# GSFC Environmental and Safety Review (E&SR) Process

MOSI
Management Operations Services and Information
Environmental & Safety Review - Overview

# Background

- GSFC has responsibility to assess facilities, projects, and activities for potential environmental and safety impacts.
  - GPR 8500.1, *Environmental Planning and Impact Assessment,* specifies procedures and responsibilities to provide environmental planning and ensure compliance with NEPA and other environmental requirements.
  - OSHA regulations require organizations to assess their workplaces including changes to facilities, projects, and activities for hazards and ensure appropriate safety controls are in place to protect personnel.
  - GPR 7320.1, *Facility Safety Management Process,* specifies procedures and responsibilities to review hazards and ensure safety requirements are included throughout the facility's life cycle.

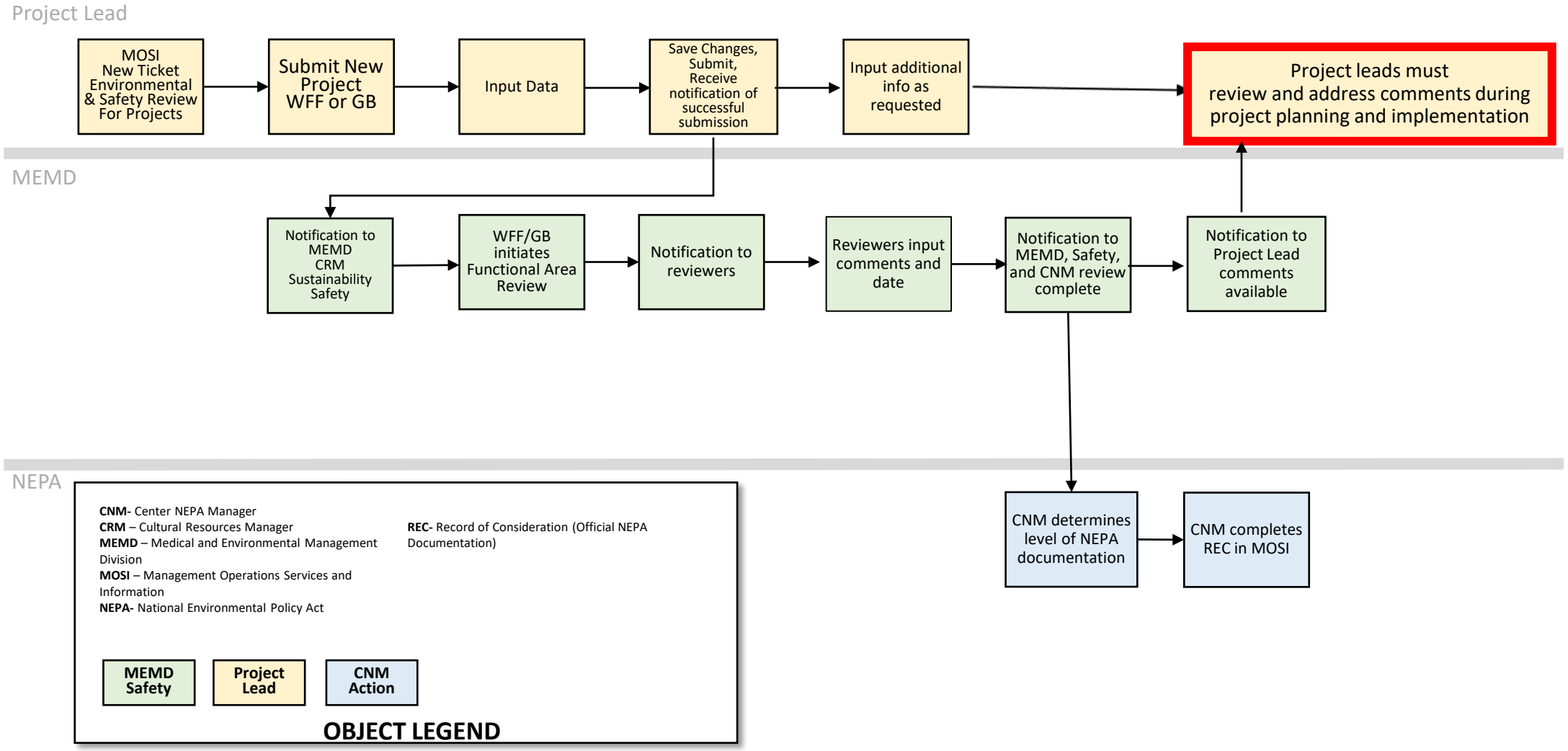
# Background (continued)

- Both GPRs required GSFC organizations to complete forms (e.g., 23-73) to initiate the environmental and safety review process outlined in the GPRs above. This process was in existence for many years.

