

Organization Description

Agricultural Experimnt Station (AES), University of the Virgin Islands, RR1, Box 10,000, Kingshill, VI 00850. Contact: Dr. Bob Godfrey; 692-40242, FAX:692-4035. http://rps.uvi.edu/AES/aes_home.html

AES conducts basic and applied scientific research on methods of food and feed production and natural resource preservation in the Virgin Islands. AES research programs include Agronomy, Animal Science, Aquaculture, Biotechnology, Agroforestry and Horticulture.

Cooperative Extension Service (CES), University of the Virgin Islands, RR#2, POB 10,000 Kingshill, St. Croix, VI 00850-1000. Contact: Stafford Crossman, Director; 692-4071; FAX: 692-4085. <http://rps.uvi.edu/CES>
CES is the public education and outreach arm of the University. CES provides programs relating to Agriculture, Natural Resources, Home Economics, and the 4-H Youth program.

Division of Fish and Wildlife (DFW), Department of Planning and Natural Resources, 45 Mars Hill, Frederiksted, St. Croix, VI 00841. Contact: William Coles; 713-2422; FAX: 772-3227. Email: wcoles@vitelcom.net
DFW uses Sportfish and Wildlife Restoration funds from USFWS to develop environmental education materials, presentations and field trips for use by schools, resource user groups, and the general public. Materials cover habitats, fisheries, wildlife and general environmental issues. DFW also is involved in monitoring, research and surveys with fisheries, wildlife and endangered species. The Division provides environmental assessments on development impacts and technical assistance on environmental issues.

HOVENSA, L.L.C., 1 Estate Hope, Christiansted, St. Croix, VI 00820. Contacts: Kathleen Antoine, 692-3774, or David Watterson; 692-3603; FAX: 692-3253. Email: KAntoine@hovensa.com; DWatterson@hovensa.com
HOVENSA has an Environmental Department staffed with Engineers, Scientists, and Technicians. Their responsibilities include the sampling and testing of air emissions, wastewater discharges, and waste materials, as well as monitoring the soils and groundwater at the refinery. They ensure that HOVENSA meets all of the regulations created by the U.S. Environmental Protection Agency (EPA) and the Virgin Islands Department of Planning and Natural Resources (DPNR).

National Park Service (NPS), Christiansted National Historic Site, Buck Island Reef National Monument, and Salt River Bay National Historical Park and Ecological Preserve, 2100 Church Street, #100, Christiansted, St. Croix, VI 00820 4611. Contact: Superintendent Joel Tutein; 773-1460 ext. 22; FAX: 778-8460. Email: chri_superintendent@nps.gov; <http://www.nps.gov>
NPS is a nonprofit organization of the U.S. Department of the Interior that serves to conserve the scenery, natural and historic objects and wildlife within the National Parks and to provide for their enjoyment in such manner as will leave them unimpaired for future generations. Educational activities include field trips and classroom presentations pertaining to the parks' historical, cultural and natural resources.

The Nature Conservancy (TNC) - Southeast Caribbean Program, 3052 Estate Little Princess, Christiansted, St. Croix, VI 00820; Contact: Nancy Graff at 718-5575; FAX 718-1613; www.nature.org
TNC promotes sustainable land use practices and partners with local conservation organizations to help them meet their conservation goals. Located on the historic Little Princess Estate, this site serves as a demonstration model for both green technologies and a native plant species reintroduction project. Informational discovery hikes can be arranged for the demonstration sites and grounds of this 18th century sugar plantation, as well as Jack & Isaacs Bays Preserve.

USDA Natural Resources Conservation Service (NRCS), 5030 Anchor Way, Suite 2, Gallows Bay, Christiansted, VI 00820-4692. Contact: Rudy O'Reilly; 773-9146; FAX: 692-9607. Email: rudy.o_reilly@pr.usda.gov
NRCS assists local landowners with farm subsidy and erosion control programs. NRCS provides leadership and administers federal programs to help people conserve, improve and sustain natural resources and the environment.

VI Resource Conservation and Development Council (V.I.RC&D), 5030 Anchor Way Suite 2, Gallows Bay, Christiansted, St. Croix, VI 00820-4692. Contact: Julie Wright; 692-9632 x5; FAX: 692-9607. Email: vircd@usvircd.org
V.I. RC&D is a locally-run, nonprofit organization that sponsors natural and cultural resource conservation, and community development projects in the USVI. Among its many services, RCD provides grant-writing training, resources, environmental and forestry educational materials, and technical assistance to educators. RCD also assists educators in submitting and administering grants to fund interactive educational projects, such as the Estate Adventure Nature Trail.

