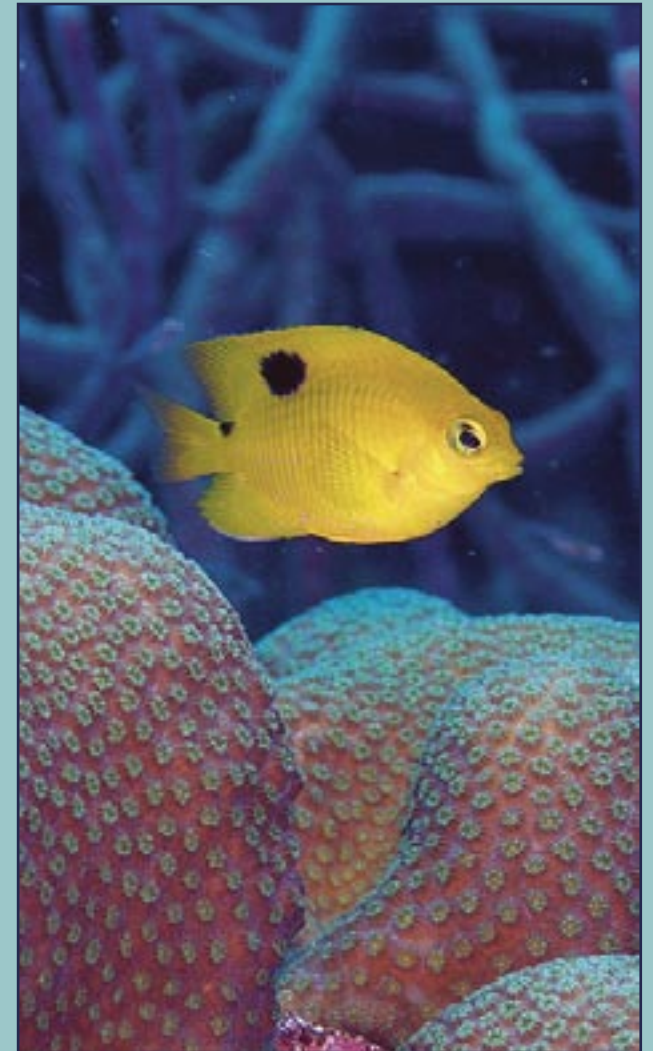


## ANNUAL REPORT 2007





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## EXECUTIVE SUMMARY

STINAPA Bonaire is the organization responsible for the management of the Washington Slagbaai National Park (WSNP), Bonaire National Marine Park (BNMP), the island of Klein Bonaire, and the cave systems at Onima and Barcadera. STINAPA is dedicated to the conservation of Bonaire's natural and historical heritage through the sustainable use of its resources.

STINAPA Bonaire had great successes in implementing its goals of both preserving and promoting the WSNP and the BNMP. Protection of the ecology of these natural settings must be balanced in a cooperative way with the continuing economic development of Bonaire. STINAPA strives to accomplish this through scientific and rigorous management of natural resources as well as inviting Bonaire's citizens and visitors to enjoy, appreciate, and also share in the responsibility of being stewards of the environment. Success depends upon understanding the ecology of the Parks, preserving these ecosystems, and inviting the public to participate.

In 2007 STINAPA undertook research and data collection to better understand the status of both the marine and terrestrial ecosystems. In the BNMP this involved monitoring the coral reef ecosystem, fish population, nutrient status, water quality, aquatic vegetation, and invertebrates. In the WSNP, census of parrot and flamingo populations and an inventory of the flora were conducted. Efforts were made to preserve and restore resources, through plantings, through enforcement of the marine ordinance for poaching of protected species, and through establishing two zones of the marine park as Fish Protected Areas. STINAPA also played an important role in enforcing the legal regulations that protect Bonaire's resources by intervening when the local government permitted a construction project to proceed without a proper environmental impact assessment.

STINAPA engaged in significant efforts to involve the public in a communal effort to preserve the island's resources. This was achieved with younger citizens of



the island through educational and experiential programs offered to elementary and high school children. On a larger scale, campaigns to reach the public included media campaigns in the form of bumper stickers, advertisements, and press releases. Newspaper articles and interviews with different media sources were utilized to inform and interest the public in the Parks, both as recreational opportunities and as commodities to be preserved.

In a world with fewer and fewer natural areas, where many coral reef eco-systems are dead or at risk and where numerous land and water based species are endangered, STINAPA's mission, "the conservation of Bonaire's natural and historical heritage through the sustainable use of its resources", becomes even more critical to Bonaire's future.

### Highlights of 2007

Nature organizations won case against the government: The nature protection organization, Aliansa Naturalesa Bonaire, of which STINAPA and the parks are members, demanded that the Island government revoke its decision to lease and issue a building permit for construction of a resort in the Ramsar site LAC because no proper environmental assessment was done. This demand was also taken to the Governor of the Netherlands Antilles as supervisor of the Island governments. The Governor agreed to the demand and ordered the Island government to immediately stop construction and revoke the building permit. The government did not agree that they had done anything wrong and challenged the decision of the Governor at the administrative law section of the Council of State of the Netherlands, Raad van State. The Council of State ruled the same as the Governor and ordered additionally for the site to be cleared and left in its natural state.

Two Fish Protected Areas; No Take Marine Reserves, were established.

Finances for addition of the tertiary treatment and re-design of the sewage treatment plant were approved



by the Federal government and government of the Netherlands. A feasibility study was conducted to determine if the public and the tourists felt the need for a STINAPA visitor's center and where it should be located. The result was that there is a need and that the center should be located in or near downtown Kralendijk.

