

Unused Trees in Japan, a Major Forestry Country

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The **forest area** in Japan has remained almost **unchanged** over the past 50 years.

Nevertheless, there is still a large amount of **foreign timber** on the market today. We are not fully **utilizing** our domestic resources.

The main reason for this is the **neglect of forests**.

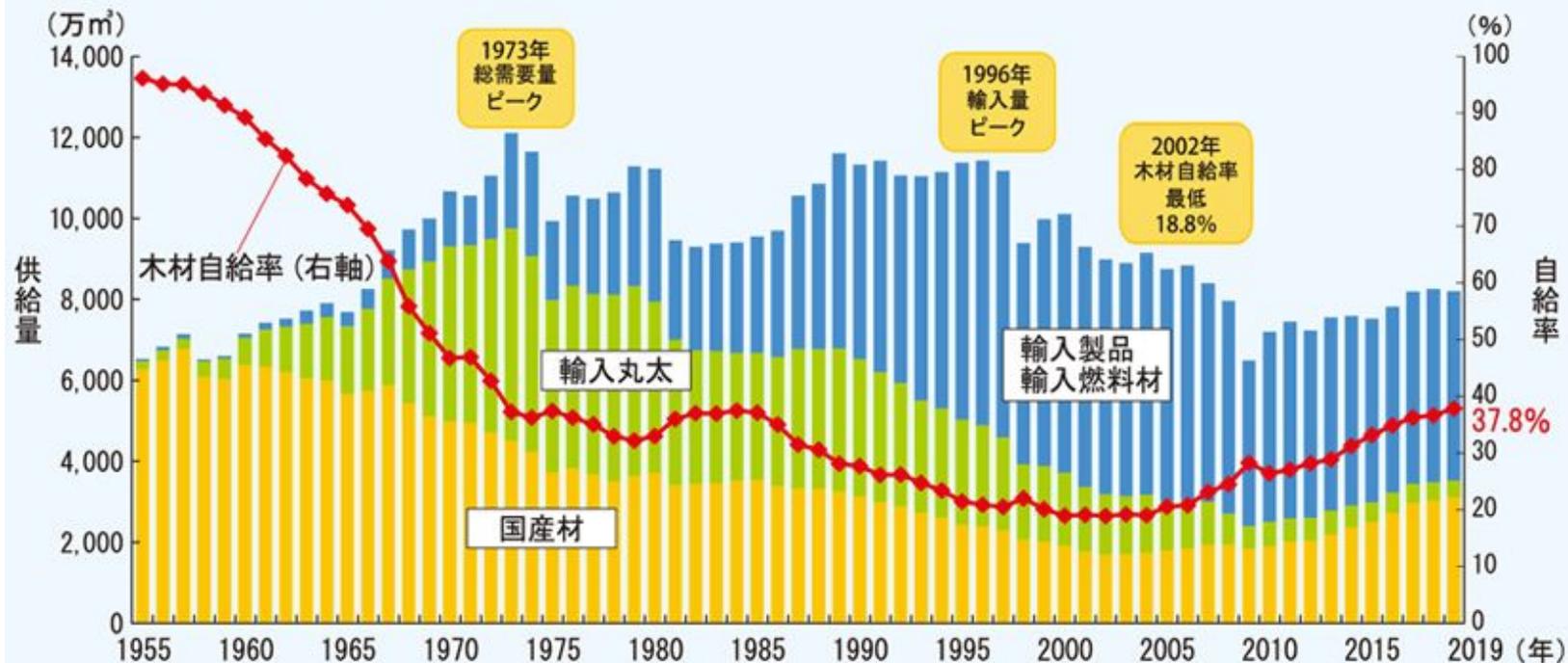
Japan, a Major Forestry Country

68.5%

Trends in Wood Supply and Wood Self-sufficiency

https://www.nice.co.jp/wp/nbr/20201015_01/

図1 木材供給量および木材自給率の推移



林野庁資料より作成

Meanwhile, **Japan...** Problems Caused by Forest Neglect①

Landslide

Without **human intervention**, the entire forest becomes **dark** and the trees do **not take roots**. Also, grass will **not grow** on the ground and the soil will **die**, leading to **large-scale landslides** in the case of heavy rain or earthquakes.

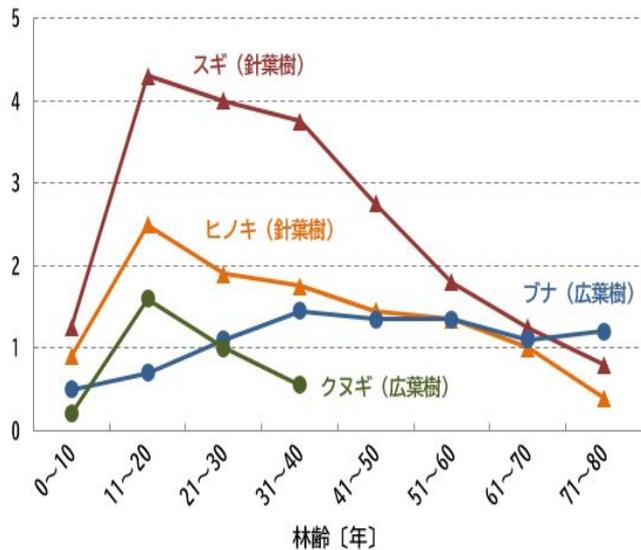
In particular, many of the landslides that have occurred in **recent** years have been caused **by neglect of artificial forests**.

For example, 2012 Kyushu torrential rainfall, 2014 Hiroshima City landslide, 2018 Hokkaido Eastern Iburi earthquake hillside collapse.

Meanwhile, Japan... Problems Caused by Forest Neglect②

樹種別・林齢別炭素吸収量

[炭素トン/ha・年]



出典：長野県地域森林計画主要樹種林分材積表に基づく試算
グラフ作成：森林・林業学習館

Decline in the function in preventing Global Warming

←https://www.shinrin-ringyou.com/ondanka_boushi/tanso_kyusyu.php

Young trees absorb more **carbon dioxide** than mature trees. Therefore, as the number of **old, neglected** planted forests increases, their function in preventing global warming will **decline**.

Cross Laminated Timber

CLT

Reference

「森林・林業学習館」2022/11/11閲覧

<https://www.shinrin-ringyou.com/>

「日本の森林伐採の現状と問題」株式会社アピステ2022/11/11閲覧

https://www.apiste.co.jp/column/detail/id=4502#h2_1

「ドイツの林業と日本の森林」岸修司 築地書店 2012年10月発行

「SDGs時代の木材産業」井上雅文など 日本林業調査会 2020年1月

Thank you for listening!