A movement for nature

Para la Naturaleza
Annual Report 2016
Para la Naturaleza was envisioned to become a movement; a movement to inspire people to connect with nature, and most importantly, to assume an active role in the conservation of our most valuable ecosystems and historic treasures. Creating opportunities for transformative experiences and shared learning, fostering collaboration and building new partnerships, we are slowly weaving the fabric for a truly sustainable Puerto Rico. Take a look at some of our proudest moments of 2016 and join us in our mission to achieve the protection of 33% of Puerto Rico’s lands by 2033.
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A big part of our decision to launch Para la Naturaleza three years ago, came from realizing that in order to make nature conservation a higher critical priority in Puerto Rico, we needed to significantly expand the public impact and reach of our programs. While land protection and historic preservation would remain a central part of our work, amplifying opportunities for citizen participation and new organizational partnerships were vital to achieve our objective.

As we close the year 2016, there are many accomplishments that we should be proud of. We continued our path of strategic land acquisitions, as evidenced by the purchase of Hacienda Pellejas in Adjuntas, and completed important capital projects, such as the award winning, Hacienda La Esperanza nursery.

However, it was in the impact of our interactions with people and communities, where I believe we attained the most significant progress. Our pioneering Citizen Science program ended its second National Science Foundation-funded cycle, culminating four years of exploration, discovery and learning for more than 1,000 volunteers. The stories of Venus Hernández Páez, Tito Figueroa and the García Berlingeri Family, are examples of the depth of these citizen science experiences, and the marvelous possibilities that they can unfold.

Our collaborative efforts with other public and private conservation entities also reached new heights this year. Working within the Caribbean Landscape Conservation Cooperative (CLCC) and its Protected Area Conservation Action Team (PA-CAT), we attained a remarkable increase in the percentage of land conserved in Puerto Rico, from 8 percent to 16.1 percent.

Boldly adopting the goal of protecting 33% of Puerto Rico’s most valuable ecosystems by 2033, Para la Naturaleza has set in motion a passionate force for change. More than ever before in our history, individuals, communities and different groups are collaborating, exchanging knowledge and learning from each other in support of nature conservation. This Annual Report is a direct reflection of that, and we hope that as you read it, your enthusiasm for a sustainable future will grow and strengthen. On behalf of all of us at Para la Naturaleza, we thank you for your continued support.

Sincerely,

Fernando Lloveras San Miguel, Esq.
President
Para la Naturaleza
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<thead>
<tr>
<th>Category</th>
<th>Number</th>
<th>Description</th>
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<tbody>
<tr>
<td><strong>PROTECTING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total acres</td>
<td>32,000</td>
<td>of land protected</td>
</tr>
<tr>
<td>Natural Protected Areas (NPAs)</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Visitor centers</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>Tree nurseries</td>
<td>5</td>
<td>that produced</td>
</tr>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>Species</td>
</tr>
<tr>
<td></td>
<td>80</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Sites listed in the National Register of Historic Places</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<tr>
<td><strong>CONNECTING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Volunteers</td>
<td>6,480</td>
<td>helping in everything from planting new trees, to cleaning rivers and conducting research</td>
</tr>
<tr>
<td>New acres</td>
<td>1,849</td>
<td>added in 2016</td>
</tr>
<tr>
<td>Total volunteer hours donated</td>
<td>75,071</td>
<td></td>
</tr>
<tr>
<td>Visitors to our Natural Protected Areas</td>
<td>85,000</td>
<td></td>
</tr>
<tr>
<td>Citizen Science research investigations completed involving scientists and</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>total citizen science volunteers</td>
<td>1,389</td>
<td></td>
</tr>
<tr>
<td>Children participating in Summer Nature Immersion Workshops in</td>
<td>167</td>
<td></td>
</tr>
<tr>
<td>different locations</td>
<td>5</td>
<td></td>
</tr>
</tbody>
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10
New partnerships/MOUs established with communities and other organizations

