**Model assumptions**

Differences in the utilization of water resources between species was not considered as predictor of the vegetation community structure (i.e. drought tolerance, water use efficiency)

Water availability is the major determinant of vegetation structure (more than nutrient availability)

**Model speculations**

Climate change is expected to increase the aridity of semiarid landscapes by increasing heat stress and decreasing soil moisture 🡪 Extra water can mitigate the negative impacts of climate change? It may benefit woody species since they would be the most affected by climate change

**Model predictions**

Tree cover is expected to be greater in areas where there would higher soil moisture content

**Model Facts**