For the first time that we purchased a boat, trailer and motor with our generated funds. The boat will be used for law enforcement, monitoring, and maintenance.

Thanks to the improved financial position of STINAPA, for the first time since 1979 (when the plantation became a national park), we fixed the fence of Slagbaai completely. This achievement is the start of nature management and monitoring for this protected area.



### Overview of achievements

#### Human Resources

4 Assistant Rangers passed the STINAPA study guide courses and were promoted to STINAPA Ranger. 1 additional Assistant Ranger was hired for the WSNP. A Project Manager was hired on a one-year contract. One ranger of the BNMP resigned. Three part-time employees assisted the BNMP staff during the summer. The administrative department received assistance from one person for 2 months. One BNMP ranger swore in as police with special powers.



#### Trainings

Trainings in which the STINAPA staff participated during this reporting period were:

- "Tropical reef ecology" training
- Analysis of financial statements
- Program Management training
- Business Etiquette training
- Time management
- Self-defense
- Courses from the STINAPA study guide:

Open Water SCUBA diver, basic mechanics, tour guiding, public speaking, medic first aid, radio operator, computer skills, boat handling, and the self-study section of the guide



The staff of the WSNP were trained in data collection and exotic species removal.

### Equipment – Infrastructure

The following equipment was acquired: three new cars, one to be used by the manager of the WSNP, one to be used by the maintenance crew of the WSNP and the other car (lease car) to be used by the director. One used pick-up truck was sold.

A compressed air-driven U/W drill, and a new 21' boat including a 4 stroke 150HP motor. A fridge for the cantina of the WSNP, chairs and a scaffold were added to the inventory of the Kas Científico.

The reception of the headquarters was upgraded with new office furniture. The BNMP bought new lift bags, and lockers were built for the rangers.

Throughout the year all of the equipment which was regularly used received proper maintenance.

The infrastructure was maintained, these are the buildings, the roads, the fence and the signs in the WSNP. The marine park did routine maintenance on the mooring buoys, the boats, and overhauled the low pressure compressor to be used with the U/W drill. The headquarters at Barcadera was painted inside and out. In the workshop, lockers were built for the staff.

Through a grant received from KNAP Fonds (Kleine Natuur Projecten), wireless internet connection was installed at the Visitor Center of the WSNP.

### Nature Management:

#### Monitoring

Annual Lora (*Amazona barbandesis rothchildi*) count; The STINAPA employees counted the parrots in the WSNP.

Study of possible protocols for the monitoring programs in the terrestrial park.

Monitoring teams utilizing volunteers for data collection were set. These were:

- The Coral Reef Monitoring Team: 10 reefs were surveyed using AGRRA protocol
- The Fish Survey Team: Fish surveys happened throughout the year on a regular basis. A new protocol was calibrated in order to estimate fish biomass in



### the Fish Protected Areas

- Nutrient Monitoring program: In collaboration with the island government department of nature protection, the federal government department of nature protection, and students from the Council on International Educational Exchange (CIEE), two rounds of nutrient monitoring were done in this reporting period
- Water Quality Monitoring Team: The Light and Motion Sensor Program (LMSP) received \$13,000 in donations for equipment and accessories to run the program. In addition to downloading the data from the sensors weekly, the volunteers must keep the sensors free from sedimentation and algae growth
- Lac Survey: Throughout this reporting year, 30,000 square meters of the bay of Lac were surveyed; turtle-grass cover, macro-algae, other types of algae, invertebrates, and Queen Conch were monitored
- Dr. Robert Steneck and Suzanne Arnold from University of Maine, USA and Dr. Peter Mumby from University of Exeter, UK have been monitoring the coral reef ecosystem of Bonaire since 2003. The Marine Park manager asked the scientists from University of Maine for advice on reef monitoring

### Research

For research work we utilized graduate students or contracted scientists and they came to do research out of their own interest:

- Scientists from CARMABI, research institution from Curaçao, were contracted to conduct a biological inventory of the flora of the WSNP
- Joost den Haan, a grad student from University of Wageningen, Netherlands studied the interrelationships between coral cover, macro algae cover and herbivores
- Dr. Robert Steneck and Suzanne Arnold from University of Maine, USA and Dr. Peter Mumby from University of Exeter, UK did an experiment on fish grazing and coral recruitment

### Habitat improvement

- 121 endemic plants were planted on Klein Bonaire
- 150 endemic plants were planted in the WSNP

Fish protected area's....why? Some of the fish we used to catch....





### Law Enforcement- policy – legal issues

- The island government was directed to stop construction and revoke building permits given to a developer in the vicinity of Sorobon at Lac. Lac is an area that falls under the regulations as stipulated by the Ramsar Convention. The developer did not do an environment impact assessment
- On December 21, 2007 the government legally declared two zones as Fish Protected Areas (No Take Marine Reserves)
- 18 citations were written for violations of articles of the marine ordinance, 13 of those were for poaching of conch (*Strombus gigas*) in Lac

### Education - information – outreach – PR

We reached 1541 elementary school children and 152 high school children with our educational programs. Some participated in more than one activity that we provided in this reporting period. The participation was:

- 782 children in our outdoor activities
- 20 teenagers in our 'Junior Ranger'
- 84 teenagers in our advanced snorkel program 'Snorkel for Youth'
- 96 children in our basic snorkel program 'Turtuganan di Boneiru'

Through our awareness campaign 'Nos ta Biba di Naturalesa', to make the adult public aware that nature is the 'green' engine fueling our economy we produced:

- A base-line survey to measure the knowledge of the inhabitants regarding nature and its protection
- 4 public service papers, 'Makubekèn'
- 27 columns, bi-weekly on different nature-related topics in 4 local newspapers
- 22 interviews with different people on what their connection is with nature, and how it influences their daily life. These were published bi-weekly in 4 local newspapers
- 270 radio spots broadcasted on 3 local radio stations. The spots contain educational information about nature.
- Twice during the year we held a bumper sticker contest. The cars with a sticker of the campaign, 'Nos ta Biba di Naturalesa' won a prize. We distributed around 6,800 stickers



•Posters with the logo and the slogan of 'Nos ta Biba di Naturalesa' were distributed all over town and displayed in windows of different establishments.

