## The significance of plant hydraulic parameters for modeling

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## **Motivation and Methods**

- Climate change increases plant water stress, challenging

- impact modelled fluxes<sup>2</sup>
- water potential at 50% conductance loss ( $psi_{50}$ )
- hydraulic trait databases<sup>4,5</sup> (Fig. 2)



5. Choat et al., 2012. <u>https://doi.org/10.1038/nature11688</u>



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