

# Long Term Projects

CATEGORY	SUBJECT	ISLANDS	ORGANIZATION(S): LEAD SCIENTIST
Coral Reef Ecosystems	Deep Reef Observation Project (DROP) (ARMS: Autonomous Reef Monitoring Structures)	CUR	<b>Smithsonian:</b> Carole Baldwin
Coral Reef Ecosystems	Postsettlement dynamics of Caribbean corals & Reef restoration	CUR	<b>UvA:</b> Valerie Chamberland (PhD candidate) <b>CARMABI</b> <b>SCORE International</b>
Coral Reef Ecosystems	Bioerosion of reefs by coral-excavating sponges	BON,CUR, SAB, EUX	<b>NIOZ:</b> Fleur van Duyl <b>WUR:</b> Erik Meesters, Didier de Bakker (PhD student)
Coral Reef Ecosystems	Development of restoration methods for threatened Caribbean coral species	BON, CUR, SAB	<b>CRF Bonaire:</b> Augusto Montbrun, Francesca Virdis <b>SCORE Project</b> <b>CARMABI:</b> Mark Vermeij <b>UvA:</b> Valerie Chamberland (PhD candidate) <b>SCF, Sea Saba, Samford University:</b> Jennifer Rahn
Coral Reef Ecosystems	Developing a plan to manage the waters around Curaçao sustainably, profitably, and enjoyably for this and future generations: - including mesophotic reef dropcam project	CUR	<b>Waite Institute (Blue Halo Curaçao):</b> Kathryn Mengerink
Database	Dutch Caribbean Species Catalog: Taxonomic knowledge system Dutch Caribbean ( <a href="http://www.dutchcaribbeanspecies.org/">http://www.dutchcaribbeanspecies.org/</a> )	All	<b>Naturalis:</b> Sander Pieterse & Berry van der Hoorn
Environmental	Effects of dispersants on the fate of oil in realistic conditions (C-IMAGE consortium, TripleP@Sea Program)	EUX	<b>WUR:</b> Tinka Murk, Marieke Zeinstra-Helfrich (PhD student) <b>CNSI</b>
Environmental	Ecotoxicological aspects of rational application of chemicals in response to oil spills to reduce environmental damage Development of an area specific net environmental and economic benefit analysis (NEEBA) to support oil spill mitigation decisions; with St. Eustatius as example	EUX	<b>WUR:</b> Tinka Murk, Sophie Vonk (PhD student) Lei Wageningen UR: Stijn Reinhard <b>CNSI</b>
Interstitial biodiversity	Molecular biodiversity analysis of marine communities by metabarcoding	EUX	<b>Naturalis:</b> Arjen speksnijder <b>ANEMOON:</b> Niels Schrieken
Invasive species	Combatting the economic and ecological impacts of overgrazing on inhabited islands	BON	<b>UsA:</b> Michaela Roberts (PhD student)

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Marine ecosystems	Taxonomy and biodiversity in Lac Bay	BON	<b>STINAPA</b> Sabine Engel, Caren Eckrich <b>Ecosub:</b> Godfried van Moorsel <b>CEAB:</b> Daniel Martin
Marine ecosystems	Marine species discoveries in the Dutch Caribbean	All	<b>Naturalis:</b> Bert Hoeksema <b>CNSI</b> <b>CARMABI</b>
Molluscs	Population dynamics and role in the food chain of the Queen Conch <i>Lobatus gigas</i> in the Dutch Caribbean Territories	EUX, SAB	<b>WUR:</b> Aad Smaal, Leo Nagelkerke, Martin de Graaf Erik Boman (PhD student) <b>SCF (SBMU):</b> Jens Odinga <b>CNSI</b>
Public Health	DNA waterscan: Monitoring disease vectors in the Caribbean (mosquitoes and midges)	EUX	<b>Naturalis:</b> Kevin Beentjes <b>ECPHF:</b> Teresa Leslie
Sustainability	Sustainable development Dutch Caribbean (TripleP@Sea Program) - Are human activities a risk for ecosystem services? - Green Statia or how to regain balance between nature and agriculture?	EUX	<b>WUR:</b> Diana Slijkerman <b>WUR (Alterra):</b> Rene Henkens <b>CNSI</b>
Terrestrial biodiversity	Baseline assessments and DNA barcoding of biodiversity of St. Eustatius	EUX	<b>Naturalis:</b> Michael Stech, Berry van der Hoorn, Jeremy Miller <b>STENAPA, CNSI</b>
NWO Projects in the Dutch Caribbean			
Bioproducts	Stand-alone production of algal products for food, feed, chemicals and fuels	BON	<b>WUR:</b> R.H. Wijffels <b>CIEE:</b> Rita Peachey
Coral Reef Ecosystems	Caribbean coral reef ecosystems: interactions of anthropogenic ocean acidification and eutrophication with bioerosion by coral excavating sponges - Bioerosion and climate change	BON, SAB, EUX	<b>NIOZ:</b> Fleur van Duyl, Steven van Heuzen (PostDoc), Alice Webb (PhD student) <b>STENAPA</b> <b>CNSI</b>

