

Research Overview

February & March 2018

CATEGORY	SUBJECT	ISLANDS	ORGANIZATION(S): LEAD SCIENTIST
Algae	Ecology of Loborphora species	CUR	Gent University, Belgium: Christian Stolpe CARMABI
Birds	Diet of tropic birds	EUX	WUR: Mardik Leopold, Janette Bos
Birds	Suitability study and reforestation of exclosures facilitating the Yellow-shouldered Amazon Parrots (<i>Amazona barbadensis</i>)	BON	Echo: Lauren Schmaltz, Quirijn Coolen
Coral Reef ecosystems	Measuring sedimentation rate on coral reefs	EUX	STENAPA: Erik Houtepen University of South Florida: Chantale Bégin
Coral Reef ecosystems	Larval biology of corals and reef microbiology	CUR	Marhaverlab, Curacao: Kristen Marhaver CARMABI
Coral restoration	Investigating potential differences in fitness of <i>Acropora cervicornis</i> on CRF Bonaire coral restoration sites	BON	CRFB: Francesca Viridis WUR: Erik Meesters VHL: Jorien Rippen Students: Valeria Pesch, Jan Koschorrek
Cyanobacteria	Cyanobacteria on reefs	CUR	UvA: Petra Visser CARMABI
Environmental damage	Environmental Damage after Hurricanes Irma and Maria	SAB EUX SXM	SCF: Kai Wulf STENAPA: Clarisse Buma NFSXM: Tadzio Bervoets
Fish	Red Hind population on the Saba Bank	SAB	SCF (SBMU): Ayumi Kuramae Izioka WUR: Dolfi Debrot HAS: Yosha Bakkers (student)
Foraminifera	Foraminifera ecology	CUR	NIOZ: Inge van Dijk CARMABI
Hydrogeology	Hydrogeology	CUR	WUR: Victor Bense CARMABI

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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
Invertebrates	Invertebrate taxonomy	CUR	Naturalis: Werner de Gier CARMABI
Mangrove ecosystems	Pilot-scale testing and evaluation of mangrove ecosystem intervention options (sediment production by calcifying algae (esp. Halimeda opuntia and incrassata)) *Part of Nature Funding Project: Ecological restoration Lac Bay and South coast, Bonaire	BON	WUR: Dolfi Debrot, Douwe Boerstra (student) STINAPA: Sabine Engel
Multidisciplinary scientific expedition	National Initiative Changing Oceans (NICO) expedition (NWO-Science & NIOZ) The multidisciplinary scientific expedition aimed at providing the Netherlands with a better understanding of changing seas and oceans, crucial for climate stability and sustainable economic activities.	All	See article on page 7
Plants	Testing effective ways to grow native plants	BON	Echo: Quirijn Coolen, Johan van Blerk
Plants	Factors influencing growth analysis of planted native trees in herbivore free exclusion areas.	BON	Echo: Quirijn Coolen, Lauren Schmaltz WUR: Pieter Zuidema VHL: Anko Stilma WUR: Nils Buisman (student) VHL: Bram Dicou (student)
Plants	Germination of seeds of indigenous trees of Curaçao	CUR	CARMABI: John de Freitas
Reptiles	A population assessment of the Red-bellied racer snake in The Quill-Boven National Park	EUX	UU: Kevin Verdel CNSI: Hannah Madden
Reptiles	The impact of recreational SCUBA divers on the abundance of sea turtles (Part of STCB's new in-water surveys)	BON	VHL: Mavelly Velandia (student) STCB: Mabel Nava Wildconscience: Fernando Simal, Frank F. Rivera-Milan

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Seagrass	Microbial ecology of sea grasses	CUR	University of the Algarve, Portugal: Aschwin Engelen UvA: Gerard Muijzer CARMABI
Seagrass	Local and regional drivers of fish assemblages associated to seagrass meadows in the Caribbean following varying levels of protection	BON	Swansea University: Alex Bartlett
Sponges	Sponge community ecology	CUR	NIOZ and WUR: Didier de Bakker CARMABI
Sponges	Sponge ecology	CUR	NIOZ: Lucas Trichy CARMABI
Sponges	Sponge ecology and energetics	CUR	Uva: Jasper de Goeij CARMABI
Finished Projects			
Coral Reefs	Ecology of mesophotic reefs	CUR	University of New Hampshire, U.S.A.: Michael Lesser University of Mississippi, U.S.A.: Mark Slattery CARMABI
Coral Restoration	Coral restoration	CUR	SECORE: Margaret Miller CARMABI
Insects	Entomology	CUR	Cornell University, U.S.A.: Jason Dombroskie CARMABI
Microbes	Microbial ecology	CUR	NIOZ: Judith van Bleijswijk CARMABI
Shrimps	Ecology of snapping shrimps	CUR	Seattle University, U.S.A.: Kristen Hultgren CARMABI