

Research Overview

July 2018

CATEGORY	SUBJECT	DC ISLANDS	ORGANIZATION(S): LEAD SCIENTIST(S)
Birds	Suitability study and reforestation of exclosures facilitating the Yellow-shouldered Amazon Parrots (<i>Amazona barbadensis</i>)	BON	Echo: Julianka Clarenda, Quirijn Coolen
Coral Reef ecosystems	Larval biology of corals and reef microbiology	CUR	Marhaverlab, Curacao: Kristen Marhaver CARMABI
Coral Reef ecosystems	Coral reproduction	CUR	CARMABI: Laurent Delvoye
Coral Reef ecosystems	Multispectral imaging of reef communities	CUR	Max Planck Institute for Marine Microbiology, Germany: Joost den Haan CARMABI
Coral Reef ecosystems	Environmental epigenetics	CUR	Florida International University, U.S.A.: Jose Eirin-Lopez CARMABI
Coral Reef ecosystems	Genetics of Caribbean Acroporids	CUR	Penn State University, U.S.A.: Iliana Baums CARMABI
Coral Restoration	Cryopreservation of Caribbean coral species	CUR	Marhaverlab, Curacao: Kristen Marhaver University of Hawaii, U.S.A: Mary Hagedorn CARMABI
Coral Restoration	3D Printing of reef restoration materials	CUR	University of Illinois: Haley Thoren CARMABI
Environmental Policies	Environmental Policies within the Kingdom of the Netherlands	SAB, SXM	Radboud University: Lianne Corpel (student)
Invasive species	Testing and comparing various lionfish traps to study their potential use in a directed lionfish fishery	SAB	Leiden University: Serena Rivero (student) WUR: Dolfi Debrot SCF (SBMU): Ayumi Kuramae Izioka 7Senses: Madelon van Eelderink & Evert-Jan van Hasselt
Invasive species	Research into mitigation measures for Sargassum Seaweed	SXM	NFSXM: Tadzio Bervoets Government of St. Maarten
Invasive species	Impacts of grazing and nutrients on the invasiveness of <i>Halophila stipulacea</i>	AUA	WUR: Marjolijn Christianen, Noel Diepens, Fee Smulders, Tatiana Becker (student)

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Plants	Testing effective ways to grow native plants	BON	Echo: Quirijn Coolen, Johan van Blerk
Plants	Germination of seeds of indigenous trees of Curaçao	CUR	CARMABI: John de Freitas
Reptiles	Human land use affects within-island diversity and distributions of lizards and snakes -post-hurricane perspectives (Part of NOW project: Caribbean island biogeography meets the anthropocene)	EUX	VU: Wendy Jesse
Sea turtles/ Seagrasses	Investigating Caribbean-wide effects of green turtle grazing on seagrass meadow carbon dynamics	BON	University of Florida, United States: Robert Johnson, Alan Bolten, and Karen Bjorndal Collaborating with: STINAPA: Sabine Engel, Olivier Kramer STCB: Mabel Nava WUR: Marjolijn Christianen, Fee Smulders
Sponges	Sponge ecology and energetics	CUR	Uva: Jasper de Goeij CARMABI
Other finished projects in 2018			
Birds	Bird ecology	CUR	Smithsonian Center for Conservation Genomics, U.S.A.: Sara Kaiser CARMABI
Fungi	Fungi Diversity in the Soil	EUX	Leiden University: Janna Horjus
Sea urchins	Ecology of Diadema	CUR	NIOZ: Andy de Haas CARMABI
Sea cucumbers	Ecology of sea cucumbers	CUR	Central Connecticut State University, U.S.A.: Jeremiah Jarrett CARMABI
Tropical forest	Species Traits, Richness, and vegetation Structure in Tropical Forests	EUX	Oxford University/ Naturalis: Jesus Aguirre Gutiérrez