2,470
Individual and corporate AMIGOS program members

206,264
Visitors to Para la Naturaleza’s website

16%
Total percentage of land protected in Puerto Rico

$27,440
Raised on #GivingTuesday enabling the planting of

2,744
new native trees

360
Bird species counted and registered in eBird database

185,000+
Para la Naturaleza Facebook followers

6,060
Participants in our Feria Para la Naturaleza

6
New tree species added to our Champion Trees data base

31,945
New Sapo Concho (Puerto Rico Crested Toad) tadpoles released

3,000
New native trees planted

9
School-run plant nurseries known as Biocomisos
NEW STRIDES IN CONSERVATION

Punta Guaniquilla Nature Reserve Cabo Rojo
We are half way there! Puerto Rico protected land increases from 8% to 16.1%

Fantastic news came in April, when Para la Naturaleza joined a dozen public and private conservation organizations to announce a significant increase in the percentage of protected land in Puerto Rico. The previously known 8% of protected land grew two-fold to 16%, moving us half way closer to our goal of securing the protection of 33% of the island’s territory by 2033.

This unprecedented increase resulted from the combined effort of various entities within the Protected Area Conservation Action Team (PA-CAT), established by the Caribbean Landscape Conservation Cooperative (CLCC). Working together since 2015, the group set out to build an island wide protected areas database consistent with the International Union for Conservation of Nature (IUCN) classification system. By adding existing natural protected areas (NPA) protected by law which were not previously counted due to lack of regulations, incorporating the acquisition of new lands for conservation by governmental and non-governmental organizations, and revising methodology with a shared definition of NPAs that is in line with U.S. and IUCN parameters, the PA-CAT has afforded Puerto Rico with a uniform Protected Areas Inventory that will be annually revised and published.

Building on this success, the group’s collaborative work will expand to provide conservation strategies and mechanisms for Puerto Rico’s protected natural areas and cultural resources.

**PA-CAT MEMBERS**

- Puerto Rico Department of Natural Resources
- U.S. Department of Agriculture
- U.S. Forest Service
- International Institute of Tropical Forestry
- Puerto Rico Planning Board
- Foundation Alma de Bahía
- Bahía Beach Resort
- Foundation for Development Planning Inc.
- Centro para la Conservación del Paisaje
- University of Puerto Rico
- Sierra Club
- Corredor Ecológico del Noreste
- Para la Naturaleza
Hacienda Central Pellejas: A future model for ecological agriculture

A strategic acquisition of extraordinary significance was completed in June, with the purchase of Hacienda Central Pellejas located in the mountains of Adjuntas. The transaction sealed the protection of 1,371 acres of great ecological and scenic value containing several natural springs and the Pellejas river. The springs and streams that run through Pellejas are part of the Río Grande de Arecibo basin and connect to the Lago Dos Bocas reservoir, a critical source of water for many urban and rural communities. By preserving the integrity of this land, we are also making a statement about the importance of securing Puerto Rico’s vital water resources.

Initially known for its sugar cane and rum production, Hacienda Pellejas was later used mostly to grow plantain, coffee and bananas, and most recently for cattle raising. While its history accurately mirrors that of Puerto Rico’s 20th century agriculture, we hope that its rich landscape will provide the perfect backdrop for imagining the future of sustainable agriculture on the island. Although plans are still in the early stages, our goal is for Pellejas to become a model and research lab for river basin conservation and ecological agriculture best practices.
Our native trees reforestation efforts got an important jumpstart in November, thanks to an innovative fundraising initiative spearheaded by our Development team. The 10-day campaign peaked on Tuesday, November 29, in line with the #GivingTuesday global movement that annually promotes philanthropic giving on the Tuesday following “Black Friday”. With a simple call to action asking for donations to support Puerto Rico’s reforestation with native trees, Para la Naturaleza committed to plant and care for one native tree on the Island for every $10.00 gift received.

The bilingual multimedia drive was a tremendous success, enlisting the support of more than 300 individuals on the Island and abroad. In the end, a total $27,440 was raised which will enable the planting of 2,744 new native trees in 2017. The effort also allowed us to increase awareness on the unique benefits provided by our native trees, as well as to promote Para la Naturaleza’s tree nurseries.

#GivingTuesday delivers more native trees for Puerto Rico

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Last September, Para la Naturaleza was elected Chair of the IUCN’s Caribbean Sub-Regional Committee for a two-year term, following a previous appointment as Committee Secretary. The election will further our important role in supporting continued bilingual communications and better alignment of member actions and projects with IUCN core objectives.