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Coral restoration	Artificial Reefs On Saba and Statia (AROSSTA)	SAB EUX	<b>VHL:</b> Alwin Hylkema, Marlous Heemstra <b>WUR:</b> Dolfi Debrot <b>STENAPA:</b> Jessica Berkel, Erik Houtepen <b>SCF:</b> Kai Wulf, Jens Odinga, Aymi Izioka <b>CNSI:</b> Johan Stapel <b>Students:</b> Callum Reid, Esmee vd Griend, Daniel Heesink
Environmental	Caribbean island biogeography meets the anthropocene	AUA, BON, CUR, EUX, SXM	<b>VU:</b> Jacintha Ellers, Matt Helmus, Wendy Jesse (PhD. Student), Jocelyn Behm (Postdoc) <b>CNSI</b>
Environmental psychology	Confronting Caribbean Challenges: Hybrid Identities and Governance in Small-scale Island Jurisdictions - Behavioral differences between/within the BES islands when it comes to nature conservation and cultural heritage.	BON, SAB, EUX	<b>KITLV, Leiden University:</b> Gert Oostindie (Project director) <b>KITLV, Leiden University:</b> Stacey Mac Donald (PhD student)
Geosciences	Stability of Caribbean coastal ecosystems under future extreme sea level changes (SCENES) - The effects of climate change on calcifying algae	BON, EUX, SXM	<b>UU:</b> Henk Dijkstra, <b>NIOZ:</b> Peter Herman, Rebecca James (PhD student) <b>TU Delft:</b> Julie Pietrzak <b>STENAPA</b> <b>CNSI</b>
Geomorphological	4D crust-mantle modelling of the eastern Caribbean region: toward coupling deep driving processes to surface evolution - Reconstructing past climate change	EUX	<b>UU:</b> Wim Spakman <b>NIOZ:</b> Lennart de Nooijer <b>Alfred Wegener Institute Germany</b> <b>CNSI</b>
Invasive species	Exotic plant species in the Caribbean: foreign foes or alien allies? (1) Socio-economic impacts of invasive plant species (2) Ecological impacts of invasive plant species-Utrecht University	BON, SAB, EUX	<b>(1) UU:</b> Jetske Vaas (PhD student), Peter Driessen, Frank van Laerhoven and Mendel Giezen <b>(2) UU:</b> Elizabeth Haber (PhD student), Martin Wassen, Max Rietkerk, Maarten Eppinga. <b>CNSI</b>