- The checklist engages Code 250 and 360/391 personnel to help the organization ensure environmental and safety requirements are met.

- Electronic submission replaced paper forms in 2019.
  - Previous form required manual routing to Codes 250 and 360/391.
  - Improved process provides automatic workflow to required participants based on responses on the electronic form in the Management Operations Services and Information (MOSI) system.

# MOSI Process Flow for Environmental and Safety Review of Projects



# What types of projects/activities require safety and environmental review

- The Environmental and Safety Review process must be initiated for:
  - Facility projects including acquisition, design, construction, activation, operation, maintenance, renovation/modification, disposal/demolition, and installation of facilities, equipment, or processes (e.g., office build out, new clean tent, dig permits);
  - Any new or changes in existing projects, activities, or processes that have environmental or safety impacts (e.g., new process using toxic chemicals, new equipment);
  - Onsite or offsite projects or activities (e.g., airborne deployment in Arctic, sounding rocket launches at WFF, GPM);
  - Acquisition of property or leases (e.g., lease for new antenna site).
  - Flight projects (e.g., CARVE, ICESat)
- What is excluded:
  - Routine work that is performed using established processes with safety and environmental controls in place (e.g., ongoing O&M activities);
  - Minor modifications that have low potential environmental or safety impact (e.g., painting office, replacing ceiling tile);
  - Administrative activities, software development, etc. that have low potential for environmental or safety impacts.

# When to submit a project for Review

The environmental and safety review process should be initiated **early** in the planning stages of a project.

