



Safety and Environmental Newsletter

June 2021 — 110th Edition

WFF Environmentally Sensitive Areas

The Environmental Office continues to improve the Management Operations Services and Information (MOSI) Environmental and Safety Review (E&SR) online checklist (<https://mosi.ndc.nasa.gov/EnvironmentalSafetyReview/index.xhtml>) which is used to review of all Wallops projects, either on- or off-site, as required by GPR 8500.1 and GPR 7320.1. The online portal streamlines and automates the environmental and safety review processes by replacing the old procedures of completing and submitting checklists via email or Code 360 and 250 initiation of reviews.

The E&SR checklist now includes a link to WFF environmentally sensitive areas, e.g., wetlands, floodplains, protected habitat, restoration sites, and culturally sensitive areas. The link leads to the GIS Portal of Environmental Sensitive Areas: <https://wffgis.ndc.nasa.gov/portal/apps/webappviewer/index.html?id=e320a4a313024d1f8a2bc570dd39ab2e>.

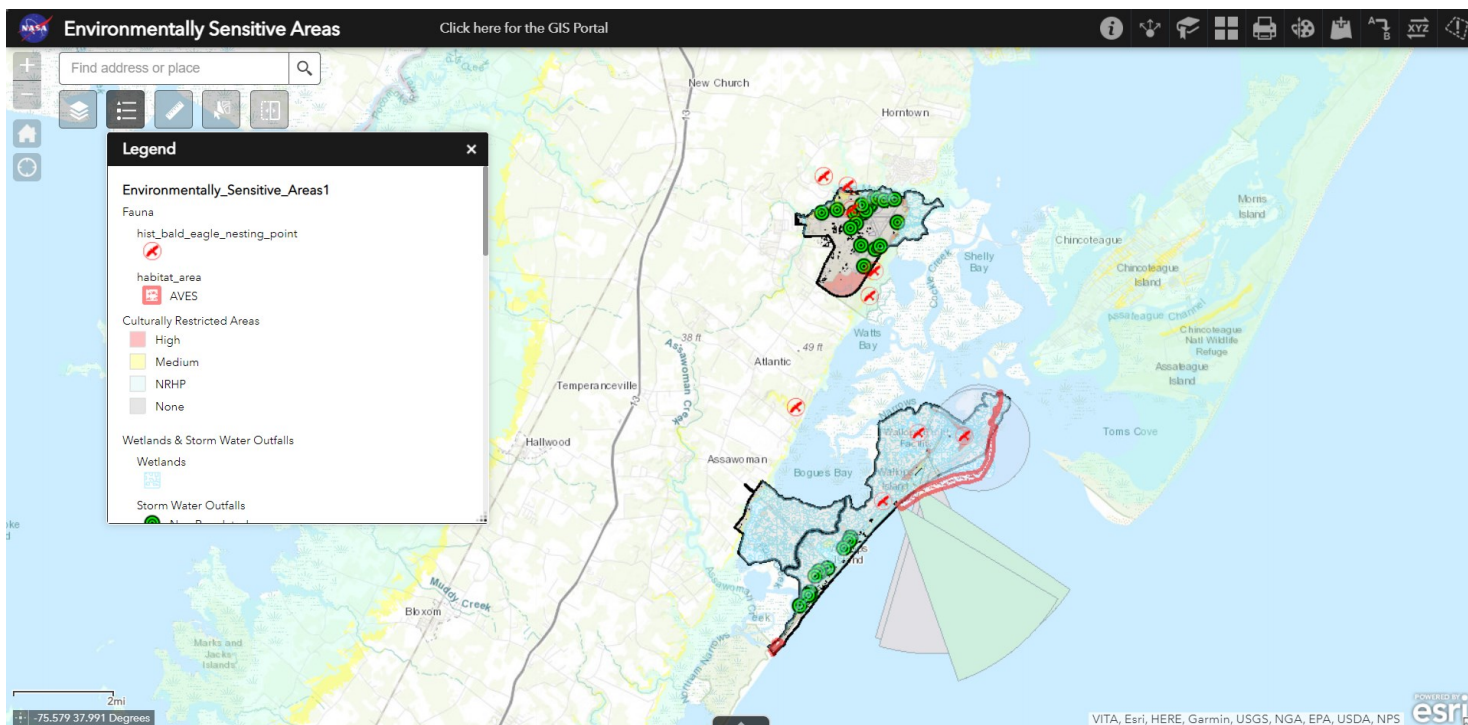
The goal of the mapping is to provide Project and Program Managers with the ability to pre-view potential concerns at a proposed project site or location while going through the E&SR checklist.

Would the project involve soil or ground disturbance?

☐ Yes ☐ No ☐ Maybe

If Yes or Maybe, what is volume and/or area? Is it in the vicinity of a well? Click to view map of these areas -- **Environmentally**

Sensitive Areas



If you have any comments or questions while using the MOSI ES&R or the environmental sensitivity mapping, please contact Code 250, Shari Miller at Shari.A.Miller@nasa.gov.



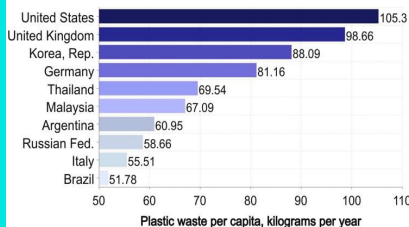
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Plastic Free July: Handle with care, Plastic is everywhere!



