

A photograph of a harbor at sunset. The sky is a warm, golden-brown color, and the water reflects this light. Several sailboats are visible on the water, their masts and rigging silhouetted against the bright sky. In the background, there are low hills or mountains. The overall scene is peaceful and scenic.

Vegetation Management & Invasive Species

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Monterey, CA

Vegetation Management



- **What makes up Vegetation Management from a Maintenance Perspective**
 - Mowing
 - Herbicides
 - Erosion Control
 - Turf management
 - Brush control
 - Timber management
 - Native Vegetation
 - Performance Measures
 - Maintenance Contracts
 - Performance Based Contracts
 - Etc.

Vegetation Management

- **Activities of SCOM TF on Roadsides & Environment**
 - NCHRP Project 14-16 – Guidelines for Vegetation Management
 - Survey of Native Species in place of turf
 - Survey on Hay Baling on right of way

Invasive Species

A sunset scene with several sailboats on the water and mountains in the background. The sky is a mix of orange, yellow, and brown, and the water is dark with some reflections. The sailboats are silhouetted against the bright sky.

- **Methods of Control**
 - **Timing Mowing Operations**
 - **Cleaning Equipment to prevent transfer of seeds**
 - **Herbicides**
 - **Tracking growth patterns**
 - **GPS**
 - **Mapping**
 - **Research**

MS Experience



- **Cogongrass**
 - Spreading like wild fire
 - Difficult to kill
 - Takes over pastures
 - Chokes out pine forests
 - High flash point
- **Help!**
 - MSU Research
 - Congongrass Task Force

Cogongrass



MS Experience Cont.

- Other Invasives common in MS
 - Kudzu
 - Johnsongrass
 - Horseweed
 - Ryegrass
 - Sow thistle
 - Hemp Sesbania
 - Pigweed
 - Sweet gum
 - Privet Hedge



How can Asset Management and Environment Help?

- Provide best management practices - SCOE
- Provide advice on best techniques for locating invasive species and creating asset databases- Asset Management
- Are native species a good alternative to normal right of way turf?
- Advise of research performed or being performed on Vegetation Management or Invasive Species Control.

How can SCOM help you?



Any Questions?



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