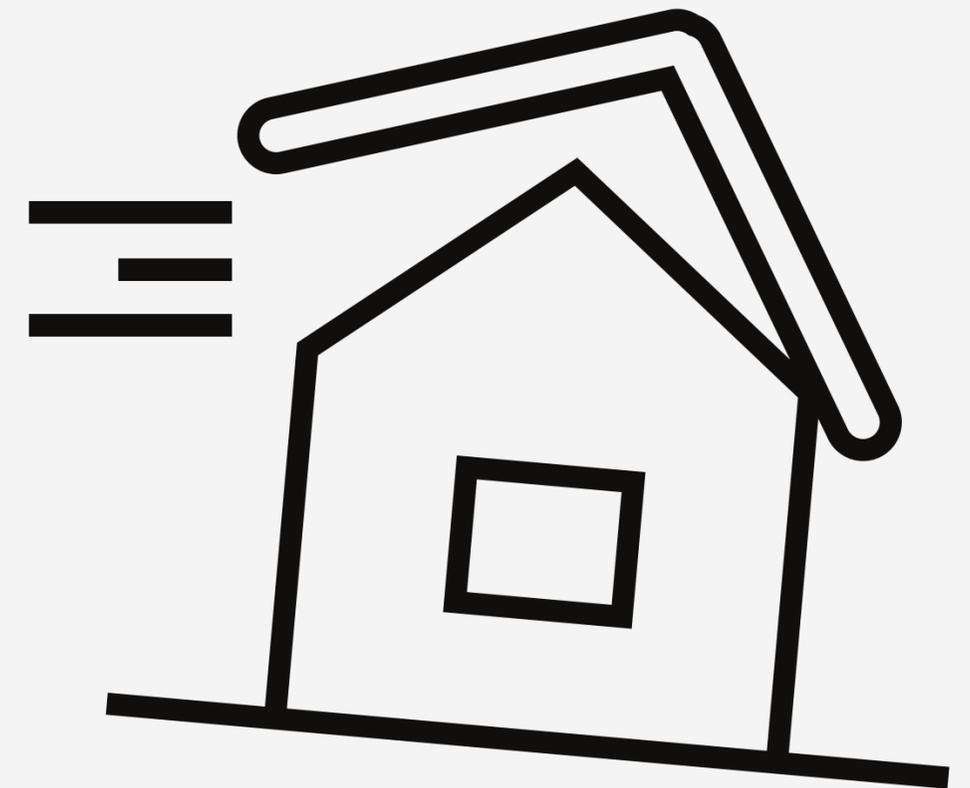


TARGET 13·1



STRENGTHEN RESILIENCE AND ADAPTIVE CAPACITY TO CLIMATE RELATED DISASTERS

Ways to Adapt Damage Caused by Typhoon



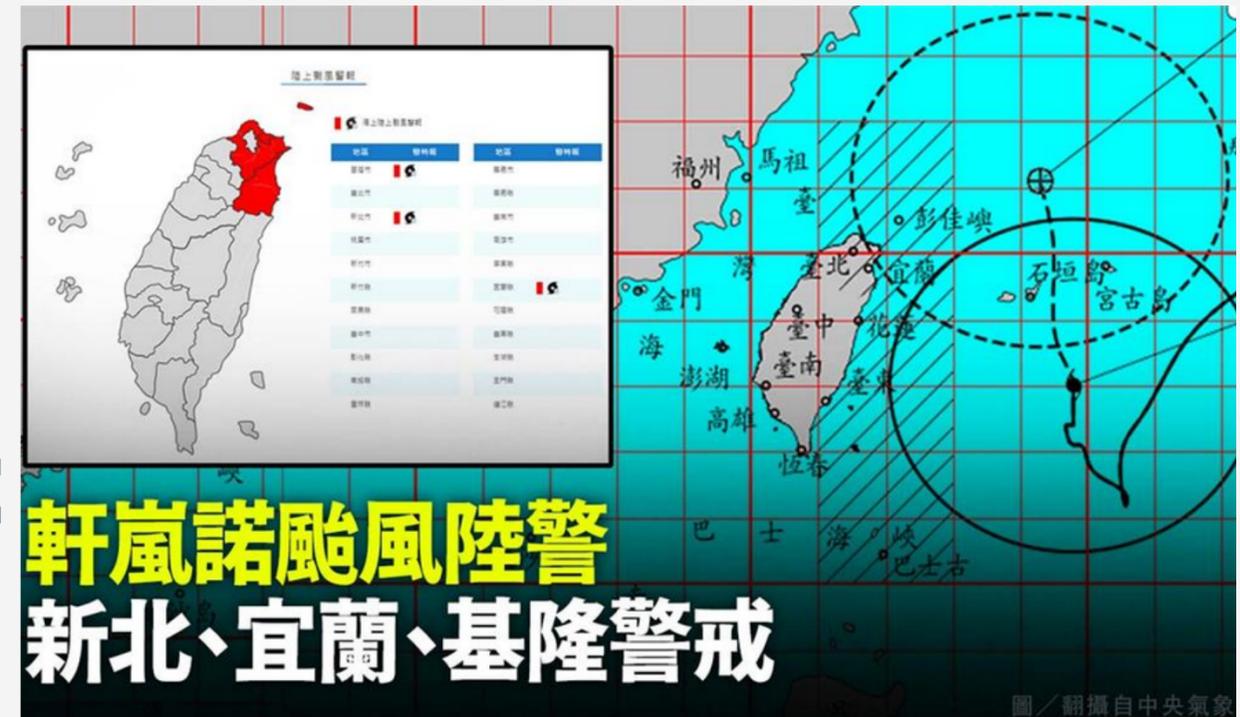
Clean up the Ditch



Remove Unstable Facilities



Weather Forecast & Government Alert



Can Tape on Windows Prevent Glasses from Shattering !?

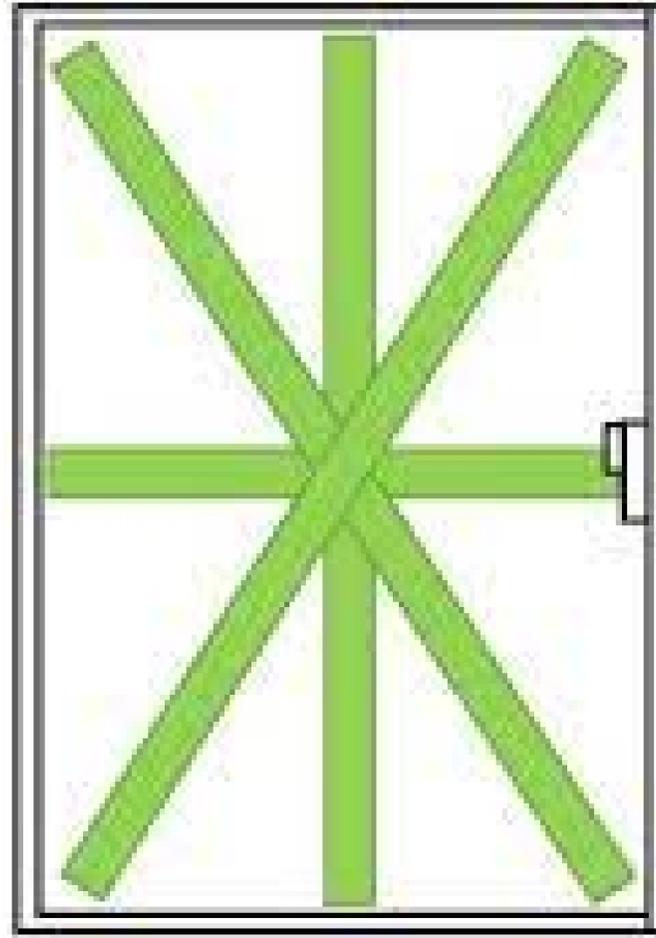
O

safety film



X

tape



The effect of taping on windows to prevent glasses from shattering are limited, and this could cause windows to break easier.

Shortage of Water



Artificial Lakes



- **Store rainwater**
- **Introduce flood water during typhoons.**
- **Lower the ambient temperature**

Damage from Cold Weather



Different Ways:

RICE SHOOT



FISH FARM



FRUIT



Conclusion