Plastic waste produced per person, per nation



Some helpful tips on how to live life plastic free:

1. Carry reusable shopping bags.
2. Ditch bottled water, switch to a refillable stainless steel water container or glass container.
3. Stop using saran wrap and plastic Ziploc bags for lunch and leftovers. Use wax coated cloths to cover or fold over glass/ stainless steel food containers and food items. Just rinse with a mild detergent and reuse.
4. Carry reusable utensils and straws when going out to eat.
5. Skip grocery stores for fresh produce and go directly to farmers markets. Avoiding plastic produce containers and plastic produce bags.
6. Stop buying household cleaner in plastic bottles, make your own.
7. Buy dishwasher detergent in a cardboard box. Use white vinegar from a glass bottle for a clean and safe rinse agent. If handwashing dishes, opt for baking soda to scrub dishes squeaky clean.
8. Make homemade laundry detergent at home to skip those large liquid filled plastic bottles. Or opt for the cardboard boxed detergent.
9. Try using bar soap instead of body wash or liquid hand soap.
10. Change up your deodorant, make your own and store it in a glass jar.
11. Buy bulk toilet paper in cardboard boxes.
12. When there is the option, buy wooden items to replace plastic items. Examples: toothbrush, hairbrush, back loofa.
13. Switch to glass or stainless steel food containers.
14. Set up with a water company or use an exchange/drop off site at a local grocery store for 5 gallon water jugs.
15. Use refillable ink pens, such as a fountain pen.
16. Give up gum. Most gum is made from synthetic rubber. Plastic!

<https://myplasticfreelife.com/plasticfreeguide/>

How to make your own wax cloths

- ◆ Cut fabric in the shape and size you desire.
- ◆ Place on baking tray lined with parchment paper. Pattern side down.
- ◆ Sprinkle wax pellets over fabric, make sure to spread evenly and pay close attention to the edges.
- ◆ Place in oven @ 200 degrees for 4-8 minutes, watch the wax melt. Using a paint brush, gently distribute the wax evenly.
- ◆ Hang to dry. Add buttons and stringed loops if you'd like for a more secure closure.

<https://www.goodmorningamerica.com/food/story/make-reusable-wax-cloth-wrappers-home-minutes-66163472>

Homemade House Cleaner

1. Using a glass jar with lid, add the rind from oranges.
2. Add a cinnamon stick and a handful of whole cloves.
3. Fill jar with distilled white vinegar and replace the lid. Fully coat all the ingredients. Let sit for at least 14 days.
4. Strain solids out from mixture. Pour one cup of the infused vinegar into a spray bottle and dilute with tap water. Ready for use in the household.
5. Save the rest of the infused vinegar for later cleanings.

<https://www.diynatural.com/diy-all-purpose-cleaner-for-fall/>

DIY Natural Deodorant

- Add 2 1/2 tbsp. of unrefined coconut oil and 2 1/2 tbsp. of unrefined shea butter in a glass bowl. Heat in a water bath on the stove till the solids melt.
- Once melted, add 1/4 cup arrowroot starch, 1 1/2 tbsp. baking soda, and 12 drops of your favorite essential oil.
- Place in mason jar and allow to cool to room temp. Cover with lid and use! Use as often as needed.

<https://www.thehealthymaven.com/diy-natural-deodorant-that-actually-works/>





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EYE PROTECTION



Keeping an eye out for potential hazards is only half the battle. Wearing safety glasses can prevent eye injuries.

- Always wear eye protection, whether working with lasers, chemicals, power tools, or electricity, eye protection is always essential.
- Eye protection should protect against the hazard for which it was designed, be comfortable and well-fitting, and durable cleanable, and free of damage.
- Maintain your PPE and clean regularly.
- Removing glasses while in the presence of hazards can lead to injuries.



LAPTOP BATTERIES

With warmer weather here, now is a good time to share laptop battery best practices. To help ensure safe use:

- Keep your laptop as cool as possible by turning it off and unplugging it when not in use
- Power laptop off before storing it in a bag
- Do not store your laptop in the heat and try not to use it in direct sunlight
- Ensure you are using the correct charging cable

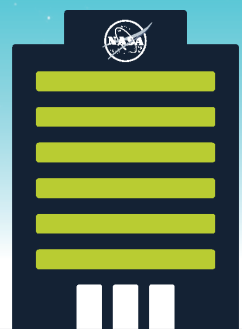
CHECKLIST FOR RETURNING TO ON-SITE WORK

All Goddard campuses are now operating in Stage 2 of NASA's framework for return to on-site work. To ensure all employees are staying as safe and healthy as possible, please keep this checklist in mind:

- Telework is still strongly encouraged. If you must be on-site to perform work, obtain supervisor approval.
- Employees are now required to self-screen for signs or symptoms of COVID. If you are not feeling well, do not come into the facility to work.
- Fully vaccinated employees are not required to wear a mask or physically distance but may continue to do so.
- Employees who are not vaccinated should continue wearing a mask and social distancing whenever possible.



STAY SAFE WALLOPS



Each employee should use the honor system in determining his/her/their requirement to wear a mask and socially distancing. Please respect and protect those around you who may be more vulnerable and/or sensitive.