



"Sustainable Forest Management for the mitigation and adaptation against climate change"

Sustainable Forest Management Strategies for Sediment Disaster Prevention and Mitigation and their Expansion to Developing Countries



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SEDIMENT DISASTERS IN JAPAN



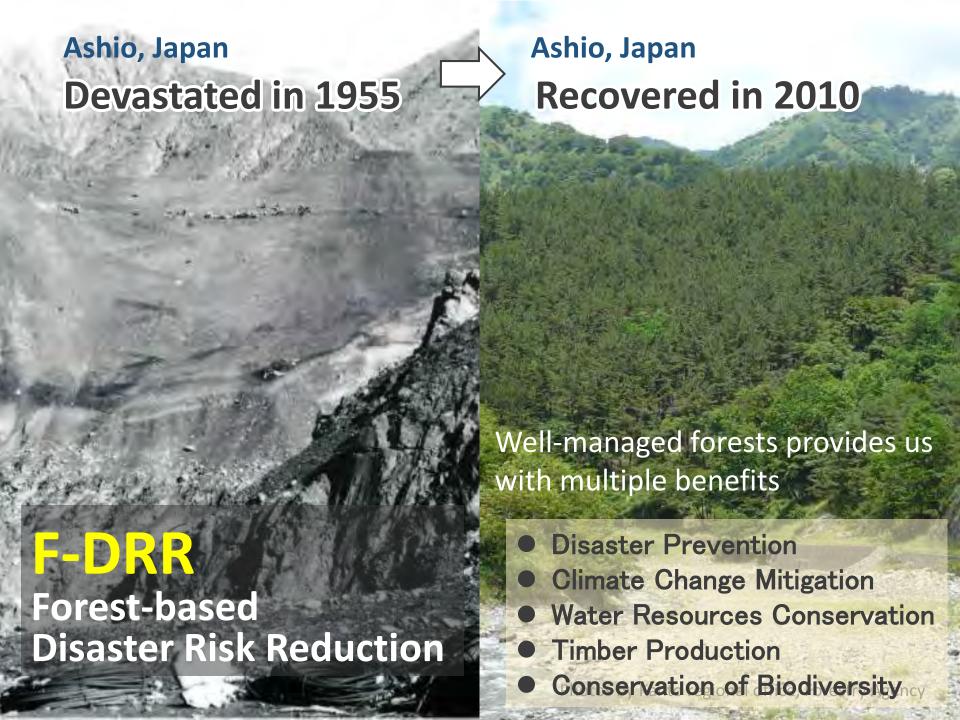


JAPANESE OLD PAINTING "UKIYO-E"

Forested mountains were not represented in painting 200 years



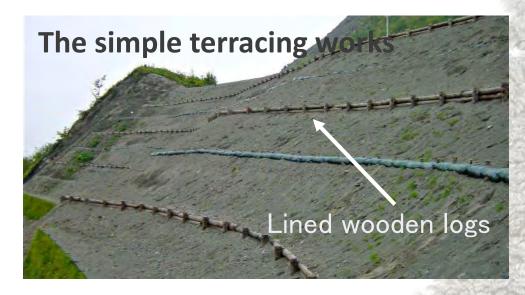
By Utagawa Hiroshige (1797-1858)

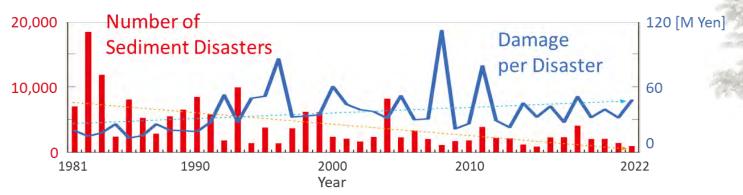




JAPAN'S ORIGINAL TECHNIQUES FOR FOREST MANAGEMENT

The simple terracing works using wood logs prevent sheet erosion and make a good environment for trees to grow.





The Number of Sediment-Related Disasters in Japan Over the Past 40 Years



SEDIMENT DISASTERS IN VIETNAM



Landslides caused by heavy rainfalls in northern Vietnam (Yen Bai province), photographed in September 2023.

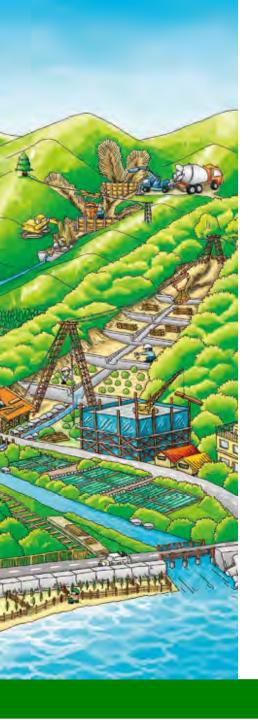


LAND USE ON SLOPES IN VIETNAM

- "Chisan", Japan's forest management techniques have high technical potential, especially in the restoration of forests on devastated slopes.
- Due to economic difficulties, there is a strong tendency to use mountain slopes for agriculture.



Slopes Along the Roadsides in Vietnam



CHALLENGES IN THE FUTURE

Japan's history with deforestation and landslides has led to original forest management techniques focused on disaster prevention and mitigation.

These techniques hold a great potential for significant contributions to forest restoration in developing countries.

Successful forest restoration also requires addressing social and economic issues in each developing country.