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Reptiles	Ecology and conservation of green and hawksbill turtles in the Dutch Caribbean	AUA, BON, CUR, SAB, EUX, SXM	<b>RuG:</b> Per Palsbøll, Jurjan van der Zee (PhD student) <b>RU:</b> Marjolijn Christianen, <b>WUR:</b> Lisa Becking <b>STCB:</b> Mabel Nava <b>CARMABI</b> <b>STENAPA</b> <b>CNSI</b>
Tourism and sustainable development	Vulnerability is dynamic: Enhancing adaptive governance to climate change for Caribbean tourism through interactive modelling	CUR	<b>WUR:</b> Jillian Student, Machiel Lamers <b>UOC:</b> Filomeno A. Marchena
BO-projects in the Dutch Caribbean (Min EZ)			
Coral Reef Ecosystems	BO-11-019.02-038– Analysis photomaterial coral reefs	BON, CUR	<b>WUR:</b> Erik Meesters
Coral Reef Ecosystems	BO-11-019.02-022 –Inventory corals Includes monitoring and research of the longest coral reef time-series in the world (since 1973)	BON, CUR	<b>WUR:</b> Erik Meesters
Conservation	BO-11-019.02-060 – Status of nature conservation of the Caribbean Netherlands (for new nature policy plan)	BON, SAB, EUX	<b>WUR:</b> Dolfi Debrot, Rene Henkens, Peter Verweij <b>EZ:</b> Paul Hoetjes, Yoeri de Vries (eds.)
DCBD	BO-11-019.02-002 - Expansion knowledge system Dutch Caribbean	AUA, BON, CUR, SAB, EUX, SXM	<b>WUR (Alterra):</b> Peter Verweij
Fisheries	BO-11-019.02-055 – Fisheries Dutch Caribbean	SAB, EUX	<b>WUR:</b> Dolfi Debrot Thomas Brunel, Martin de Graaf <b>SCF (SBMU):</b> Jens Odinga, Ayumi Izioka <b>NIOZ:</b> Kimani Kitson-Walters Students: Fedor den Elzen, Ivo Damen
Marine biodiversity	BO-11-019.02-008 – Saba Bank – Marine biodiversity	SAB	<b>WUR:</b> Erik Meesters (benthic communities), Dolfi Debrot, Thomas Brunel, Leo Nagelkerke (fish stocks)

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Marine mammals & sharks	BO-11-019.02-054 – Marine mammal sanctuary	SAB, EUX	<b>WUR:</b> Dolfi Debrot, Dick de Haan, Meike Scheidat, Ayumi Izioka <b>SCF (SBMU):</b> Jens Odinga
Marine mammals	BO-11-019.02-005 – Marine mammals in the Dutch Caribbean	BON, SAB, EUX	<b>WUR:</b> Dolfi Debrot
World Heritage nomination	BO-11-019.02-050 – World Heritage nomination Bonaire National Marine Park	BON	<b>WUR:</b> Dolfi Debrot <b>Wolfs Co.:</b> Esther Wolfs <b>UNESCO:</b> Josephine Langley <b>DRO:</b> Frank v Slobbe <b>CARMABI:</b> Mark Vermeij, John de Freitas <b>Curacao Footprint Foundation:</b> Leon Pors
"Nature Funding" Projects in the Dutch Caribbean (Min EZ)			
Coastal ecosystems (Lac Bay: Mangroves and seagrass beds)	Ecological restoration Lac Bay and South coast, Bonaire	BON	<b>STINAPA:</b> Sabine Engel <b>WUR:</b> Klaas Metselaar <b>STCB:</b> Mabel Nava <b>DRO:</b> Frank van Slobbe
Sustainable Agriculture	The sustainable agriculture and rural development program (POP Bonaire)	BON	<b>Bonaire Agri &amp; Aqua Business BV:</b> Sherwin Pourier <b>Wayaká Advies BV:</b> Jan Jaap van Almenkerk <b>DRO:</b> Frank van Slobbe
Invasive species	Feral Pig Control	BON	<b>Echo:</b> Julianka Clarenda <b>DRO:</b> Frank van Slobbe
Reforestation	Reforestation Project	BON	<b>Echo:</b> Lauren Schmaltz, Quirijn Coolen <b>DRO:</b> Frank van Slobbe
Invasive species	Goat eradication and control in Washington Slagbaai National Park	BON	<b>STINAPA</b> <b>DRO:</b> Frank van Slobbe