Since joining IUCN in 2012, we have worked strategically to establish close ties with other Caribbean members and become a leading voice in the region. Besides our role in the Sub-Regional Committee, in 2013 we co-founded NatureCaribé alongside other Caribbean non-profits to help advance the area’s conservation agenda, and have spearheaded efforts to improve information sharing, coordination and collaboration that can bring our culturally diverse, multi-language region closer together.

Leaving our mark in the International Union for the Conservation of Nature (IUCN)

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KEY FIGURES

- Members since 2012
- Caribbean chair 2016
- 20 IUCN Caribbean members
- 1,300 IUCN member organizations
This year’s opening of Hacienda La Esperanza’s new Tree Nursery and Maintenance building was topped with the project’s recognition with the Honor Award for Built Work from the Puerto Rico Chapter of the American Institute of Architects (AIA). Praising the work of local architects Jorge Ramírez-Buxeda, Eugenio Ramírez, Ernesto Rodríguez and Francisco Gutiérrez, the international jury highlighted the design’s “elegant restraint” within the context of the historic campus and how the “honest expression of structural elements establishes a dialogue with the original manor house”. With an eco-friendly design that exclusively uses rainwater and is powered with photovoltaic panels, the new additions to Hacienda La Esperanza set an important milestone in our path to full sustainability.

New accolades for Hacienda La Esperanza: Tree Nursery and Maintenance building wins design award

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KEY FIGURES

- 4,930 square feet Water collection capacity of 16,000 gallons
Since Para la Naturaleza joined the Puerto Rican crested toad’s recovery efforts in 2010, we’ve had one key goal: to create new populations and save this native species from extinction. In the past four years we have liberated a total 123,787 crested toad tadpoles at three of our natural protected sites: Hacienda La Esperanza, Río Encantado and Cuevas Convento. In 2016 alone, we liberated 31,945 tadpoles, the largest release since the reintroductions started. It’s a big effort, with late field hours, many volunteers and multiagency collaboration, but 2016 proved to be the year in which we began seeing the results. By the end of the year we had recorded three successful reproduction events (one of them with 13 male adults calling!) and observed that the species has started to disperse outside the monitoring parcels surrounding the ponds. The work has benefited from 1,234 volunteer hours donated by 253 participants in 2016 alone.

**Promising results emerge in the Puerto Rican Crested Toad Recovery program**

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**KEY FIGURES**

- 123,787 crested toad tadpoles released since 2010
- 31,945 tadpoles released in 2016
- 3 reproduction events
- 1,234 volunteer hours
- 253 volunteers
Para la Naturaleza volunteers and team members were part of an exciting discovery this May, when three previously undetected fungi species, were found in the San Cristóbal Canyon in Barranquitas during a special BioBlitz event. Organized by National Geographic, the BioBlitz is an activity that focuses on finding and identifying as many species as possible in a specific area over a short period of time. This year, Para la Naturaleza was one of 100 organizations participating across the U.S. in celebration of the National Park Service’s 100th anniversary, with events held in four of our Natural Protected Areas.

The team working in Barranquitas registered the *Aecidium farameae*, a fungi species never before documented on the island but known to exist in the Dominican Republic and Cuba. The finding may have important consequences on the management plans for this natural protected area, as it is considered a plant parasite. “Some of these fungi that cause plant diseases have been introduced by accident through agricultural trade, although in this case it may be have arrived naturally”, said Deborah J. Lodge, researcher and mycology expert at the Natural Resources Service of the U.S. Department of Agriculture. The *Lepiota guatopenesis*, previously identified as being exclusive to the Guárico region in Venezuela, and the *Hygroaster nodulisporus* registered only at El Yunque National Forest, were also found in the area.

The BioBlitz was an excellent opportunity to expose volunteers and enthusiasts to the biodiversity of our natural protected areas, as well as to increase our knowledge about the presence of invasive species that may require specific management strategies.

