

Research Overview

September / October 2017

CATEGORY	SUBJECT	ISLANDS	ORGANIZATION(S): LEAD SCIENTIST
Birds	Suitability study and reforestation of exclosures facilitating the Yellow-shouldered Amazon Parrots (<i>Amazona barbadensis</i>) on Bonaire	BON	Echo: Lauren Schmaltz, Quirijn Coolen
Birds	Impact of predators and poachers on fledging success of the Yellow-shouldered Amazon parrots	BON	Echo: Lauren Schmaltz, Quirijn Coolen University of Bangor: Adam Curry (student) and Zak Maynard (student)
Coral Reef ecosystems	Surveys (based on AGRRA and GCRMN) for the assessment of fish and benthos communities including corals, algae, sponges to 20 m depth	BON	WUR: Erik Meesters Student: Roger Meijs, Sil Piek, Sarah Veillat, Yun Scholten
Coral Reef ecosystems	Coral-associated fauna of Curaçao	CUR	Naturalis: Bert Hoeksema Leiden University CARMABI
Coral Reef ecosystems	Distribution and impact of the invasive reef coral <i>Tubastraea coccinea</i> on the coral reefs of Curaçao	CUR	Naturalis: Bert Hoeksema Leiden University: Auke-Florian Hiemstra (student) CARMABI
Coral reef ecosystems	Distribution and impact of the aggressive ascidian <i>Trididemnum solidum</i> on the coral reefs of Curaçao	CUR	Naturalis: Bert Hoeksema Leiden University: Gabriël Olthof (student) CARMABI
Coral reef restoration	3D reconstruction as a monitoring strategy for coral reef restoration of <i>Acropora palmata</i> on Bonaire	BON	University of Oxford: Julia Huisman School of Geography and the Environment CRFB
Economics of ecosystems	The Economics of Ecosystems and Biodiversity (TEEB) on Aruba	AUA	Wolfs Company: Esther Wolfs, Boris van Zanten VU: Pieter van Beukering YABI consultancy: Francielle Laclé
Environmental damage	Environmental Damage after Hurricane Irma and Maria	SAB EUX SXM	SCF: Kai Wulf STENAPA: Clarisse Buma NFSXM: Tazio Bervoets
Erosion	Erosion around Kralendijk *Part of Nature Funding Project: Erosion control and nature restoration	BON	DRO VU: Nick Roos (student)

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Erosion	Assuring the adoption of soil conservation measures: The case of a small island	SAB	WUR: Jesse Opdam (student), Michel Riksen, Aad Kessler SCF, Agriculture Department of Public Entity Saba
Fish	Baited Remote Underwater Video (BRUV) to study sharks	BON	WUR: Erwin Winter, Dolfi Debrot, Martin de Graaf, Twan Stoffers STINAPA HAS: Mavelly Velandia (student) WUR: Sander Delacauw (student)
Fish	Distribution of local and regional surgeonfish disease using a novel technique - Google Images.	BON	CIEE: Rita Peachey, Franziska Elmer, Madeline Roth, Lucia Rodriguez, Sasha Giammetti, Megan Hoag
Fish	Identification of the parasite and hosts of the turbellarian infecting reef fish species in Bonaire	BON	University of North Texas: Zac Kohl (PhD Candidate) CIEE: Franziska Elmer; Rita Peachey; Lisa Kram; Ashley Novak; Andrew Paton
Fishery	Mas Piska pa Boneiru	BON	KITLV, Leiden University: Stacey Mac Donald (PhD student) (Funded by WWF - Netherlands & KITLV / Royal Netherlands Institute of Southeast Asian and Caribbean Studies)
Invasive species	Research into mitigation measures for Sargassum Seaweed	SXM	NFSXM: Tadzio Bervoets Government of St. Maarten
Invasive species	Environmental DNA (eDNA) of lionfish in Lac Bay: A tool for detecting the invasive species in complex habitats (mangroves)	BON	CIEE: Rita Peachey Indiana University: Stephen Glaholt
Mangrove ecosystems	Pilot-scale testing and evaluation of mangrove ecosystem intervention options (fish fauna, epibionts on mangrove prop roots) *Part of Nature Funding Project: Ecological restoration Lac Bay and South coast, Bonaire	BON	WUR: Dolfi Debrot, Douwe Boerstra (student), Laura Timmerman (student) STINAPA: Sabine Engel

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Nature Policy Planning	Developing a nature policy plan for Bonaire	BON	Wolfs Company: Boris van Zanten, Esther Wolfs, Sacha van Duren DRO
Plants	Exclusion of invasive herbivores: A comparison study of vegetation at Roi Sango.	BON	Echo: Quirijn Coolen WUR: Pieter Zuidema, Jessie Foest (student)
Plants	Germination of seeds of indigenous trees of Curaçao	CUR	CARMABI: John de Freitas
Plants	Testing effective ways to grow native plants	BON	Echo: Quirijn Coolen, Johan van Blerk
Seagrass ecosystems	The effects of the rapidly spreading invasive seagrass <i>Halophila stipulacea</i> on the growth of juvenile Queen Conch (<i>Lobatus gigas</i>)	EUX, SXM	WUR: Erik Boman (PhD student) CNSI: Johan Stapel Ecological Professionals Foundation: Hannah Madden NFSXM: Tadzio Bervoets *Funded by NuStar



Photo by: © STINAPA Bonaire, taken in Bonaire.