We participated in the awareness campaign during the lora, our endemic parrot (*Amazona barbadensis rothchildi*) nesting season campaign by translating and placing 7 columns of 'Wannita' the lora in the local newspapers.

We held an awareness campaign to inform and educate the public on the need of the Fish Protected Areas (No take fish reserves)

We produced press releases of which 60 were published.

We took advantage of international celebrations as Earth Day, Museum Day, Bird Festival, Dive into the Summer and World Wetland Day to provide information and education to school children and adults

#### **Achievements on the planned projects for 2007**

BNMP Management Plan: the management plan is completed and is being used by management.

Establish Fish Protected Area: two "No take marine reserves" were established.

Create a new educational box with the topic - Washington Slagbaai National Park: in process but not completed.

Organize an educational and awareness campaign. Topic – Conch: Due to lack of funding this was not done;.

Run a Junior Rangers program: 20 teenagers participated in the Junior Ranger program.

Establish the club 'Turtuganan di Boneiru': The plan was to take the children who were certified through the snorkel program snorkeling on a more regular basis but due to lack of manpower this was not completed.

Design a STINAPA Newsletter: The newsletter was designed but not used.

Hold an Open house/Job fair: Due to lack of time, we did not hold a Open house/Job fair. Instead we participated in the job fair organized by the high school.

Restore the fence of Slagbaai; Completed.

Renovate the roads of the WSNP: A funding request was made to the government but we did not receive any reply.

Draft a plan for control of exotic species in the WSNP



and reforestation of the park: We have asked advice from the USDA-division of Wildlife but they could not visit us this year.

Launch the new STINAPA website: Website is fully functioning.

Print new brochures for the parks and their activities: Done.

Make poster to inform the public about the Nature Fee: Done.

Get funding to support the communications project: Done.

Create and implement the communications plan: It is a three year plan, the implementation is ongoing.

Acquire land in town to relocate the STINAPA headquarters: This project is going slowly, land has not yet been acquired.

Acquire funding to purchase land at Bolivia: This project is going slowly, no funding secured yet nor have the owners given a final price.

Participate actively in the progress of the waste water treatment project for Bonaire: The funding for the project is secured, the communication on the progress from the project leader's side is minimum.

Participate actively in the development of the Nature Ordinance and the updating of the Marine Ordinance: The new ordinance is fully written and was presented to the island government for approval.

Create an Information video/DVD on the work of STINAPA: Due to lack of funding this was not completed.



## Relationships with other organizations

DCNA (Dutch Caribbean Nature Alliance) and member organizations

WWF-NL (World Wildlife Fund Netherlands)

Koonstra Holding Netherlands

PBCF (Prins Bernhard Cultuur Fonds van Aruba en de Nederlandse Antillen)

KNAP Fonds (Kleine Natuur projecten), small grant from the Department of Environment & Nature Conservation of the federal government

MINA Fonds (Milieu en Natuur projecten), small grant from the Department of Environment & Nature Conservation of the federal government

BAUM Foundation, USA

PEGASUS Foundation, USA

CORAL Reef Alliance, USA

University of Maine, USA

University of Delaware, USA

University of Virginia, USA

Harbour Branch Oceanographic Institute, USA

The Nature Conservancy, USA

The Environmental faculty of Harvard University, USA

Earth Eco, USA

University of Exeter, UK



University of Sheffield, UK

University of Cologne, Germany

FLASA (Fundación La Salle), Venezuela  
PROVITA, Venezuela

UDEFA (Universidad de Falcón), Venezuela

Support Bonaire

Mangazina di Rei

Aliansa Naturalesa Bonaire

The Accolade Foundation

Bonhata (Bonaire Hotel and Tourism Association), the local hotel and tourism association

TCB (Tourism Corporation Bonaire), the local tourism corporation

STCB (Sea Turtle Conservation Bonaire)

CURO (Counsel of Underwater Resort Operators)

Jong Bonaire –after school program for the youth

Stichting Project

Marsche di Rincon

Plataforma Rincon

CARMABI

CIEE (Council of International Education and Exchange)



**Relationships with Governmental Departments and others**

DROB/MNB (Department of nature and environment management of the island government)

JAZ (Department of Legal and general affairs of the island government)

MINA (Department of Environment & Nature Conservation of the federal government)

LVV (Department of fisheries and agriculture of the island government)



SEK (Department of education of the island government)

The Public Prosecutor

Department of Finances of the island government

CMM (Commissie Marien Milieu-the advisory body to the island government on issues regarding the marine environment)

Coast Guard

Local Police and SSV



The local press



## MANAGEMENT BODY

STINAPA Bonaire manages the terrestrial and marine protected areas under contract with the Island Government. STINAPA Bonaire is governed by Board of Directors which includes various stakeholder representatives including the island government, tourism industry and conservation interests. The Board of Directors are volunteers and receive no financial compensation for their time and effort. The Board met 11 times in this reporting period. The Board has a maximum of eleven (11) seats with nine being filled during this reporting period. The Board has a supervisory role over the senior staff members who make up the Management Team and their activities.

