

# Monitoring Overview

July 2018

CATEGORY	SUBJECT	DC ISLANDS	ORGANIZATION(S): LEAD SCIENTIST(S)
Birds	Flamingo Abundance	BON	<b>DRO:</b> Frank van Slobbe <b>Cargill</b> <b>STINAPA:</b> Paulo Bertuol
Birds	Monitoring vulnerable parrot nests (remote camera sensing work)	BON	<b>Echo:</b> Julianka Clarenda, Sam Williams
Birds	Yellow-shouldered Amazon parrot roost counts	BON	<b>Echo:</b> Julianka Clarenda <b>DRO:</b> Peter Montanus <b>STINAPA:</b> Paulo Bertuol
Birds	Bird Monitoring (Caribbean Waterbird Census)	BON SXM	<b>STINAPA:</b> Paulo Bertuol <b>EPIC:</b> Adam Brown
Birds	Tern monitoring (artificial nesting islands)	BON	<b>STINAPA:</b> Paulo Bertuol <b>Cargill</b> <b>DRO</b> <b>WUR:</b> Dolfi Debrot
Birds	Terrestrial Bird and Habitat Monitoring	BON CUR SAB SXM EUX	<b>Echo:</b> Julianka Clarenda <b>STINAPA:</b> Paulo Bertuol, Caren Eckrich <b>STENAPA</b> <b>Curassavica:</b> Michelle da Costa Gomes <b>Nature Foundation:</b> Binkie van Es
Birds	Red-billed Tropicbird monitoring	SAB EUX	<b>STENAPA</b> <b>SCF:</b> Kai Wulf
Birds	Pelican monitoring	SXM	<b>NFSXM:</b> Melanie Meijer zu Schlochtern

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Coral reef ecosystems	Global Coral Reef Monitoring Network	BON CUR SAB EUX SXM	<b>STINAPA:</b> Caren Eckrich <b>CARMABI:</b> Mark Vermeij <b>SCF (SBMU):</b> Ayumi Kuramae Izioka <b>STENAPA:</b> Jessica Berkel <b>NFSXM:</b> Tadzio Bervoets <b>CNSI:</b> Johan Stapel, Kimani Kitson-Walters
Coral reef ecosystems	Monitoring and research of the longest coral reef time-series in the world (since 1973) (Part of BO-11-019.02-022 –Inventory corals)	BON CUR	<b>WUR:</b> Erik Meesters, Didier de Bakker (PhD student) <b>NIOZ:</b> Fleur van Duyl, Rolf Bak
Environmental	Water quality testing	SXM	<b>NFSXM:</b> Tadzio Bervoets <b>EPIC:</b> Natalia Collier
Environmental	Nutrient (phosphate, ammonium, nitrate and nitrite) monitoring of St Eustatius' coastal waters	EUX	<b>CNSI:</b> Johan Stapel
Fish	Shark monitoring: - Shark sightings - Shark Abundance, distribution and movements (tagging, acoustic telemetry)	AUA BON CUR SAB SXM EUX	<b>WUR:</b> Erwin Winter, Dolfi Debrot, Martin de Graaf <b>FPNA:</b> Giancarlo Nunes <b>STINAPA:</b> Caren Eckrich <b>CARMABI:</b> Mark Vermeij <b>SCF(SBMU):</b> Ayumi Kuramae Izioka, Guido Leurs <b>STENAPA:</b> Jessica Berkel <b>NFSXM:</b> Tadzio Bervoets
Fish	Spawning monitoring: Red hind surveys on Moonfish Bank	SAB	<b>SCF (SBMU):</b> Ayumi Kuramae Izioka
Fish	Fish and fishery monitoring (Barracuda's, sharks and eagle rays, tarpons, marine mammals, (fishing) boats, fisherman)	BON	<b>STCB:</b> Mabel Nava
Insects	Bee tracking	BON	<b>Echo:</b> Julianka Clarenda
Invasive species	Goat and/or donkey removal: - Washington Slagbaai National Park - Lac Bay area (exclusion plots) - Quill National Park (exclusion plots)	BON EUX	<b>STINAPA:</b> Paulo Bertuol <b>WUR:</b> Dolfi Debrot <b>DRO:</b> Frank van Slobbe <b>STENAPA</b>

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Invasive species	Lionfish abundance and control	BON CUR SXM SAB EUX	<b>STINAPA:</b> Paulo Bertuol (50 meter traps) <b>CARMABI:</b> Mark Vermeij <b>NFSXM:</b> Tadzio Bervoets <b>SCF (SBMU):</b> Ayumi Kuramae Izioka <b>STENAPA:</b> Jessica Berkel
Invasive species	Monkey Monitoring: abundance and distribution	SXM	<b>NFSXM:</b> Tadzio Bervoets
Invasive species	Feral pig population assessment (trapping)	BON	<b>Echo</b>
Mammals	Bat monitoring	AUA BON	<b>FPNA</b> <b>WildConscience:</b> Fernando Simal, Linda Garcia
Mammals	Dolphin monitoring (since 1999)	BON	Ron Sewell
Mammals	Marine Mammal Monitoring (noise loggers Saba Bank)	SAB	<b>WUR:</b> Dick de Haan, Dolfi Debrot <b>SCF (SBMU):</b> Ayumi Kuramae Izioka
Molluscs	Conch ( <i>Strombus gigas</i> ) on St. Eustatius, Saba Bank, Anguilla	SAB EUX	<b>WUR:</b> Martin de Graaf, Erik Boman (PhD student) <b>SCF (SBMU):</b> Ayumi Kuramae Izioka
Plants	Monitoring of tree growth and survivorship in reforestation areas	BON	<b>Echo:</b> Quirijn Coolen
Reptiles	Lesser Antillean Iguana: Monitoring population density & removing invasive Green Iguana and hybrids	EUX	<b>STENAPA:</b> Clarisse Buma <b>RAVON:</b> Tim van Wagenveld
Reptiles	Boa and Cascabel Monitoring	AUA	<b>FPNA</b> <b>Toledo Zoological Society:</b> Andrew Odum



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Reptiles	Red-bellied racer snake monitoring	EUX	<b>CNSI:</b> Kimani Kitson-Walters
Reptiles	Behavior of the endemic Aruban Whiptail lizard	AUA	<b>FPNA</b> <b>Auburn University:</b> Jeff Goessling
Seagrass and mangrove ecosystems	Seagrass and mangrove monitoring (BON: also conch and benthic fauna)	BON EUX SXM	<b>STINAPA:</b> Sabine Engel, Caren Eckrich <b>WUR:</b> Klaas Metselaar <b>NFSXM:</b> Tadzio Bervoets <b>CNSI:</b> Kimani Kitson-Walters
Reptiles	Sea turtle monitoring: -Satellite tracking -Nest monitoring -In water surveys (BON, CUR, SXM) -Fibropapillomatosis presence (BON)	AUA, BON, CUR, SAB, EUX, SXM	<b>TurtugAruba Foundation</b> <b>STCB:</b> Mabel Nava <b>CARMABI (STCC):</b> Sabine Berendse <b>STENAPA:</b> Jessica Berkel <b>SCF:</b> Kai Wulf <b>NFSXM:</b> Tadzio Bervoets