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2001

EKOS  
BRASIL

2021





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# EKOS BRASIL

**IT IS WITH GREAT SATISFACTION AND PRIDE** that we have prepared this special publication to commemorate the 20th anniversary of Ekos Brasil Institute. We highlight our main projects and tell a bit of our history, through photos and testimonials from people who were part of this journey.

At this time of pandemic and home-office, the process of research and preparation of the publication ended up uniting us even more. From this project, we found old photos, met former collaborators, heard stories unknown until then, and remembered the essence of Ekos.

We tried our best to present our work, which is quite technical, in simple language. In fact, perhaps, words are not even necessary to understand what we do. The beautiful photos that you are about to see in this publication speak for themselves. They are a small sample of the riches that we have helped to preserve during all these years.

A 20<sup>th</sup> anniversary is an important milestone for any institution, even more so for a non-profit organization like ours, which seeks environmental protection. So, for us, this date has a meaning of victory.

These two decades of existence show that all the effort of the Ekos team was worth it and that the idea of its founder, Ernesto Moeri, was achievable and sustainable. Today, Ekos is an institution of international reference.

Without a doubt, our projects would not have progressed without the support of partners from the public and private sectors and the civil society. Therefore, our success is also an achievement of Brazil as a whole. The engagement of these different actors shows how there are many people willing to work for the same goal in this country. That is a great stimulation for us.





Ernesto Moeri, founder of the Ekos Brasil Institute

# FOUNDATION OF THE EKOS BRASIL INSTITUTE

ORIGIN • 2001

**THE EKOS BRASIL INSTITUTE** was born in august 2001, on the initiative of the Swiss Brazilian geologist, Ernesto Niklaus Moeri. In 1976, Ernesto Moeri comes to Brazil to work for just two years, but his passion for the people and the luxurious nature speaks louder and he decides to stay in the country for good.

Believing in the potential of Brazil, in 1980, he founds the company Geoklock, an Environmental Engineering consultancy for remediation of contaminated areas and waste treatment. After decades working in the sector, Ernesto Moeri makes his big dream come true; founding a non-profit institution that would promote the preservation of biodiversity and sustainability.

*"In 2001, at a meeting of the Geoklock Board of Directors, Ernesto commented on his thoughts of creating a non-profit foundation focused on preserving the environment. At that moment, the directors found the proposal a bit strange. However, as was Ernesto's personality, he didn't let the idea die and, at the next meeting, he already had something a little more defined. If, at Geoklock, we would "fix" what had been damaged in the environment, at the Institute we would execute projects that would be the complete opposite of remediation projects; projects for the conservation and protection of the environment."*

- **CRISTINA SANCINI**, ADMINISTRATIVE FINANCIAL DIRECTOR OF THE EKOS BRAZIL INSTITUTE.





**“WE NEED TO INVEST IN  
CONSERVING OUR  
NATURE, MANAGING OUR  
PARKS, UNDERSTANDING OUR  
GENETIC WEALTH,  
PROTECTING OUR FORESTS,  
VALUING OUR APTITUDE FOR  
ALTERNATIVE FORMS OF  
ENERGY. WE HAVE TO DULY  
APPRECIATE OUR RURAL AND  
AMAZON COMMUNITIES, THE  
INDIANS AND RIVERSIDE  
PEOPLE, THE COUNTRYMAN  
WHO KNOWS THINGS, AND THE  
CITY MAN WHO MAKES THINGS**



**ERNESTO  
MOERI,  
FOUNDER  
OF THE EKOS  
BRASIL INSTITUTE**

From the beginning, even though it was a non-profit organization, Ernesto Moeri was concerned with organizing the Institute based on a corporate plan, with accounting, human resources, and finance departments, in such manner that the projects could be managed in an efficient, transparent, and reliable fashion.

In these 20 years of existence, Ekos has become a reference in the work in projects of conservation and planning of natural areas, technical training in environmental recovery, structuring and operation of sustainable investments, and promotion of technical and scientific exchange between Brazilian and international entities.

Its successful and pioneering trajectory was only possible thanks to the professionals who have been through the Institute and always performed impartially and technically.

**COMMITMENT TO SCIENCE IS IN EKOS' DNA, WITHOUT  
EVER LOSING SIGHT OF THE CONCERN FOR LOCAL  
COMMUNITIES.**

In 2019, upon the demise of Ernesto Moeri, his daughter, Ana Moeri, became the Director-President of the Institute and now follows, together with the Ekos team, her father's dream of helping the country grow sustainably.

Ernesto Moeri was right in his belief in the development of the Institute: it has been 20 years of hard work and dedication. In this special report, the main projects and the most important moments of this trajectory were gathered. The growth of Ekos is visible, its projects have reached different areas of Brazil and its work has been receiving national and international recognition.

Ekos managed to build a valuable network of dialogue between the private and the public sectors and the society. This solid foundation of trust enables the viability of several projects.

There is no doubt that Ernesto Moeri left his legacy, for all of those who followed his work at Ekos understood his message and the mission to be accomplished. The proof of that is in the team's commitment and in the love for nature cherished by each member. There is no better evidence to assure that Ekos Brasil Institute has a bright future ahead.