St. Croix East End Marine Park (STXEEMP) of the Division of Coastal Zone Management (CZM), Department of Planning and Natural Resources, 50005 Estate Great Pond, Christiansted, St. Croix, VI 00820. Contact: Karlyn Langjahr or Migdalia Roach; 773-3367; FAX: 719-4551. Email: karlyn.langjahr@dpnr.gov.vi or migdalia.roach@dpnr.gov.vi
The St. Croix East End Marine Park is a protected area managed by CZM that encompasses an area from Green Cay to Great Salt Pond on the eastern end of St. Croix. The park covers an area of approximately 60 square miles encompassing nearly 17 miles of shoreline. The STXEEMP provides classroom activities, a mobile environmental learning lab, bayside tours and community programs that highlight the importance of coral reefs and their associated habitats. Education and outreach

also emphasizes the values and benefits of marine protected areas to St. Croix's environmental heritage, cultural identity, and economy.

St. Croix Environmental Association (SEA), 5032 Anchor Way, Suite 3 Christiansted, VI 00820. Contact SEA Office; 773-1989; FAX: 773-7545. Email: sea@viaccess.net; <http://www.stxenvironmental.org>
SEA is a member of the Virgin Islands Conservation Society (VICS), an affiliate of the National Wildlife Federation. SEA is a non-profit group that works to promote conservation of environmental resources, provide education, and advocate for environmentally responsible actions. SEA offers environmental education activities to local schools and provides outdoor activities, films, and lectures to the public on a regular basis.

St. Croix Landmarks Society (Whim Plantation Museum and Lawaetz Family Museum), 52 Estate Whim, Frederiksted, VI 00840. 772-0598, FAX 772-9446. Email: info@stcroixlandmarks.org; www.stcroixlandmarks.org
The Whim Plantation Museum and the Lawaetz Family Museum at Little La Grange are operated and maintained by the St. Croix Landmarks Society, a nonprofit organization that serves to preserve the history and culture of St. Croix. Whim Plantation Museum features an authentic great house and sugar plantation grounds dating from the 1700's (hours are Mon-Sat., 10-4pm). The Lawaetz Family Museum is an 18th-century Danish homestead museum and gardens (hours are Tues., Thurs., Sat., 10-4pm). Both museums offer tours with reduced rates for school groups; reservations are required. Additional educational activities and resources include cultural and historic programs, youth workshops, lectures, exhibits, Ruins Rambles estate tours, and the premier Research Library and Family History Center with rare book library and archives, census records, and historic photographs.

St. George Village Botanical Garden (SGVBG), 127 Estate St. George, Frederiksted, VI 00840. Contact: Lesley Hoffman; 692-2874; FAX: 692-6154. Email: garden2@viaccess.net
SGVBG is a nonprofit organization developed around the ruins of an 18th and 19th century Danish sugar cane plantation which overlaps a pre-Columbian Saladoid Indian settlement. The Garden's mission is to conserve rare and endangered species, preserve historical and cultural relationships between people and plants, and educate the public regarding gardening and horticulture in the VI. In addition to housing a library and herbarium for botanical research, the Garden's programs include educational tours, presentations and workshops, all of which are available to groups of any age by appointment.

The US Fish and Wildlife Service, Federal Building, 3013 Estate Golden Rock, Christiansted, VI 00820. Contact: Claudia Lombard; 340-773-4554.
The US Fish and Wildlife Service is the principle Federal Agency responsible for conserving, protecting and enhancing fish, wildlife, plants and their habitats for the continuing benefit of the American people. The Service manages the 94-million acre National Wildlife Refuge System which encompasses more than 540 national wildlife refuges. Educational opportunities include field trips to Sandy Point, classroom visits, and the Turtle Watch program. The Turtle Watch program allows youth and community groups to visit Sandy Point National Wildlife Refuge during the nighttime in the summer months. Visitors learn about sea turtle biology and conservation while observing nesting female leatherback turtles or emerging hatchlings.

Virgin Islands Department of Agriculture (VIDOA), #1 Estate Upper Love, Kingshill, VI 00850. Contact: Jacqueline Kowalski (Horticulture) or Marilyn Chakroff (Forestry) 778-0997/8; FAX 778-7977.
The VIDOA supports and promotes the agricultural industry while protecting consumers and the environment, through education, development, implementation and communication of sound agricultural policies and programs. The Horticulture Division maintains a production greenhouse and demonstration garden, provides technical advice, and offers field trips, classroom presentations, and seedlings for school gardens. The Forestry division works with private forest owners and with community groups that plan and execute forestry projects, and provides technical assistance on forestry projects.