**KEY FIGURES**

<table>
<thead>
<tr>
<th></th>
<th>1 day</th>
<th>9 volunteers</th>
<th>2 scientists</th>
<th>3 new fungi species detected</th>
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*San Cristóbal Canyon Natural Protected Area*
FORGING ADVOCATES FOR NATURE
Since 1993, when the first Nature Immersion Workshop was held at Las Cabezas de San Juan, kids and youths have been learning how to become caretakers and spokespeople for nature conservation through these transformative summer camp experiences, now offered in several of our nature reserves. This year, for the first time, a session was added in the San Juan Metro area to welcome 23 participants coming from some of San Juan’s most underserved communities including La Perla, and public housing projects Puerta de Tierra, San Antonio, Manuel A. Pérez, and Luis Lloréns Torres.

Under the theme Nature in the City, the workshop allowed kids, ranging in ages from 8 to 13, to explore and learn in activities that included walks of Old San Juan, talks about nature’s role in building the historic walls and fortresses, a sailboat ride offering a first-time view of the city from the bay, urban gardening in Punta Las Marías, and unforgettable trips to an organic farm in Aibonito and the San Cristóbal Canyon in Barranquitas. The camp provided them with a different perspective of their urban surroundings, teaching them how to protect nature and empowering them to become agents of change in their communities.

Our goal was to open their eyes to nature’s power, but the experience also taught them important lessons about respect for others and for themselves, about aspiring to become more and about looking forward to learning and growing. Their testimonies at the end of the five-day session speak for themselves: “I want to see more things”; “I want to achieve more”; “I want to be like you”; “Thank you for believing in me”. “Thanks for loving me”. The Metro Central region is continuing to cultivate the relationship with workshop participants to help them in their journey, by integrating them into our volunteer activities.

**KEY FIGURES**
- 23 participants
- 5 communities represented
- 10 days
2016 marked the closing of Para la Naturaleza’s second National Science Foundation-funded Citizen Science project—Exploring Life in the Río Grande de Manatí, a four-year research program that surveyed the biodiversity found along the Manatí river basin. A total of five investigations, centering on bats, birds, archaeology, river and coasts were conducted since 2012, each headed by an expert scientist with the help of citizen science volunteers. Over the course of the project, a total of 1,370 volunteers took part in activities ranging from collecting soil and water samples, to classifying archaeological artifacts and documenting birds and bats species. An estimated 24,348 volunteer hours were donated in 440 different events. But perhaps the program’s most lasting impact was opening the world of science to everyday people, helping them discover their own potential to make a difference in the health and wellbeing of their own communities through curiosity, research and dedication. The powerful experience of 18 of these citizen scientists inspired them to test their skills further and to venture in the development of their own research projects, some of which have been presented in community meetings, schools and symposiums in Puerto Rico and abroad. In the next pages we highlight the journey of some of them.
The first time Venus Hernández held a bat in her hands it was, in her own words, “love at first sight”. The Fajardo native had been a regular participant and volunteer at Para la Naturaleza’s Cabezas de San Juan Nature Reserve since age 10, but it wasn’t until a bat observation event at Hacienda La Esperanza that she found her true calling. “They were so cute and unique, that I had to return to learn more about them!”, she recalls with excitement. Four years have gone since that first day, and today at age 14, Venus is a passionate advocate for bat conservation that is taking her educational message to workshops and lectures throughout Puerto Rico and abroad.

Under the guidance of Dr. Armando Rodríguez Durán, Venus joined the Exploring Life in the Río Grande de Manatí Citizen Science research which focused on the impact of habitat fragmentation on the river basin’s bat population. For more than two years, Venus travelled from Fajardo to Manatí, two weekends per month, to identify and count bat species with an ultrasound detector. Her work earned her the chance to participate in the North American Bat Research Conference held in Monterrey California, and most recently in the International Bat Research Convention in South Africa. In these events, Venus proudly shared her experience as a Para la Naturaleza citizen scientist in Manatí, and in her own research project, identifying bat species in the Northeastern Ecological Corridor that spans through Puerto Rico’s northeastern coast.

“Bats are important pollinators and play a critical role in maintaining the balance of our ecosystems, but unfortunately, these facts are hardly mentioned in school text books. My mission is to raise awareness to ensure that their habitats are protected and their populations can remain at healthy levels”, she explains.

She frequently speaks in schools and community groups and was even called in to offer a workshop at an exterminator conference, resulting in a collaborative agreement to advance bat conservation. “The citizen science program was a life changing experience. I would love to become a scientist working in community outreach”, she adds.

