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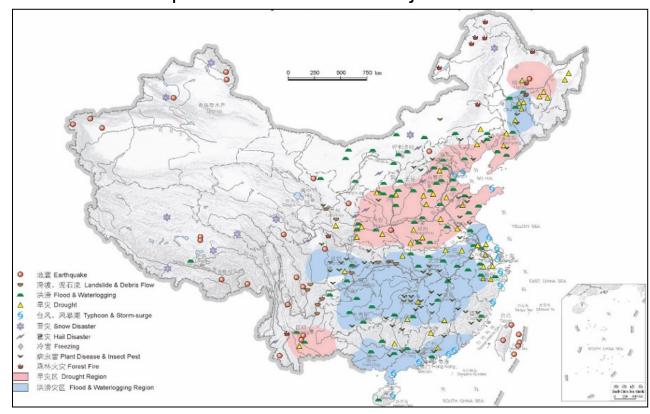
International cooperation

Disaster Situation (2021-2022)



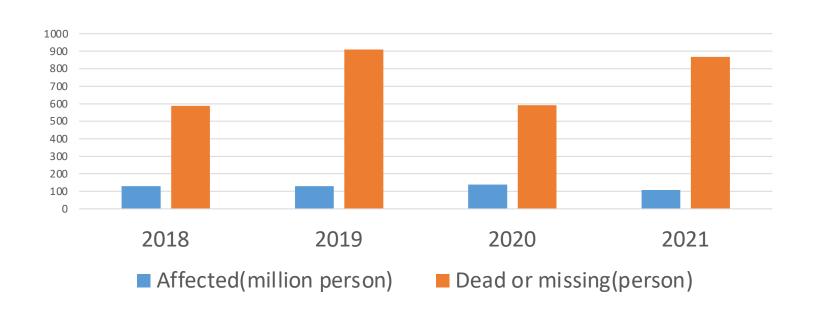
China is one of the countries affected by most of the natural disasters in the world







According to statistics, natural disasters affected 107 million people, 867 people are missing or lost life last year(2021) and for the first quarter of 2022, natural disasters affected 9.5 million people, caused 6 people died, and the direct economic loss was 15 billion Yuan.





From July 17 to 23, 2021, Henan Province was hit by a heavy rainstorm. The disaster affected 14.786 million people, with 398 people dead or missing, and direct economic loss of 120.06 billion Yuan.





Strategic Plan

>>> Emergency Satellite Observation Constellation

The "14th Five-Year (2021-2025) Plan for National Emergency Management System" was issued by the State Council in February 2022.

Establishing an Emergency Satellite Observation Constellation was one of its important way to strengthen the capacity of risk monitoring, early warning and emergency rescue, and to foster the modernization of the emergency management system and capacity.

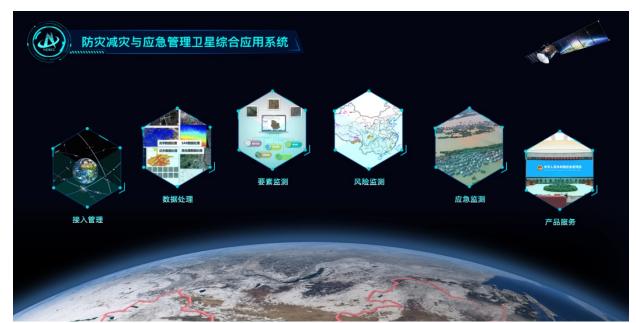
Applications



>>> Enhance the capacity of integrated application system

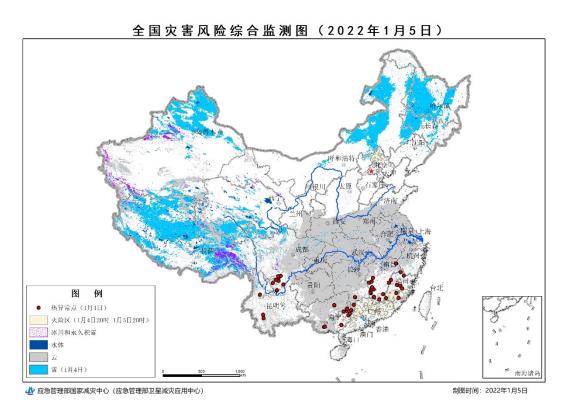
Steady progress for the construction and operation of integrated application system, formed an application framework and procedure for disaster risk monitoring, emergency response, and started the application for safety

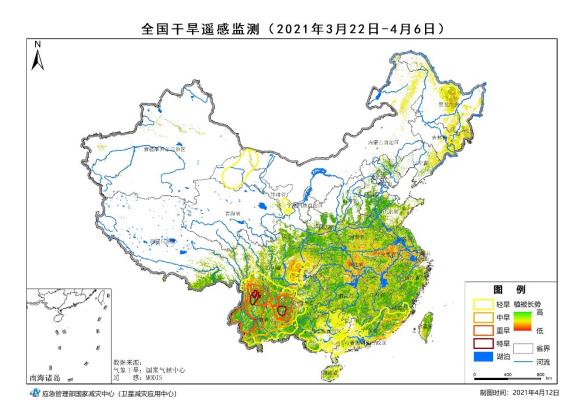
production.