Virgin Islands Energy Office (VIEO), Department of Planning and Natural Resources Building, 45 Estate Mars Hill, Frederiksted, VI 00840. Contact: Leila Muller; 773-1082; FAX: 772-0063. Email: ldmuller@vienergy.org
Energy Office education program/presentations involve championing energy efficiency and renewable energy technology to students, teachers, parents and school administrators. The goal of the programs is to teach residents to become energy-wise consumers and environmentally friendly.

Virgin Islands Marine Advisory Service (VIMAS), University of the Virgin Islands, RR #1 P.O. Box 10,000, Kingshill, St. Croix, VI 00850. Contact: Marcia Taylor; 692-4046 <http://rps.uvi.edu/vimas>.
VIMAS is the community education, information and outreach branch of the University of Puerto Rico's Sea Grant College Program, serving the Virgin Islands through UVI's Center for Marine and Environmental Studies. VIMAS provides information and programs on marine-related issues and environmental topics, and tours of UVI's Wetlands Reserve.

Virgin Islands Network of Environmental Educators (VINE), 5030 Anchor Way Suite 2, Gallows Bay, Christiansted, St. Croix, VI 00820-4692. Contact: Dee Osinski; 778-7657; FAX: 773-7116.
The VINE network provides coordinated environmental and cultural education programs and resources from twenty agencies and groups in the USVI. VINE links K-20 educators, natural and cultural resource organizations and stakeholders. VINE publishes quarterly newsletters for members and the general public.

Virgin Islands Waste Management Authority (VIWMA), #1A La Grande Princesses, Christiansted, VI 00820 PH: (340)718-4489; FAX:(340) 718-7116; 941-946 Williams Delight, Frederiksted, VI 00840 PH: (340) 712-4961 (1WMA); FAX: (340) 719-1835 Contact: Diane "Dee" Osinski, Environmental Educator, dosinski@viwma.org; <http://www.viwma.org>
The VIWMA was established in January 2004 by Act. No. 6638 to develop and implement a comprehensive waste management program for the Territory, thus ensuring the continued protection of public health and the environment. The VIWMA is comprised of two main operations divisions are Solid Waste and Wastewater. These divisions are supported by Environmental Programs, Engineering, Finance, Human Resources, Information Technology, Strategic Planning, Procurement, Communications Management, Legal, and the Office of the Executive Director.

West Indies Marine Animal Research and Conservation Service (WIMARCS), Sandy Point National Refuge, Estate Whim, Concordia Beach, Frederiksted, St. Croix, VI 00840. Contact: Steve Garner; 772-1382; FAX: 772-3234. Email: steve.garner@wiwarcs.org; <http://www.wimarcs.org>
WIMARCS was created to develop a support system for research and conservation projects and programs that protect and conserve marine animals. Through research, resource protection, education, support groups, and awareness, WIMARCS assists our community, students, researchers, and government agencies in conserving our marine environment. Each research and conservation project and program focuses on the protection and recovery of endangered and threatened species. The programs are designed to protect, recover, and ensure a sustainable marine resource.

Environmental Education Web Resources

The Bridge <http://www.vims.edu/bridge/>
Ocean Sciences Education Teacher Resource Center.

The GLOBE Program <http://www.Globe.gov>
Global Learning and Observations to Benefit the Environment

National Geographic's Sustainable Seas Expeditions
Teacher materials, informal education and other opportunities. <http://sustainableseas.noaa.gov>

National Marine Educators Association
Resources and support for science educators, scientists, government and research. <http://www.marine-ed.org>

National Marine Sanctuaries
Information, data, activities and resources from the nation's marine sanctuaries. <http://www.sanctuaries.nos.noaa.gov/>

National Science Foundation Programs and information for educators and students. <http://www.nsf.gov>

National Science Teachers Association
Promoting excellence and innovation in science teaching and learning for all. <http://www.nsta.org>

National Weather Service <http://www.nws.noaa.gov>
Resources for educators to improve student awareness of meteorology, hydrology and climatology.

NOAA Coral Reef Conservation Program.
Coral reef education curricula and lesson plans <http://www.coralreef.noaa.gov/outreach/resourcecd08/welcome.html>

Project WISE (Web-based Integrated Science Environment) Free middle and high school science curriculum activities. <http://wise.berkeley.edu/welcome.php>

TeachEarth.com <http://teachearth.com>
Resources for teaching and learning about earth system science.