Venus Hernández Paéz: a relentless passion for bats

Community Citizen Scientist
Project co-creator

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The García Berlingeris: a family united by nature and science

Community Citizen Scientist
Project co-creators

Sandra and Manuel Berlingeri were looking for science lab opportunities to expose their homeschooled teenage boys, when they discovered Para la Naturaleza’s citizen science offerings. They signed up in Hacienda La Esperanza and quickly became active volunteers in the Exploring Life in the Río Grande de Manatí project headed by Dr. Concepción Rodríguez Fourquet, which researched the river’s water by observing and documenting shrimp species along its basin. “We had never seen a live shrimp before, only frozen ones”, Sandra recounts.

Their enthusiasm for the project continued and for more than a year, the family of four dedicated one Saturday every month to helping Dr. Rodríguez Fourquet collect water samples, measure depth changes and capture and document the different shrimp species found in the river. At the same time, they also joined other volunteer activities in La Esperanza and in Cabezas de San Juan including counting bat species, collecting beach sand samples, monitoring marine turtle nests and cataloguing archaeological findings.

The schedule of this family is tight, as the kids are accomplished musicians that train at the Puerto Rico Conservatory of Music, but the time they spent in these volunteer experiences has provided a unique space for learning and spending time together. “The Citizen Science program has given us access to a new way of looking at our surroundings and also allowed us to do something together as a family. After each event we always sit down and discuss each other’s main observations and experiences”, Sandra explains.

Putting into practice what they learned with Dr. Rodriguez, the García-Berlingeris are now studying the water quality of the Indio River which flows near their home in Morovis. “Seeing these volunteers embark in their own investigations, in their own communities, is one of the greatest satisfactions of working in a citizen science project”, says, Dr. Rodríguez.
José “Tito” Figueroa is no stranger to nature conservation. Since 1993, this 63-year-old farmer and landscaper, has been part of his community’s neighborhood board, actively advocating for the protection of the Toro Negro river in his hometown of Ciales. The beautiful river and surrounding area is very popular among outside visitors, and Tito and his neighbors fear that neglectful human conduct will damage its rich biodiversity and water quality. Wanting to acquire new skills to help his cause, in 2015 Figueroa joined Para la Naturaleza’s citizen science project, enlisting as a volunteer in the Exploring Life in the Río Grande de Manatí quality of water research investigation, lead by Dr. Concepción Rivera Fourquet. His yearlong participation allowed him to learn the correct application of scientific methods for the measurement of water quality and conditions, but most importantly paved the way for a new partnership in support of his Toro Negro river conservation initiatives.

With the help of Dr. Rodríguez and Para la Naturaleza, Tito and a group of volunteers produced Pesca de río en Puerto Rico: tradición y sabiduría (River fishing in Puerto Rico: tradition and wisdom), a 10 minute documentary film recollecting the experiences and practices of river fishermen in the Toro Negro and Matrullas rivers in Ciales, and calling for their protection as a critical resource to the livelihood of its surrounding communities. The film has amassed more than 30,000 thousand views in YouTube and more than 10,000 in Facebook, thanks in part to the special Facebook page ¿Por qué cuidamos los ríos? (Why do we care for rivers?), also created by Figueroa.

Figueroa’s tireless quest has most recently given way to a new alliance with Para la Naturaleza, where our interpreters and volunteers are joining the Toro Negro community in a series of on-site workshops to educate residents and visitors about the rich biodiversity of the river and promote its adequate conservation. “Having the support of Para la Naturaleza has been critical, as we continue to build interagency support to ensure the adequate protection of our valuable river ecosystems,” says Figueroa.
LAND PROTECTION

Barranquitas Tree Nursery
San Cristóbal Canyon
Natural Protected Area
**Natural Protected Areas Descriptions**

1. **NPA CULEBRITA LIGHTHOUSE**
   - 4.37 acres
   - Dry forest
   - Dry scrub

2. **NWR CERRO EL BUEY**
   - 799.82 acres
   - Mangrove
   - Sandy coast
   - Rocky coast
   - Savanna
   - Subtropical dry forest
   - Marine grass prairie

