

# Ecosystem services provided by grazing lands in South Florida

## **Abstract:**

Grasslands account for 25% of earth's surface and are an important component of terrestrial ecosystems. In Florida, grasslands cover approximately 1.5 million hectares and they are predominantly occupied by warm-season perennial grasses. Grasslands are the main source of feed for livestock; however, there are many ecosystem services provided by grasslands that are marginally realized by the general public. The objective of the presentation will be to cover a few ecosystem services provided by grasslands, focusing on N fixation, nutrient phyto remediation, and carbon sequestration.

Dr. Joao Vendramini received his BS degree in agronomy from the University of Sao Paulo, the MS degree in Animal Sciences from the same institution, and PhD in forage management at the University of Florida in 2005. He was Assistant Professor – Forage Specialist at Texas A&M University (100% E) from August 2005 to August 2006 before taking his current research and extension appointments (60% R 40% E) in the UF/IFAS Range Cattle Research and Education Center, Ona, FL, where he is

currently Professor – Forage Specialist. Dr. Vendramini's program is dedicated to forage management with emphasis on sub-tropical production systems. The major area of interest is forage-livestock interface and the impact of forage management on ecosystem services.



Featuring

**Dr. Joao Vendramini**  
**Professor, Agronomy**  
**Forage Specialist**  
**University of Florida**

**3:00 p.m. Friday, October 23<sup>rd</sup>, 2020**

Remote Session via zoom

<https://fiu.zoom.us/j/95135104846>

This event is free and open to the public

**Department of Earth & Environment**

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