## BOARD

Name:	Position:	Representing:
Evo Cicilia	Chair	Government of the Island Territory of Bonaire
Ronella Croes	Secretary	Tourism Corporation Bonaire (TCB)
Jeannette Nolen	Vice Chair	Independent
Herbert Piar	Treasurer	Independent
Corinne Gerharts	Member	Bonaire Hotel and Tourism Association (Bonhata)
Diana Sint Jago	Member	Independent
Bruce Bowker	Member	Council of Underwater Resort Operators (CURO)
Felix (Papi) Cicilia	Member	Government of the Island Territory of Bonaire
Jack Chalk	Member	Independent



## STAFF

STINAPA Bonaire has a full-time staff of 23 persons who run the parks and protected areas.

The day-to-day management of the foundation is organized and overseen by a Management Team consisting of the senior staff members, namely, the Director (Elsmarie Beukenboom), Washington Park manager (Fernando Simal), Bonaire National Marine Park manager (Ramon de Leon), Financial Administrator (Kerenza Rannou), Education Coordinator (Crisanta Martha), and Communication Coordinator (Karen van Dijk).

The Management Team meets weekly to discuss and plan the work of the foundation and to make any necessary management decisions.

STINAPA Bonaire makes use of interns and volunteers as well as visiting scientists and research establishments, partners, and consultants to work on various aspects of management.

### Washington Slagbaai National Park

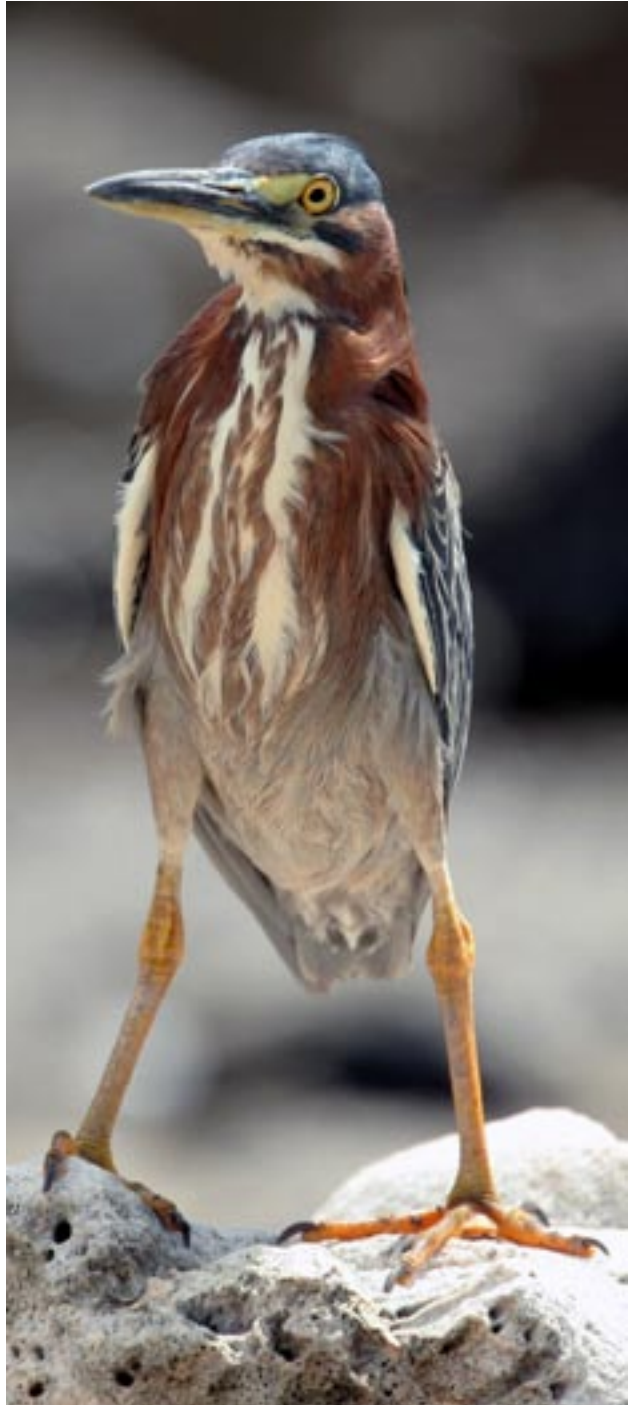
External human resources have been used for fence building. Six (6) international interns contributed a total of 90 weeks of work to administration, monitoring and research.

### Bonaire National Marine Park

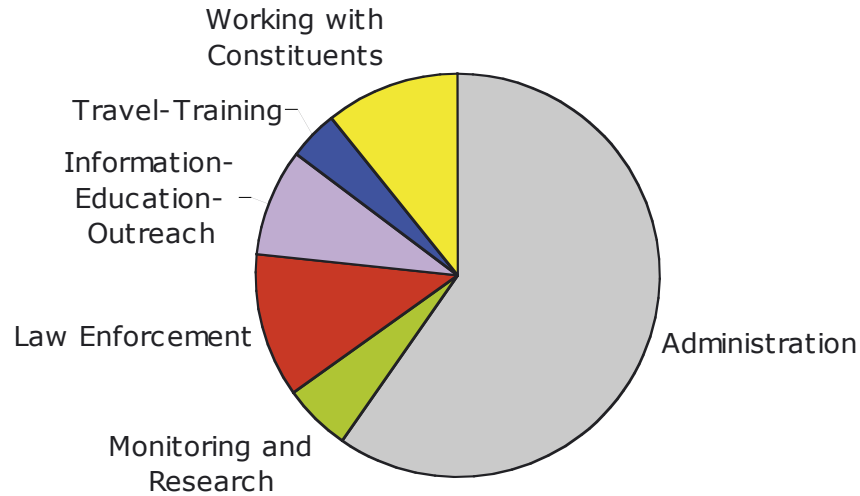
Two local consultants were hired in 2007 to survey Lac. Thirty five (35) local volunteers contributed a total of 52 weeks of work for monitoring. One (1) International Intern spent a total of 16 weeks on research.