3. **NPA MEDIO MUNDO Y DAGUAO**
   - 3,328.01 acres
   - Subtropical dry forest
   - Freshwater swamp
   - Coral reef
   - Mangrove
   - Sandy coast
   - Marine grass prairie

4. **LAS CABEZAS DE SAN JUAN**
   - 431.79 acres
   - Subtropical dry forest
   - Bioluminescent bay
   - Mangrove
   - Sandy coast
   - Marine grass prairie

5. **CE FINCA GULÍN**
   - 24.42 acres
   - Forest
   - Creek

6. **NPA FINCA SHAPIRO**
   - 4.86 acres
   - Subtropical moist forest

7. **NR HUMACAO PTEROCARPUS FOREST**
   - 766.48 acres
   - Freshwater swamp
   - Lagoons
   - Mangrove

8. **NPA LA PITAHAYA**
   - 108.25 acres
   - Forest
   - Creek
   - Grasslands and pastures

9. **FINCA COLÓN (FOREST SERVICE)**
   - 9.71 acres
   - Forest
   - Creek

10. **FINCA EL VERDE (FOREST SERVICE)**
    - 31.87 acres
    - Subtropical forest

11. **CE PALMAS DEL MAR**
    - 164.8 acres
    - Forest
    - Wetland
    - Creek

12. **NR INÉS MARÍA MENDOZA (PUNTA YEGUAS)**
    - 281.37 acres
    - Subtropical moist forest
    - Sandy coast

13. **NPA SIERRA LA PANDURA**
    - 173.99 acres
    - Guajonales (rock formation)
    - Creeks
    - Subtropical moist forest

14. **NPA LUZ MARTÍNEZ DE BENÍTEZ**
    - 131.07 acres
    - Moist forest
    - Moist grasslands and pastures

15. **FINCA LOS FRAILES**
    - 679.55 acres
    - Mangrove
    - Salt flat
    - Wetland

16. **RÍO PIEDRAS AQUEDUCT (SAN JUAN WATERWORKS)**
    - 12.62 acres
    - River
    - Subtropical moist forest

17. **NPA ULPIANO CASAL**
    - 318.49 acres
    - Moist grasslands and pastures
    - Subtropical moist forest

18. **NPA JORGE SOTOMAYOR DEL TORO**
    - 61.81 acres
    - Subtropical moist forest
    - Creeks
    - Sierra palm forest

19. **NPA RÍO GUAYNABO**
    - 25.25 acres
    - Creeks
    - Subtropical moist forest

20. **NPA HACIENDA LAGO**
    - 52.72 acres
    - Forest
    - Moist scrub and stand
    - Moist grasslands and pastures

21. **CASA RAMÓN POWER Y GIRALT**
    - 0.12 acres
    - Central offices

22. **ANTIGUO BANCO DE ESPAÑA**
    - 0.14 acres
    - Central offices

23. **NPA CULEBRAS**
    - 33.99 acres
    - Forest
    - Creek
NPA LA ROBLEDa 255.12 acres
Moist grasslands and pastures
Subtropical moist forest

NPA RÍO BAIOA 594.43 acres
Moist scrub and stand
Moist grasslands and pastures

NPA LAS LUNAS 18.75 acres
Wet woodland and shrubland
Moist grassland

NPA HERMANAS SENDRA 13.23 acres
Volcanic moist forest

NPA SAN JUAN PARK 26.21 acres
Subtropical moist forest
Moist grasslands and pastures

CE EL RABANAL 15.66 acres
Subtropical moist forest
River

CE CENTRO ESPÍRITU SANTO 5.29 acres
Forest
Creek

NPA CAÑÓN SAN CRISTÓBAL 1,730.35 acres
Subtropical moist forest
Farallón
River

NPA MARÍN ALTO 124.20 acres
Forest
Agriculture areas
Grasslands and pastures

NPA PUNTA POZUELO 124.55 acres
Dry forest
Dry scrub and stand
Salt wetland
Dry grasslands and pastures

NPA JÁJOME 658.10 acres
Forest
Moist grasslands and pastures

NPA PUNTA CABUYONES 531 acres
Dry grasslands and pastures
Lowland dry aluvial woody vegetation
Mangrove
Salt and mudflats
Sand and gravel coast