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Coral ecosystems	Coral Restoration	BON	<b>CRF Bonaire:</b> Augusto Montbrun <b>DRO:</b> Frank van Slobbe
World Heritage nomination	World Heritage Nomination Bonaire Marine Park and/or other interconnected sites	BON	<b>Wolfs Company:</b> Esther Wolfs, Boris van Zanten, Amilcar Guzman, Viviana Lujan <b>DRO:</b> Frank van Slobbe
Terrestrial ecosystems	Erosion control and nature restoration	BON	<b>Bonaire Agri &amp; Aqua Business BV:</b> Sherwin Pourier <b>Wayaká Advies BV:</b> Jan Jaap van Almenkerk <b>DRO:</b> Frank van Slobbe
Terrestrial ecosystems	Cave and karst nature reserve	BON	<b>DRO:</b> Frank van Slobbe <b>CARIBSS:</b> Fernando Simal
Nature communication	Campaign environment and nature on Bonaire	BON	<b>DRO:</b> Frank van Slobbe, Peter Montanus
Agriculture	Horticultural Project	SAB	<b>Government of Saba:</b> Randall Johnson
Recreation	Hiking trails	SAB	<b>Government of Saba:</b> Robert Zagers
Pollution	Tent Reef Protection	SAB	<b>Government of Saba:</b> Robert Zagers
Invasive species	Goat buy-back program	SAB	<b>Government of Saba:</b> Randall Johnson
	Yacht mooring project	SAB	<b>Government of Saba</b> <b>SCF:</b> Kai Wulf
	Saba national park	SAB	<b>Government of Saba</b> <b>SCF:</b> Kai Wulf <b>SABARC:</b> Ryan Espersen
	Crispeen trail project	SAB	<b>Government of Saba:</b> Robert Zagers <b>SCF:</b> Kai Wulf

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Community outreach	Nature Awareness project	EUX	<b>Government of St Eustatius</b> <b>STENAPA:</b> Clarisse Buma <b>CNSI:</b> Johan Stapel, Hannah Madden
Nature management	Strengthening management of nature	EUX	<b>Government of St Eustatius</b> <b>STENAPA:</b> Clarisse Buma
Invasive species	Rodent assessment and control	EUX	<b>Government of St Eustatius</b> <b>CNSI:</b> Johan Stapel, Hannah Madden <b>ECPHF:</b> Teresa Leslie
Coral ecosystems	Coral restoration	EUX	<b>Government of St Eustatius</b> <b>STENAPA:</b> Jessica Berkel, <b>CNSI:</b> Johan Stapel
Erosion	Erosion control	EUX	<b>Government of St Eustatius</b> , <b>CNSI:</b> Johan Stapel
EU-BEST funded Projects in the Dutch Caribbean			
Marine ecosystems	Marine Park Aruba	AUA	<b>Directie Natuur en Milieu:</b> Gisbert Boekhoudt <b>TNO:</b> Kris Kats
Coral Reef Ecosystems	Restoration Ecosystem Services and Coral Reef Quality (Project RESCO)	SAB, EUX, SXM	<b>WUR:</b> Erik Meesters <b>SCF. STENAPA, NFSXM</b> <b>Turks &amp; Caicos Reef Fund</b> <b>Students:</b> Niels Wagenaar, Silvan Allard, Pam Engelberts, Roxanne Francisca, Lotte Staat, Carmen Carpendale, Daniela Simal, Emma Louise Pratt, Renate Olie, Amber Mulder
Conservation	Watershed & Biodiversity Conservation of Roi Sangu valley	BON	<b>Echo:</b> Lauren Schmaltz, Quirijn Coolen
Terrestrial habitat restoration	Restoration of Key Biodiversity Areas of St. Maarten	SXM	<b>EPIC (Project lead):</b> Kippy Gilders <b>Subcontractors:</b> <b>Les Fruits des Mer:</b> Mark Yokoyama (reptile, amphibian, and invertebrate assessment) <b>The Leon Levy Native Plant Preserve, Bahamas:</b> Ethan Freid (plant assessment)