Working together for one goal.





Position	Initial	Years of service	Academic qualification	Dive qualification	Special police powers	VHF radio operator	Vehicle / boat maintenance	First aid	Boat Captain license	IT Training	Media and communication	Species specific training	Monitoring	Park rules and legislation	Park History/stakeholders
<b>STINAPA Office staff</b>															
Director	EB	5	BSc	Rescue	✓	✓		✓	✓	✓	✓		✓	✓	✓
Accountant Manager	KR	>10	BSc	-	✓			✓		✓					
Communications Coordinator	KvD	1	BSc	Divemaster		✓		✓		✓	✓				✓
Education Coordinator	CR	2	BSc	Rescue				✓		✓	✓	✓	✓		✓
Administrative Assistant	JAF	>10	HS	-		✓		✓		✓					
Cleaner	ST	>10	ES	-				✓				✓			
<b>Marine Park Staff</b>															
MPA Manager	RdL	3	MSc	Instructor	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓
Chief ranger	DD	10	HS	Divemaster	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Ranger 1	ST	4	HS	Open water	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Ranger 2	KR	3	HS	Rescue	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Ranger 3	DR	1	HS	Open water		✓	✓	✓	✓	✓	✓	✓			✓
Ranger 4	DB	2	HS	Divemaster	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Ranger 5	GLC	1	HS	Rescue		✓	✓	✓	✓	✓	✓	✓		✓	✓
Ranger 6	AD	<1	HS	Advanced			✓	✓							
<b>Terrestrial Park Staff</b>															
TPA manager	FS	7	MSc	Instructor	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Chief ranger	GT	>10	HS	-	✓	✓	✓	✓			✓	✓		✓	✓
Ranger 1	CC	10	HS	-	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓
Ranger 2	NJ	9	HS	-	✓		✓	✓	✓	✓	✓	✓		✓	✓
Assistant ranger	RP	1	-	Open water		✓	✓	✓		✓	✓		✓	✓	✓
Assistant ranger	JM	<1	HS	Open Water	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓
Maintenance Person	HB	4	-	-			✓	✓						✓	✓
Maintenance Person	GS	>10	-	Open water		✓	✓	✓	✓					✓	✓
Maintenance Person	JP	1	-	-		✓	✓	✓						✓	✓



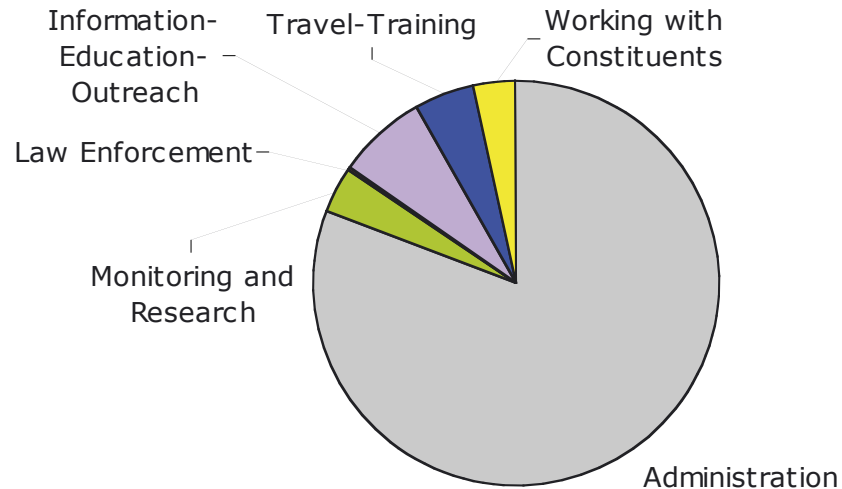
## OPERATIONAL MANAGEMENT

STINAPA Bonaire is responsible for the operations of Bonaire National Marine Park (BNMP) and the Washington Slagbaai National Park (WSNP). The BNMP had 47,000 visitors in 2007. 31,000 of those 47,000 were SCUBA divers and 16,000 entered the Marine Park for other activities. This was an increase over 2006 where there were 44,395 visitors to the BNMP. 30,465 of those 44,395 were SCUBA divers and 13,930 entered the Marine Park for other activities. A total of 26,961 visitors entered the WSNP in 2007, this is an increase over 2006 when 22,852 visitors entered the park. The activity that most of the visitors did in 2007 was sightseeing (13,720), followed by snorkelling (7,271) and SCUBA diving (3,324). 5,845 people visited the Visitor Center at the entrance of the WSNP; this number does not include the cruise ship passengers since their stop was too brief to be considered.

Just over half of the capacity (52%) of the 23 staff is spent on the Marine Park, with the rest being spent on Terrestrial issues.

**Bonaire National Marine Park**  
Fifty-nine (59%) of staff capacity was used on Administrative tasks in 2007. Information, education and outreach used up the majority of 2 staff members' time and Law Enforcement was carried out mainly by the Bonaire National Marine Park rangers.

**Washington Slagbaai National Park**  
81% of staff capacity for Washington Slagbaai National Park in 2007 was spent on administrative tasks.





## **OBJECTIVES FOR THE YEAR**

STINAPA Bonaire is dedicated to the conservation of Bonaire's natural and historical heritage through the sustainable use of its resources.