NPA HACIENDA BUENA VISTA 79.41 acres
Subtropical moist forest
River

SE MONTES OSCUROS 7,279.92 acres
Volcanic mountains
Coastal flat plains

NPA LOS LLANOS 116.72 acres
Dry forest
Dry grasslands and pastures

NPA OJO DE AGUA 1,386.91 acres
Dry forest
Dry stand
Dry grasslands and pastures

LA PARGUERA NATURAL RESERVE 1,554.84 acres
Coral reefs
Bioluminescent bay
Subtropical dry forest
Rocky coast
Mangrove
Salt flat
<table>
<thead>
<tr>
<th>Name</th>
<th>Acres</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPA DORADO PTEROCARPUS FOREST</td>
<td>30.08 acres</td>
<td>Freshwater swamps, Mangrove</td>
</tr>
<tr>
<td>NPA FREDDY RAMIREZ</td>
<td>193.95 acres</td>
<td>Subtropical moist forest, River</td>
</tr>
<tr>
<td>NPA HACIENDA LA ESPERANZA</td>
<td>2,137.43 acres</td>
<td>Forest, Mangrove, Lagoons, River, Estuary, Salt flat, Caño</td>
</tr>
<tr>
<td>NPA HACIENDA PELLEJAS</td>
<td>1,331.96 acres</td>
<td>Forest, Creek, Moist grasslands and pastures</td>
</tr>
<tr>
<td>NR HACIENDA LA ESPERANZA</td>
<td>33.94 acres</td>
<td>Forest, Moist grasslands and pastures, Agriculture areas</td>
</tr>
<tr>
<td>NPA HACIENDA PELLEJAS</td>
<td>2,211.03 acres</td>
<td>Limestone formations, Cave system, Underground river</td>
</tr>
<tr>
<td>NR RÍO ENCANTADO</td>
<td>473.10 acres</td>
<td>Subtropical dry forest, Mangrove, Limestone formations, Inlet, Coastal shrubland</td>
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<tr>
<td>NR PUNTA GUANIQUILLA</td>
<td>755.40 acres</td>
<td>Forest, Dry grasslands and pastures, Salt and mud flat</td>
</tr>
<tr>
<td>NR RÍO SANA MUERTO</td>
<td>107.74 acres</td>
<td>Forest, Creek, Moist grasslands and pastures</td>
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<tr>
<td>NR HACIENDA LA ESPERANZA</td>
<td>143.71 acres</td>
<td>Forest, Creek, Agriculture areas, Moist grasslands and pastures</td>
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<tr>
<td>NR RÍO MARICAO</td>
<td>41.02 acres</td>
<td>Subtropical wet forest, River</td>
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<tr>
<td>NR RÍO TORO NEGRO</td>
<td>141.46 acres</td>
<td>Subtropical dry forest, Mangrove</td>
</tr>
<tr>
<td>NPA CERRO LAS MESAS</td>
<td>10.04 acres</td>
<td>Subtropical moist forest</td>
</tr>
<tr>
<td>NPA CORDILLERA SARANA ALTA</td>
<td>47.18 acres</td>
<td>Forest, Scrub and stand, Salt wetland, Moist grasslands and pastures</td>
</tr>
</tbody>
</table>
Sources of funds

<table>
<thead>
<tr>
<th>Source</th>
<th>2015</th>
<th>2016</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land Donations and Easements</td>
<td>13,178</td>
<td>2,325</td>
<td>-82%</td>
</tr>
<tr>
<td>Portfolio Income*</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Income from Notes and Preferred Securities</td>
<td>439</td>
<td>380</td>
<td>-13%</td>
</tr>
<tr>
<td>Other Income</td>
<td>699</td>
<td>781</td>
<td>12%</td>
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</tbody>
</table>

Operating uses of funds

<table>
<thead>
<tr>
<th>Use</th>
<th>2015</th>
<th>2016</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>Management &amp; Support</td>
<td>3,461</td>
<td>3,358</td>
<td>-3%</td>
</tr>
<tr>
<td>Program Services</td>
<td>12,401</td>
<td>12,517</td>
<td>1%</td>
</tr>
<tr>
<td>Development</td>
<td>1,634</td>
<td>1,677</td>
<td>3%</td>
</tr>
</tbody>
</table>