US Environmental Protection Agency
Science resources including curriculum ideas. <http://www.epa.gov/enviroed/>

US Fish and Wildlife Service Tools for educating about fish and wildlife including publications, videos, maps, pictures and a kid's page. <http://www.fws.gov/educon.html>

Water on the Web
Integration of real-time data into educational curricula over the Internet. Data, lesson plans, support for water education. <http://wow.nrri.umn.edu/wow>

For links to more websites of interest to science teachers and their students please visit our web page at:
<http://rps.uvi.edu/VIMAS/stxprog.htm>

Environmental Education DIRECTORY St. Croix – 2008



Virgin Islands Marine Advisory Service
University of Virgin Islands
Center for Marine & Environmental Studies
RR #1, Box 10,000 Kingshill
St. Croix, USVI 00850
(340) 692-4046
<http://rps.uvi.edu/VIMAS>

TOPICS/AGENCY	AES	CES	EEMP -CZM	DFW	NPS	NRCS	RC&D	SEA	SGVBG	TNC	USFWS	VIDOA	VIEO	VIMAS	VINE	VIWMA	WHIM
Agriculture	p	*psf				*psfv	*svpf					*fp	pf		c		
Algae														*sf	c		
Aquaculture	p														c		
Birds		fsp		s	f		*svp	pfv			*sfa			p			
Boating				p										p			
Botany		*fp				*sf			*sf			*fp					
Careers		*psv	*pc	*	*v	*ps	*sp						*	*vp	*cp	p	f
Coastal Zone Management		*ps	*svfpc					*p		p		*p		*fp	*		
Composting	p	*psv					*svp	*pvac					pv		*sv	pcf	
Conservation Planning			*sva		*	*ps				p					*svafc		
Coral Reefs		*pfv	*svapc	*psvc	*fvs			*pva		*afvcp				*safp	*		
Drinking Water		p						p					p		*sva		
Ecology		*sf	*svapc		*pf		*svp	*pf		fp	*sfa	pc		*af	*sva		
Endangered Species		*pfs	*svapc	*psv	*fs		*svp	*pfvc	*f	*vps	*sfa			*			
Energy								p		f			*svfpc		*svac		
Erosion		*psf				*psfv	*svp					a		*vp		f	
Fish/Fisheries	p	p	*svapc	*psv	*s					*vsp				p	c		
Gardening	p	*psv						*sf	*sf			*fp			c	*f	
Geology					p	*									c		
Groundwater		p				*psv							p			f	
Hazardous Waste								pv					p			cs	
Historic Preservation					*pf				*f	fv					c		*pfac
History of St. Croix					*p				*pf						c		*psfac
Horticulture		*svfp							*sf			*fp				*f	
Hydrology		p				ps											
Litter		p						*pvac					pc	*vafp	*svacp	*sc	
Mangroves		*fs	*svaf	*pfsv				*pfvac		ca	*fa			*fv	*svacp		
Marine Debris				sp						ca	*fa			*vafp	*pc	scf	
Marine Mammals		p		sp				*pfvc									
Marine Science			P	*	*						*fa			*cf	*pc		
Natural Resource Management	p	*psvf	*pc	*p	*s	*psv	*svap			fp	*sfa			*fp	*pc		
Nonpoint Source Pollution		*psv	P			*psv	*svp			f				*svp	*pc	sc	
Pesticides	p	*psfv				*psv		pv									
Plants	p	*psfv		p		*p	*svp	*pvac	*svfp		*fa	*fp		f		f	
Pollution		*psvf						*pvac					p	*svfp	*pc	sc	
Recycling	p												*pc	a	*apc	sfpa	
Salt Ponds		vf	*svaf	*psv						f	*sfa			*pfv			
Seagrass		pf	*svaf	*ps	p					f	*fa			*pf			
Sedimentation		*psvf		p		*psvf	*svp							*p			
Septic Systems		p				*psvf				f				p			
Solar Energy								p		f			*svfpc				
Solid Waste								*pvac						*p		*apc	fpa
Sustainable Agriculture	p	*psvf				*psvf						*fp	fp		c		
Sustainable Development												*fp	*		pc		
V.I. Culture		*svf			*										c	*	*psfac
V.I. Natural History		*psf			*fs				*f						c		p
Waste Management		*p				*p	*svp	v					*p		*pc	fp	
Wastewater	p						*svp							*p	*pc	pfa	
Water Conservation	p	p				*ps		*va					*pc	*p	*pc		
Water Quality	p	*psa		*p		*psf	*psf	v					p	*pa	*pc		
Water Resources	p	*pfa				*psf	*psf							p	*pc		
Wetlands				pv		*p		*vfa			*fa			*fc	pc		
Wildlife		*psf			*ps		*svp	vp			*sfa			*p			

KEY: * Presentation s: Slide Show v: Video a: Activities/Games f: Field Trip p: Publications c: curricular materials