### Washington Slagbaai National Park

- I. Protect and restore (if necessary) the representative environment and landscape of the South Caribbean region found inside the park, as well as its ecosystems, in order to guarantee the balance and continuity of the evolutionary and ecological processes.
- II. Protect the island's native genetic diversity and biodiversity in the current ecosystems. Particularly, protect and restore (if necessary) the species that are in danger of extinction or are under special protected status.
- III. Guarantee the sustainable use and/or development of the ecosystems, its elements, and the historical resources, mainly for the benefit of the people of Bonaire.
- IV. Provide an area with optimal conditions for environmentally-oriented scientific research.
- V. Generate, rescue, and spread scientific and historical knowledge that will make it possible to understand the importance of using the resources in a sustainable way.

### Bonaire National Marine Park

1. Maintain and/or restore the ecosystems, biological diversity, and ecological processes.
2. Manage the marine park as a regionally and globally significant and successful multi-use marine protected area.
3. Allow use of the marine park by promoting non-destructive activities and working with stakeholders to establish guidelines and regulations to minimize impacts on the environment.
4. Protect and/or restore the cultural and historical resources identified as significant.

## **ADMINISTRATION**

STINAPA Bonaire has full-time office staff located at their headquarters at Barcadera. The office handles most of the administration for both parks and acts as a Secretariat to the Board, organizing Board meetings, setting agendas, and taking meeting minutes.

During 2007, STINAPA Bonaire produced an Annual report, monthly overviews of profit and loss, and quarterly budget comparisons. STINAPA Bonaire has recently gone through a strategic planning process to identify issues and threats and to set management priorities. During 2007 STINAPA Bonaire also undertook a Governance Scan and worked with a human resource management group to improve staff relations and management effectiveness.

Both the Washington Slagbaai National Park and the Bonaire National Marine Park have management plans. The Bonaire National Marine Park is protected by the Marine Environment Ordinance which is currently being reframed and updated to improve its effectiveness. The Marine Park is poised to establish Fish Protected Areas (No Take Marine Reserves) to better safeguard the island's reef fish populations. The Washington Slagbaai National Park is managed as private property and does not have any additional legal protection at this time.

#### Washington Slagbaai National Park

- Planning: 2006-2010 Management Plan, Communication Plan, Annual Action Plan and Annual budget. All are approved by the Board
- Funding has been found for several projects including:
  - Reforestation (KNAP funding) \$8,300
  - Monitoring plan (KNAP) \$8,300, PBCF
  - Education awareness project \$3,830
  - Patrols: 7 land patrols carried out each week for 2 hours
  - Maintenance: 2 people spent 208 hours maintaining vehicles, 7 individuals spent 720 hours on fence checking and repair, 2 people spent 92 hours on trail repair, 5 people spent 1600 hours on building maintenance, 4 people spent 960 hours on road maintenance, 3 people spent 105 hours maintaining signage

#### Bonaire National Marine Park

- Planning: Communication Plan, Fundraising Plan, Annual Action Plan, Annual Budget
- Fund raising:
  - 68 donors gave a total of \$13,000 for Light and Motion project



- \$6,895 was raised from the Prins Bernhard Cultuurfonds for an Education and Awareness Project
- Patrols: An average of 3 people patrol on land for 7 hours a day, every day of the year. Around 960 hours were spent patrolling by boat
- Maintenance: 720 hours spent maintaining 5 vehicles, 120 hours spent maintaining boats

Funds were raised to support the communication campaign, Nos ta Biba di Naturalesa. The amounts received were;

- Naf. 5,000 Sunbelt Realty
- Naf. 5,000 Carib Inn
- Naf. 5,000 from MCB Bank
- Naf. 5,000 from Digicel
- Naf. 2,500 from Harbourtown Real Estate
- Naf. 2,500 from TCB
- Naf. 2,500 from Telbo
- Naf. 2,500 from FCB
- Naf. 2,500 from RBTT Bank
- Naf. 2,500 from Selibon

Additional fund raising:

- Naf. 2,670 from the Pegasus Foundation funded the Tropical Reef Ecology training in Curaçao
- Naf. 3,938 from the Baum Foundation funded the Economic validation training that took place at Stanford University, USA
- Naf. 2,500 from Curoil was earmarked for the International year of the Reef 2008 awareness campaign
- Naf. 26,664 from Koonstra Holding was used to pay a consultant to do the Feasibility study for the STI-NAPA visitor center
- Naf. 450, Bonaire Eco Experience was used to print entrance tickets to the Washington Slagbaai National Park

Funds were received from several private donors:

- Mr. de Zoet Naf. 100
- Mr. Larry Gerharts Naf. 100
- Mr. Aal Dietz Naf. 35
- Mr. Roger Burnham & Mrs. Marcia Leatham Naf. 13
- Mrs. Linda & Mr. Jeff Goldman Naf. 2,670
- Mrs. Judith Barnes & Mr. Brian Schoepflin Naf. 1,750
- Mr. Paul Maduro Naf. 55
- Mr. Rignald Marchena Naf. 7



## MONITORING AND RESEARCH

### Washington Slagbaai National Park

#### VISITOR SURVEY

WSNP has operated a visitor monitoring survey for 2007 and plans to continue to record the number of visitors carrying out a range of activities in the park.

#### BIRD MONITORING

WSNP staff began monitoring bird populations within the park at key sites. This will become part of a long-term monitoring program in the park.

