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FOREST ECOLOGY



**Why are trees
of the size
that they are?**

Tallest trees in the world are nearly 120 meters tall, but in most parts of the globe large trees are only a third of that. We still do not know why there is such a huge variation, even though understanding current biomass variation would be the first step to understand future impacts of climate change.



**How to mitigate climate
change and produce
wood at the same time?**

Forest management has been optimized in the past decades to produce wood and provide ecosystem services such as hydrological benefits. However, storing carbon has emerged as a key benefit of forests and stand management should be optimized to take this into account.



**Where should we
conserve forests and
where use them?**

Climate change is causing serious problems around the world and one way to mitigate this is to increase carbon in forests. Temperatures determine growth and maximal biomasses and therefore it matters in which climate carbon conservation and production are done. Storage and production should be optimized globally.

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