

LEARN MORE

Natural resource agencies on Guam are available for more information on helping to protect Guam's reefs, and offer outreach and education programs that could help you to develop activities, field trips, and projects.



NATURAL RESOURCE AGENCY LISTINGS:

1) Guam Department of Agriculture - Division of Aquatic and Wildlife Resources, Aquatic Education

Visit our website at www.dawr.guam.gov
735-3982

2) Guam Department of Agriculture - Forestry and Soil Resources Division
735-300-7976

3) Guam Nature Alliance - under Guam Environmental Protection Agency

Visit their website at www.epa.guam.gov

4) University of Guam - Sea Grant

Visit their website at
<http://www.uog.edu/sea-grant/uog-sea-grant-home>

5) Bureau of Statistics and Plans, Guam Coastal Management Program

Visit their website at
<http://bsp.guam.gov/GCMP/GCMP.htm>

6) National Park Service - Guam

Visit them at
<http://www.nps.gov/wapa/index.htm>

NOTES:

HELP SAVE GUAM'S REEFS

TIPS TO HELP GUAM'S NATURAL RESOURCES



Guam Department of Agriculture
Division of Aquatic and Wildlife Resources

DAWR Office
163 Dairy Road
Mangilao, GU 96913

Tel: 671.735.3955/56
www.dawr.guam.gov

BACKGROUND

The newest edition of posters made by Guam Department of Agriculture, Division of Aquatic and Wildlife Resources, under Aquatic Education, is "Help Save Guam's Reefs." The original artwork was created by Tim Hanley. This brochure complements the poster to provide information about the impacts to Guam's environment and offer ideas about how to reduce the effects of erosion and run-off of sediment and pollution onto our reefs. Healthy reefs are important to Guam by improving fisheries, water quality, and protect native animals and habitat. The poster is a teaching tool to others, whether to children or adults, to share what was learned about protecting coral reefs, and Guam's aquatic and other natural resources.

HOW TO USE THE POSTER:

*Locate or develop lesson plans to teach about watersheds, habitats, or coral reefs.

*Search the poster to find both the good and bad practices of natural resource management.

*Discuss how individuals, families, or community groups could contribute to protecting Guam's environment.



HELP SAVE GUAM'S REEFS

1. PRACTICE POLLUTION CONTROL

Do what you can to control any land-based sources of pollution. Don't let trash and hazardous chemicals and waste enter our water sources. Plant crop rows parallel (contour plowing) to streams to avoid fertilizer from contaminating the water. Report environmental violations to Guam Environmental Protection Agency at <http://epa.guam.gov/customer-complaint/report-an-environmental-violation/>

2. PROTECT GRASSLANDS

Re-grow badland by converting destroyed grass coverage to forests by planting native trees. Trees stop erosion from entering our water sources. Replant trees that were removed from land clearing. Contact Guam Department of Agriculture, Forestry and Soil Division at (671) 300-7976 for information on native trees.

3. PUT IN STORM WATER CONTROLS

Prevent future soil erosion and run-off near your home and business. Plant rain gardens to catch rain water to prevent loose soil from entering water sources. Use silt fencing.

4. PROPERLY ANCHOR

Secure vessels to prevent reef damage. Coral reefs are habitats for marine animals and they protect Guam's coastlines. Text 688-DAWR (3297) to report conservation concerns.

5. PROTECT OUR REEFS

Preserve the biodiversity of our marine animals by reducing damage to reefs. Protecting coral reefs mean more fish on Guam!



A. ILLEGAL BURNING

Wild fires destroy native forests and wildlife habitat. Erosion occurs when fires loosen soil which can enter into our water sources. Using illegal hunting techniques increases sediment to flow into our water sources. Call the Guam Police Department or Text 688-DAWR (3297) for illegal burning.

B. UNNECESSARY LAND CLEARING

Removing vegetation increases the amount of sediment to flow into water sources. Sediment buildup contaminates water and can reach our coral reefs. Sediment on coral reduces sunlight and other nutrient uptake necessary for coral to thrive and grow.

C. IMPROPER OFF-ROADING ACTIVITIES

Using areas vulnerable to erosion for off-roading activities increases sediment to enter our water sources. Natural habitats may be destroyed which reduces our native wildlife populations.

D. ANY POLLUTION

Illegal dumping, throwing out household wastewater or oil, or allowing animal manure to flow into streams effects our water sources and the health of our reefs. Report environmental violations to Guam Environmental Protection Agency at <http://epa.guam.gov/customer-complaint/report-an-environmental-violation/>

E. IMPROPER PLANTING

Placing crop rows that allow fertilizers to flow directly into streams and water sources lead to contamination of our water sources.