### Bonaire National Park

#### MONITORING PROGRAMS

Extensive nutrient monitoring was carried out in 2007, along with monitoring of 10 sites using AGGRA (Atlantic and Gulf Rapid Reef Assessment protocols), fish count monitoring, Reefcheck, Lac Project surveying, and establishing a fish biomass monitoring method.

#### DCNA MEASURING MANAGEMENT SUCCESS PROJECT

The management success project is an ongoing DCNA project designed to measure the management effectiveness of each organization and whether it successfully manages its protected areas. This project will eventually be used as a tool to attract further resources and support based on levels of acknowledged success. The management success project involves a tool for collecting data using objective indicators to measure the status of different elements of protected area management. Yearly the data needs to be updated. Staff contributed to data collection in March 2007, when 2 DCNA consultants visited the Park to collect information for 2006. Ultimately, the management success project can be used as a model for park organizations to improve accountability, transparency, and professionalism.

Visiting scientists who gave presentations to the public on the (preliminary) results of their studies:

•Dr. Anja Scheffers, and Prof. Dr. Frank Schäbitz from university of Cologne; tsunami and hurricane deposits research.

•Prof. Dr. Rolf Bak, University of Amsterdam and Dr. Peter Mumby, University of Exeter, UK-reef fish population, specifically the Parrot fish.

•Sam Williams and Rowan Martin, University of Sheffield, UK-behavior of the endemic parrot, the Lora (*Amazona barbandesis rothchildi*)

## LAW ENFORCEMENT, POLICY AND LEGAL ISSUES

Bonaire National Marine Park

- 51 entries were made into the incident log book
- 1 verbal warning was given
- 18 citations were written

Lobbying for Government to adhere to Ramsar criteria resulting in building permit withdrawal. Legislation adopted to establish 2 Fish Protected Areas. Lobbying for Nature ordinance and nature policy plan adherence, government zoning plan, pier construction policy, and permitting.

Washington Slagbaai National Park

•Advised on 3 permit requests; the government granted these permits for collection of geological materials. Lobbying for the passage of the Nature Ordinance and the transfer of ownership of Slagbaai Ramsar site from Carmabi to STINAPA.

## INFORMATION, EDUCATION, AND OUTREACH

STINAPA and staff members continue to work with over 50 local and international stakeholders and partners. Locally, this includes government departments for agriculture, tourism, building, and zoning as well as the police, other NGOs, and volunteer groups. Internationally, The Nature Conservancy, Harbour Branch Institute, University of Virginia, University of Delaware, University of Maine, and the World Wildlife



Fund for Nature have worked, among others, with STINAPA Bonaire in 2007. Lobbying for Government to adhere to Ramsar criteria resulting in building permit withdrawal. Legislation adopted to establish 2 Fish Protected Areas. Lobbying for Nature ordinance and nature policy plan adherence, government zoning plan, pier construction policy, and permitting.

STINAPA Bonaire

During 2007, STINAPA Bonaire's education and outreach staff have produced:

- Re-design of flyers and brochures
- STINAPA certificate
- Advertisements
- Website; [www.stinapa.org](http://www.stinapa.org), text and image updates
- 270 radio spots were broadcasted on three different radio stations
- 60 press releases
- 30 events including workshops, clean-ups, celebrations, Plant-a-tree day, and bumper sticker events for "NOS TA BIBA DI NATURALESA" awareness campaign
- 120,000 new brochures were printed
- new signage for buildings, rules and regulations, and Nature Fee signs for specific users
- 30 presentations were given to a total of 80 people sponsoring and working in partnership for Nos ta Biba di Naturalesa awareness campaign
- Hanging of banners announcing international environmental days on the Main Street

Washington Slagbaai National Park

- 5 talks given to a total of 75 children
- 20 children took part in the reforestation program
- 1,500 children took part in outdoor activities (bird and plant education, traditional usage and restoration of landscapes)

Bonaire National Marine Park

- Re-design of fliers, Boating Brochure and DEMA postcards
- Snorkelling classes were held in 8 schools,

- each taking 5 weeks with 5 hours of lessons a week
- 7 snorkel courses were held for the youth center, each taking 7 weeks with 4 hours of lessons per week
- 7 talks were given to a total of around 100 children
- 1,500 children took part in coastline awareness activities
- Course materials and curriculums are contained within educational boxes

The staff were interviewed by reporters during several live radio talk shows as well as television programs, on the island as well as internationally.

Together with Earth Eco, the Accolade Foundation, the Environmental faculty of Harvard University, and Bonhata we celebrated Earth Day. The topic was Global Warming. The movie “The Inconvenient Truth”, produced by Al Gore, was shown in the movie theater to over 300 school children and in community centers it was shown to the adults. The English class of the high school held an essay competition among the ones who saw the movie.

The Tourism Corporation Bonaire, TCB, hold each summer a month of environmental awareness programs among the tourists. We joined together with CORAL Reef Alliance where Rick McPhearson gave several seminars/lectures to the tourists as well as to locals on how to behave as a visitor in a marine protected area while minimizing our ‘foot prints’.

#### INTERNATIONAL VISITORS

- Mrs. A. Bijleveld-Schouten Junior Minister of the Netherlands in charge of constitutional change
- Representatives of the Dutch Parliament
- Mayors of the islands of Vlieland and Texel; two protected islands of the Netherlands
- Representatives of Stichting DOEN, a funding agency of the Netherlands
- Tom Ingram, executive director of DEMA



### DIA INTERNASHONAL DI MAMA TERA SINE GRATIS

#### “AN INCONVENIENT TRUTH”

**UN SINE KU BO NO POR KEDA SIN WAK. NOS  
KADA UN POR TRESE KAMBIO DEN NOS BIDA I  
BIRA PARTI DI E SOLUSHON.**



**FECHA:** E ta kuminsá djadumingu dia 22 e dia aki ta dia internashonal di mama tera (**Earth Day**) i lo tin un pènel ku duna kontesta riba boso preguntanan.

