Warm temperate wet grassland



EVERGLADES NATIONAL PARK
FLORIDA, USA
By Moni3 [Public domain], via Wikimedia Commons

Vegetation

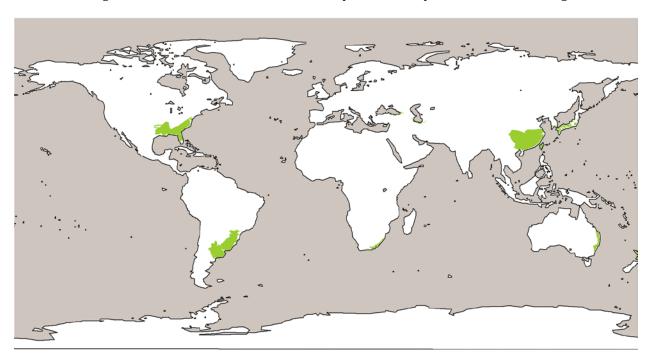
Warm temperate wet grasslands are grass-dominated.

Climate

Warm temperate wet grasslands are found in warm, wet subtropical climates.

Potential Distribution

This distribution map illustrates the climate zones in which this ecosystem type occurs, with stippled areas indicating climate zones where it is rare. It is not present in all parts of its climatic range.



Climate regulation value

The average greenhouse gas value for ecosystems of this type is 185 metric tons CO_2 -equivalents per hectare over a 50 year time frame (t CO_2 -eq ha⁻¹ 50 yrs⁻¹). This includes 145 t CO_2 -eq ha⁻¹ 50 yrs⁻¹ from storage of organic matter that would result in greenhouse gas release if cleared and 40 t CO_2 -eq ha⁻¹ 50 yrs⁻¹ from ongoing greenhouse gas exchange between the ecosystem and the environment.

The calculator currently lacks appropriate data to calculate the biophysical effects of clearing this ecosystem type.

Considering an average car, emitting 1.1 lb CO_2 per mile driven, clearing $100 \text{ square feet (9.3 m}^2)$ of this ecosystem type would, on average, be equivalent to driving 345 miles/555 km (counting greenhouse gasses only).