* Authorized endowment draw
$ IN THOUSANDS
### Capital investments

- **Land Acquisition**
  - 2015: $2,057
  - 2016: $2,530
  - Increase: 23%

- **Site Development & Improvements**
  - 2015: $2,972
  - 2016: $1,645
  - Decrease: 45%

- **Furniture & Equipment**
  - 2015: $170
  - 2016: $329
  - Increase: 94%

### Total uses of funds

- **Capital**
  - 2015: $5,199
  - 2016: $4,504
  - Decrease: 13%

- **Operating**
  - 2015: $17,496
  - 2016: $17,552
  - Increase: 0%

### Revenue less operating expenses

- **Operating Revenues**
  - 2015: $22,695
  - 2016: $22,056
  - Decrease: 3%

- **Operating Expenditures**
  - 2015: $17,496
  - 2016: $17,552
  - Increase: 0%

- **Excess Funds**
  - 2015: $5,270
  - 2016: $-3,070
  - Decrease: 42%
$75,000 — $200,000
GFR Media LLC
Joaquín B. Viso & Olga Lizardi
Liberty Cablevision

$10,000 — $74,999
Carmen Báez
Edwards Lifesciences Technology
Evertec
Iván Alonso Costa
Microsoft
Pfizer Pharmaceuticals, LLC
SC Johnson de PR Inc.
Total Petroleum P.R. Corp.
The Dorothea L. Leonhardt Foundation
WKAQ 580 Univisión Radio

$5,000 — $9,999
Claro Puerto Rico
Cooperativa de Ahorro y Crédito de Yabucoa (Yabucoop)
Foundation For a Better Puerto Rico
Dennis H. Rivera & Terry Bishop
Fundación Ángel Ramos
Industrial Fittings & Valves
MillerCoors
Plaza Provision Company
Walmart
Yamira Ortiz Plumey

$1,000 — $4,999
Aeronet Wireless Broadband
Destileria Serralles Cane Camp Bartenders
in Memory of Aida Esther Felicie
Alina Ortega César
Alison Auger
Ana Fernández & Juan Rivera
Axiomática Inc.
Antonio L. Ferré Rangel
Ángel San Miguel
Antonio J. Lucio
AON
Assurant Solutions
Betsy Krebs
Blas Fonaldeas & Diana Pérez Seda
Borinquen Container Corp.
Carlos Muñoz Chappuis & Bertil Chappuis
Carlos Jeep Rental, Inc.
Carol Wojciechowicz
Casillas, Santiago & Torres, LLC
CDT Villa Los Santos
$1,000 — $4,999

Copamarina Beach Resort
Destilería Serrallés, Inc.
EcoEléctrica, L.P.
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Francisco X. González Calderón
Fresh
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Gregory Kaufman & Ellen Seidman
Hot 102
Ileana Toledo Coira
Interface
Interlink
IPR Pharmaceuticals, Inc.
Joanna Cartagena Romanace
Jonathan Marvel
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José E. Rossi
Juan Sabater
Justin Sullivan
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María Marín
Marie Salerno
Michael Schnell
Miguel A. Soto Class
Model Offset Printing
M Salomé Galib & Duane McLaughlin
Nueva Vida
Pan Pepín

Plaza las Américas
Rafael Ortiz & Brenda L. Torres Barreto
POMMPR
Popular Auto
Pre-Pave
PR Textile Recycling LLC
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Sergio Molina
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WIPR
Yoly Davis
7.29 Events
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Joaquín B. VISO

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Director of Finance

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Financial Management Accountant & Controller

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Director of Natural Protected Areas

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Para la Naturaleza is a nonprofit organization that integrates society into the conservation of its natural ecosystems. Its goal is to ensure the percentage of protected lands in Puerto Rico is 33% by the year 2033. Para la Naturaleza provides each person and each community with transformative experiences in nature that inspire and motivate concrete actions in favor of its protection, such as doing volunteer work, donating money and land, or establishing conservation easements. The organization leads educational programming, volunteer events in citizen science or natural area management and fundraising initiatives. Para la Naturaleza also manages visitor centers and natural protected areas throughout Puerto Rico, including Hacienda Buena Vista in Ponce, Hacienda La Esperanza in Manatí and Cabezas de San Juan in Fajardo, among others.