

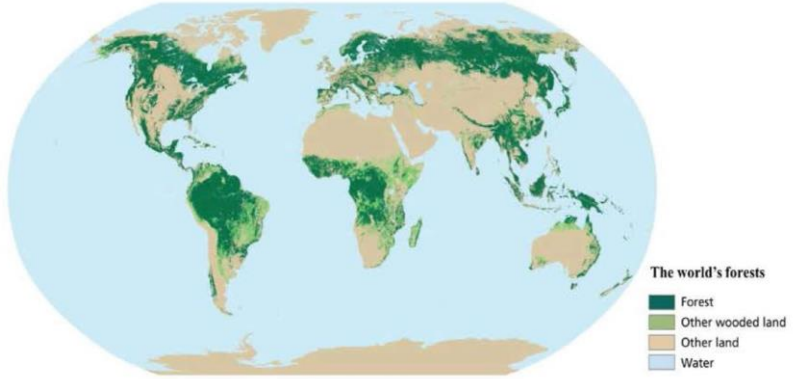
# **Study of the wettability and color modification of torrefied wood**

**Bengang ZHANG**

**19/11/2021**



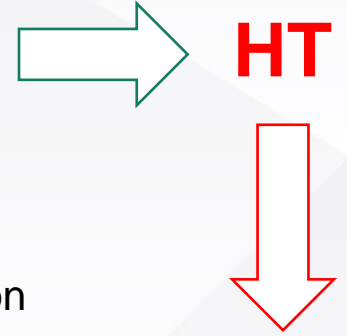
# Preface



Forests account for 31% of the global land area. (FAO)



Good wettability and the sorption



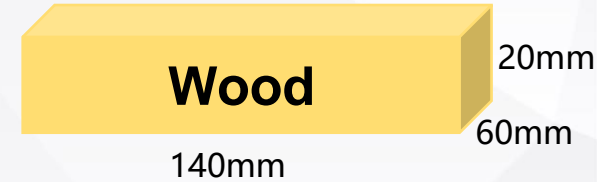
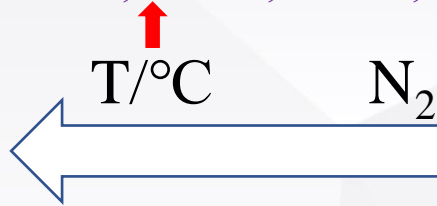
100% MC

Cellulose  
Hemicellulose  
Lignin



# WHT

120°C, 140°C, 160°C, 180°C, 190°C, 200°C, 210°C, 220°C, 230°C, 240°C, 250°C, 275°C, 300°C



Heating time 120 min

Heating rate 2°C/min



Beech

Fir

**Merci de votre attention !**

A red-outlined thought bubble with a small tail pointing downwards and to the left. Inside the bubble, the text 'C24' is written in a bold, black, sans-serif font.

**C24**

A solid orange square is located in the bottom right corner of the slide, partially overlapping the blue footer bar.