



Welcome to CMAVE's Environmental Management System Awareness Training

This training satisfies the requirement for annual Environmental Management System (EMS) awareness training.

When you are ready to begin, please read through the short series of informational pages that follow. You will be asked to document completion of your training on the last slide.



What is an EMS?

EMS integrates CMAVE's environmental objectives with its overall mission, so that environmental considerations can become a routine factor in all of our operations.

An EMS provides the framework for:

- Developing a system that will consistently address and resolve environmental issues.
- Establishing environmental objectives and targets.
- Demonstrating continual improvement of the system and our environmental performance.



Why Implement an EMS?

- It makes good business sense to integrate environmental management with our research mission.
- To demonstrate our commitment to the environment.
- To improve our environmental performance by managing the environmental impacts of our operations.
- To be in compliance with Executive Order 13693, *Planning for Federal Sustainability in the next Decade* (issued March 19 2015).



Benefits from Implementing an EMS

- Decreases environmental risk
- Improves compliance posture
- Improves relations with regulators
- Improves public perception
- Welcomes employee involvement

Implementing an EMS enhances our control and understanding of how our operations affect the environment. Through the use of this system, we proactively seek to improve our environmental performance.



Major elements of an EMS

The five major elements of EMS are:

- Environmental Policy
- Planning
- Implementation and Operation
- Assessment and Corrective Action
- Management Review and Improvement



Environmental Policy

CMAVE's Environmental Policy is a statement of our intentions and principles in relation to our overall environmental performance. The Environmental Policy focuses on the following:

- Commitment to continual improvement
- Commitment to comply with relevant environmental regulations
- Commitment to ensure objectives and targets are met
- Communication to all employees

All employees are required to be aware of CMAVE's environmental policy. A copy of the policy is posted in Bldg 11 copy room, Bldg 1 Safety Board and FAMU Break room.



What are environmental aspects and impacts?

- An environmental aspect is an element of CMAVE's operations that can interact with the environment.
- An environmental impact is any change to the environment resulting from CMAVE's operations.
- CMAVE's Safety & Environmental Committee and **YOU** are responsible for identifying environmental aspects/impacts of our operations and developing measures to reduce their negative impact on the environment while still allowing us to perform our mission.



Significant Environmental Aspects

During the planning stage of CMAVE's EMS, significant environmental aspects were identified. Examples of significant environmental aspects for CMAVE include:

- Hazardous waste generation
- Water consumption
- Electrical energy Usage



Objectives

Our EMS requires us to establish and maintain measurable objectives and targets for significant environmental aspects.

CMAVE's objectives to minimize significant environmental impacts include:

1. Energy Conservation
2. Water Conservation
3. Establishment of environmentally beneficial landscaping.
4. Recycling
5. Fossil fuel conservation
6. Purchases of environmentally sound goods and services (EPEAT and *Energy Star* electronics and appliances).



Corrective and Preventive Action

The CMAVE Safety & Environmental Committee monitors EMS progress to identify corrective and preventive actions that are necessary to ensure EMS improves.

Your help is vital in identifying areas where corrective and preventive measures are necessary.



Employee Responsibilities

- Be aware of and participate in the location's EMS
- Comply with federal, state, local, and ARS environmental regulations and policies.
- Continually improve your processes toward a goal of protecting the environment and improving environmental performance.
- Introduce environmental protection and pollution prevention early in the planning stages of all new operations.
- Report problems or concerns to your supervisor and your Safety and Environmental Committee Representative.



Contacts

If you have any questions or feedback regarding EMS please contact the Safety Office or your Safety & Environmental Committee Representative. Your representatives on CMAVE's Safety and Environmental Committee are:

John Ohlson (Maintenance), **Heidi Burnside** (Behavior & Biocontrol Research), **Darrell Hall** (Imported Fire Ant Research), **Greg Allen** (Mosquito & Fly Research), **Steve Willms** (Chemistry), **Amy Rowley** (Quarantine at CMAVE) **John Mass** (FAMU Location), **Angela Quinata** (Admin)

Your Acting Environmental Management System Coordinator is: Heidi Burnside The Director of CMAVE EMS is **Kenneth Linthicum**