Applications

Risk monitoring



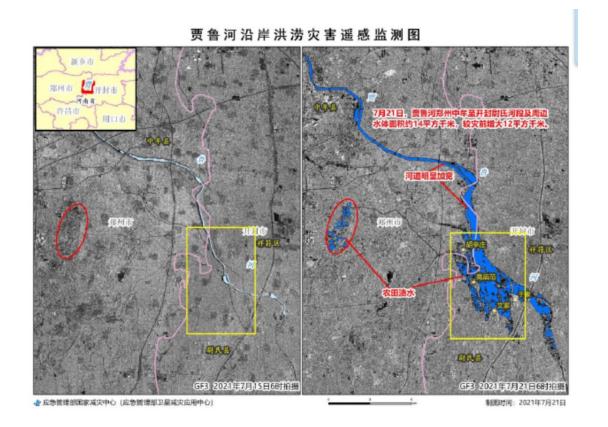


Hot-spots monitoring for forest fire, snow cover monitoring, water area motoring, drought monitoring, etc;

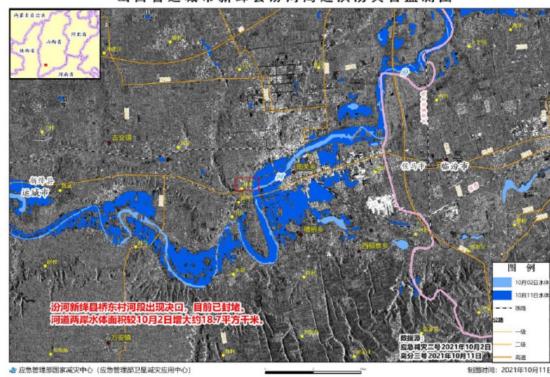


Applications

Emergency response: Flood monitoring

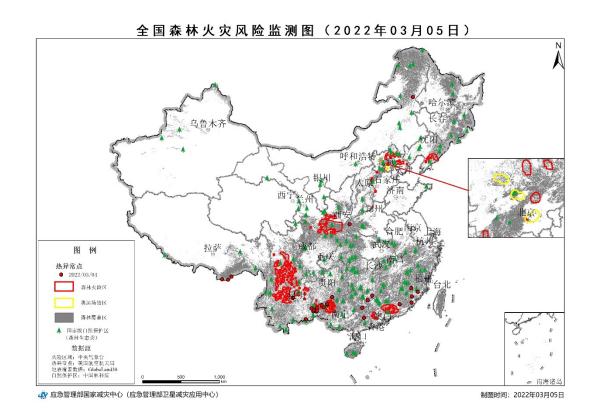


山西省运城市新绛县汾河周边洪涝灾害监测图



Applications

Emergency response: Forest fire monitoring



山东省威海市文登区与烟台市牟平区交界山火遥感监测图(二)



>>> Applications

Emergency response: Earthquake and landslide

山东省威海市文登区与烟台市牟平区交界山火遥感监测图(二)



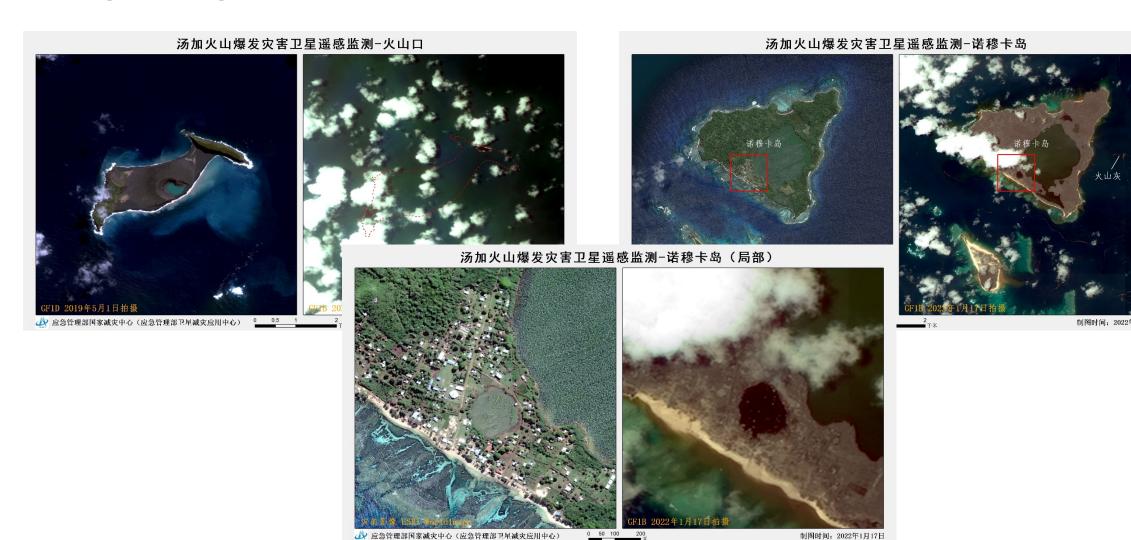
云南省贡山县独龙江滑坡遥感监测图



International Cooperation

>>> Emergency response

Hunga Tonga volcano



>>> International Cooperation





Continue to support annual conferences, technical advisory support and emergency response

Work as the project manager



for Asia-Oceania

GROUP ON Actively participate in disaster reduction EARTH OBSERVATIONS activities under GEO, AOGEO and other international initiatives

>>> International Cooperation

Project: Integrated Application research of Earth Observation under the Sendai Framework (2020-2022)

Continue to carry out the project with aim to support the monitoring of indicators of the Sendai Framework through earth observation technology

Pilot projects: will demonstrate in Laos, Sri Lanka and Nepal