# How to get to MOSI E&SR to submit a project

https://mosi.ndc.nasa.gov/

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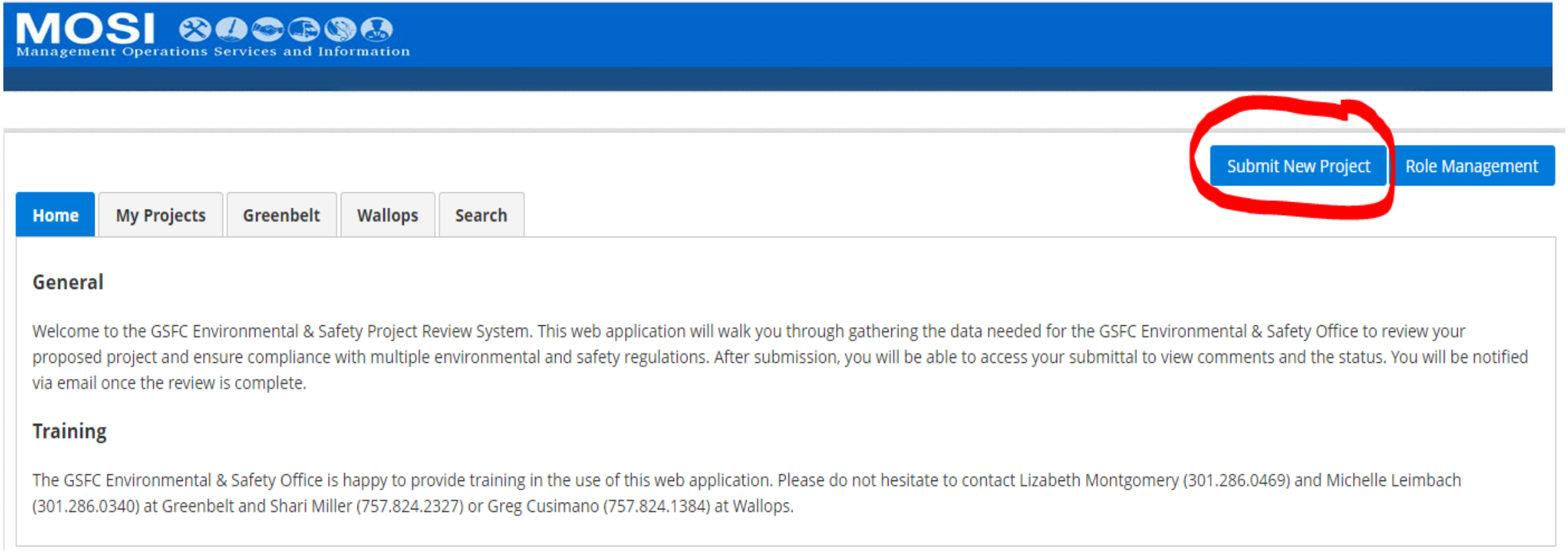
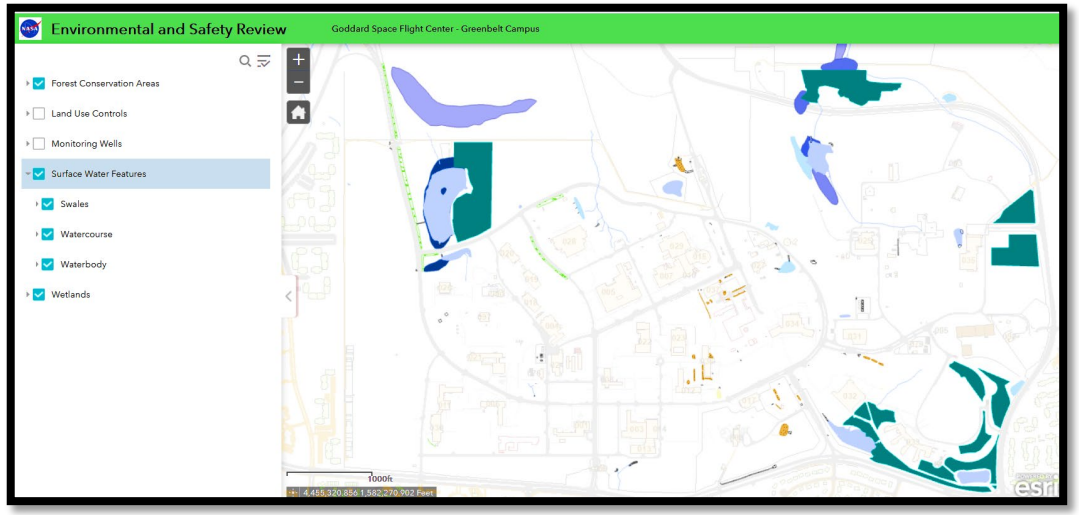
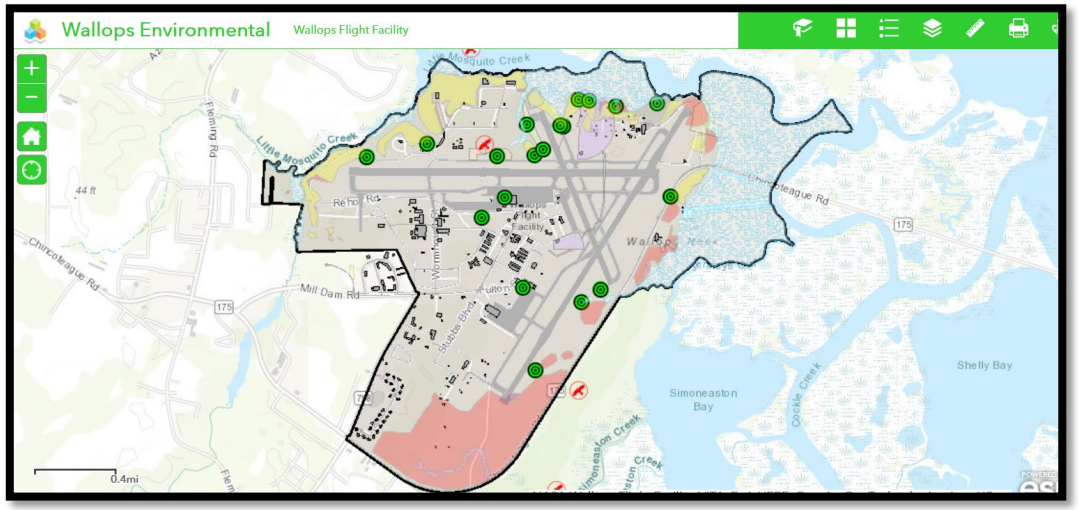
https://mosi.ndc.nasa.gov/EnvironmentalSafetyReview/



# GIS Tool

The on-line E&SR contains links to GIS maps (for both GB and WFF) to show sensitive areas, such as wetlands, cultural resource areas, and land use control areas.



# MOSI Environmental and Safety Review

## Any Questions?

## For more information contact:


**Wallops**

Shari Miller, 7-2327, shari.a.miller@nasa.gov

Greg Cusimano. 7-2156, greg.w.cusimano@nasa.gov

Andrew Cox,  7-2290, andrew.l.cox@nasa.gov

**Greenbelt**

Michelle Leimbach, 6-0340, michelle.l.leimbach@nasa.gov

Lizabeth Montgomery, 6-0469, lizabeth.r.montgomery@nasa.gov

Ken Yargus, 6-0518, kendall.a.yargus@nasa.gov