E siguiente dianan lo ta: dia 23, 24, 25 i 26 di aprel.

**ORA:** 7:30 di anochi  
**LUGA:** CINEMA na Playa

**PATRONISA PA:** BONHATA – STINAPA BONAIRE – ACO LADE FOUNDATION



## TRAVEL

### DCNA BOARD MEETING

Director, Elsmarie Beukenboom, as the DCNA Board representative for STINAPA Bonaire, attended both DCNA board meetings in 2007, accompanied the Marine Park manager to the DEMA show in Orlando and participated in the Tropical Ecology Course on Curaçao.

### Washington Slagbaai National Park

Manager traveled to Florida - Florida state parks biologists annual meeting (exotic species and monitoring programs), Margarita (Venezuela) - South Caribbean Nature Alliance WHS nomination, Panama -evaluating Environmental Impact Assessments on wetlands (by Ramsar).

### Bonaire National Marine Park

5 meetings attended by the manager: Latin American conference of marine science - Brazil, 21st annual meeting society of conservation biology South Africa, Towards international public-private partnership in tourism and conservation of the red sea reefs, WWF Hurgada Egypt, DEMA show Orlando. Chief Ranger attended a Tropical Ecology Course on Curaçao.

## PROJECTS

### Washington Slagbaai National Park

The Manager has spent approximately 70 hours working on 2 projects within Washington Slagbaai National Park:

- Complete Guide to Washington Slagbaai National Park
- New Visitor Centre brochure and Museum info translation booklet

### Bonaire National Marine Park

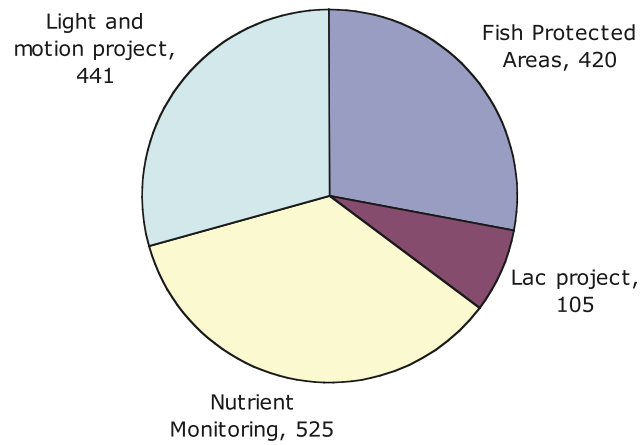
The most staff time was spent by 5 staff members on the Nutrient monitoring project. 2 staff members – the manager and a ranger, spent considerable amounts of time on the light and motion sensor project.



The main projects and time invested:

- Fish Protected Areas (No take marine reserves) 420 hours
- Lac monitoring project 105 hours
- Nutrient monitoring 525 hours
- Light and motion project 441 hours

**Bonaire National Marine Park Projects time  
(Figures are time in Hours)**



## FINANCIAL REPORTING

All figures are in N.A. guilders  
Balance sheet as at December 31, 2007

### ASSETS

#### FIXED ASSETS

Tangible fixed assets 1.127.533

#### FINANCIAL FIXED ASSESTS

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#### CURRENT ASSETS

Project subsidies receivable 9.597

Other current assets 158.631

Cash at banks 880.987

1.049.215

Total assets

2.176.748

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### EQUITY AND LIABILITES

#### EQUITY

Foundation's capital 100

Fixed assets funds 444.004

Accumulated results previous years 1.230.882

Result current year 120.844

1.795.830

#### APPROPRIATED SUBSIDIES

125.300

#### SHORT TERM LIABILITIES AND ACCRUALS

Social premiums and taxes 36.578

Accruals 219.040

255.618

Total equity and liabilities

2.176.748

Statement of Income and Expenses for the year 2007

INCOME

Project subsidies	72.674	
Project expenses	(72.674)	
Investments in tangible fixed assets	(--)	
	-----	
Project (surplus)/deficit	(--)	
Project Result		
Donations received		
Operating revenue	1.896.556	
Subsidy BZK	560.764	
Government grants	49.837	
Donations received	46.824	
	-----	
TOTAL INCOME	2.553.981	2.553.981

EXPENSES

Personnel expenses	1.109.401	
Operational expenses BNMP	47.944	
Operational expenses WSNP	47.461	
Transportation expenses	72.815	
Housing expenses	132.371	
Information and education	89.809	
General expenses	255.871	
Depreciation	198.236	
Donation Trustfund DCNA	560.764	
Release of fixed assets funds	(82.213)	
Addition to provision doubtful receivables	3.208	
	-----	
TOTAL EXPENSES		<u>2.435.667</u>
Operational result		<u>118.314</u>
Interest		(192)
Extraordinary gain/(loss)		<u>2.722</u>
Net result		<u>120.844</u>

FOTO CREDITS: Crisanta Martha - Elsmarie Beukenboom - Fernando Simal - Frank Bierings - Karen van Dijk - Keranza Rannou - Marian Walthie - Hanny Kalk



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PO Box 368 - Bonaire, Netherlands Antilles - Tel (599) 717 8444 - Fax (599) 717 7318 - E-mail: [communications@stinapa.org](mailto:communications@stinapa.org) - Website: [www.stinapa.org](http://www.stinapa.org)

STINAPA BONAIRE IS A MEMBER OF THE DUTCH CARIBBEAN NATURE ALLIANCE