# FIRST EDITION OF THE SEMINAR EKOS BRASIL - REMEDIATION OF CONTAMINATED AREAS

E K O S SEMINAR • 2 0 0 2

**SINCE 2002, EKOS HAS BEEN ORGANIZING** the largest seminar in Latin America on remediation of contaminated areas. The idea for the Seminar came from Ernesto Moeri, who sought to organize an event that would promote the exchange of information between professional colleagues. The event was a pioneer in debating specific cases of contaminated areas and inviting competing consultancies to be side by side. The first Ekos International Seminar on Remediation of Contaminated Areas took place in 2002, in São Paulo, at Club Transatlântico. To the team's surprise, in the very first edition, the event was a success. Over 80 people signed up and important speakers attended, such as José Goldemberg, one of the greatest Brazilian scientists, an energy specialist and advocate of the use of modern technologies to promote sustainable development.

**“EVERYBODY THOUGHT THE SEMINAR WOULD BE A FAILURE, WE DIDN'T IMAGINE THAT COMPETING COMPANIES WOULD ACCEPT TO SHARE THEIR KNOWLEDGE. THE ONLY ONE WHO BELIEVED IN THE PROJECT WAS ERNESTO MOERI. UPON EACH NEW APPLICATION HE WOULD CALL ME TO GIVE WORD - ANOTHER NEW APPLICATION, DANIELA - HE WOULDN'T SAY IT, BUT I KNEW HE WAS THINKING – “SEE? I TOLD YOU IT WOULD WORK”. FROM THEN ON, I LEARNED TO NEVER AGAIN DOUBT HIS IDEAS.”**

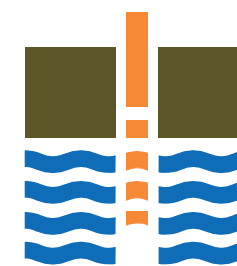
- DANIELA GOMES PINTO, FIRST COLLABORATOR OF THE EKOS INSTITUTE (2002).

**“IN THE MATTER OF MANAGING CONTAMINATED AREAS, THE EKOS INSTITUTE HAS AN INNOVATIVE TRAJECTORY, WITH SEVERAL EVENTS UNPRECEDENTED IN BRAZIL: FROM THE FIRST EDITION OF THE INTERNATIONAL SEMINAR ON REMEDIATION AND REVITALIZATION OF CONTAMINATED AREAS IN 2002, TO THE ORGANIZATION OF SUSTREM IN 2018, TO THE 12<sup>th</sup> EDITION IN 2020 ON THE REGIONAL PROGRAM FOR THE QUALITY MANAGEMENT OF GROUNDWATER IN JURUBATUBA.”**

- SANDER ESKES, ENVIRONMENTAL CONSULTANT.

In 2003, in its second edition, the seminar grew and had the participation of more than 200 people. Over time, the event has definitely entered the agenda of professionals in the sector and to this day it maintains its reputation for quality. There have been 12 editions already and, with each new Seminar, the Ekos team quests for sponsors, speakers, new topics, and a good technical agenda. Besides the exchange of experiences, the event seeks to organize workshops that bring useful knowledge and real solutions.

Another outstanding feature is that the seminar counts on the participation of the different players involved in the problems of contamination, from the industrial sector to environmental agencies, consultancies, and affected communities.



## SEMINÁRIO EKOS BRASIL

INTERNATIONAL SEMINAR FOR REMEDIATION  
AND REDEVELOPMENT OF CONTAMINATED SITES

SEMINÁRIO SOBRE REMEDIAÇÃO E REVITALIZAÇÃO DE ÁREAS CONTAMINADAS



In the 11th edition of the Ekos Brasil/SustRem 2018 Seminar, a multidisciplinary group, coordinated by Ekos, worked with local stakeholders to create a regional solution that could benefit those responsible for the areas, state and municipal authorities and users of ground water





A result of SustRem, the 2020 edition of the Seminar innovated once again by debating the case of the Jurubatuba district, in the city of São Paulo. The problem is extremely complex, as chemical agents have reached the deepest layers of the region's aquifers. Besides that, the contaminated area is densely populated and involves several players.

Despite the challenges, Ekos managed to bring together representatives of the Public Ministry, Environmental Agencies, Consulting Companies, Industries, and Researchers to dialogue and find a solution.

That is only viable because these institutions and the society trust in the independence of Ekos, from its experience and critical eye, which serve as a bridge that intermediates the ones involved.

The Seminar was a success in terms of audience and repercussion among remediation professionals. On the two days of the event, more than 300 spectators from consulting firms, industries, public agencies, and universities from Brazil and Latin America, in addition to speakers from Brazil and other countries, have connected, bringing their expertise and similar cases from around the world to the situation in Jurubatuba so that, together, we could find the best way for the region.



**“THE 2020 EKOS SEMINAR WAS PLANNED WITH A BOLD AND INNOVATIVE PROPOSAL: UNLIKE ALL PREVIOUS YEARS, THIS EDITION AIMED TO FOCUS ITS EFFORTS AND DISCUSSIONS IN A SPECIFIC AND WELL-KNOWN REGION AMONG PROFESSIONALS IN THE SECTOR OF CONTAMINATED AREAS - THE DISTRICT OF JURUBATUBA, IN SÃO PAULO. THE CONSTANT DIALOGUE WITH AUTHORITIES, CONSULTANTS, SCHOLARS, AND OTHER PROFESSIONALS INVOLVED IN THE THEME WAS EXTREMELY CONSTRUCTIVE FOR EVERYONE ENTERING THIS PROCESS OF MANY MONTHS THAT CULMINATED IN THE EVENT HELD IN OCTOBER AND WAS AN EXAMPLE OF DIPLOMACY AND QUEST FOR COMMON GROUND.”**

- LUCIANA FERREIRA, NICOLE LATIN AMERICA NETWORK SECRETARY.



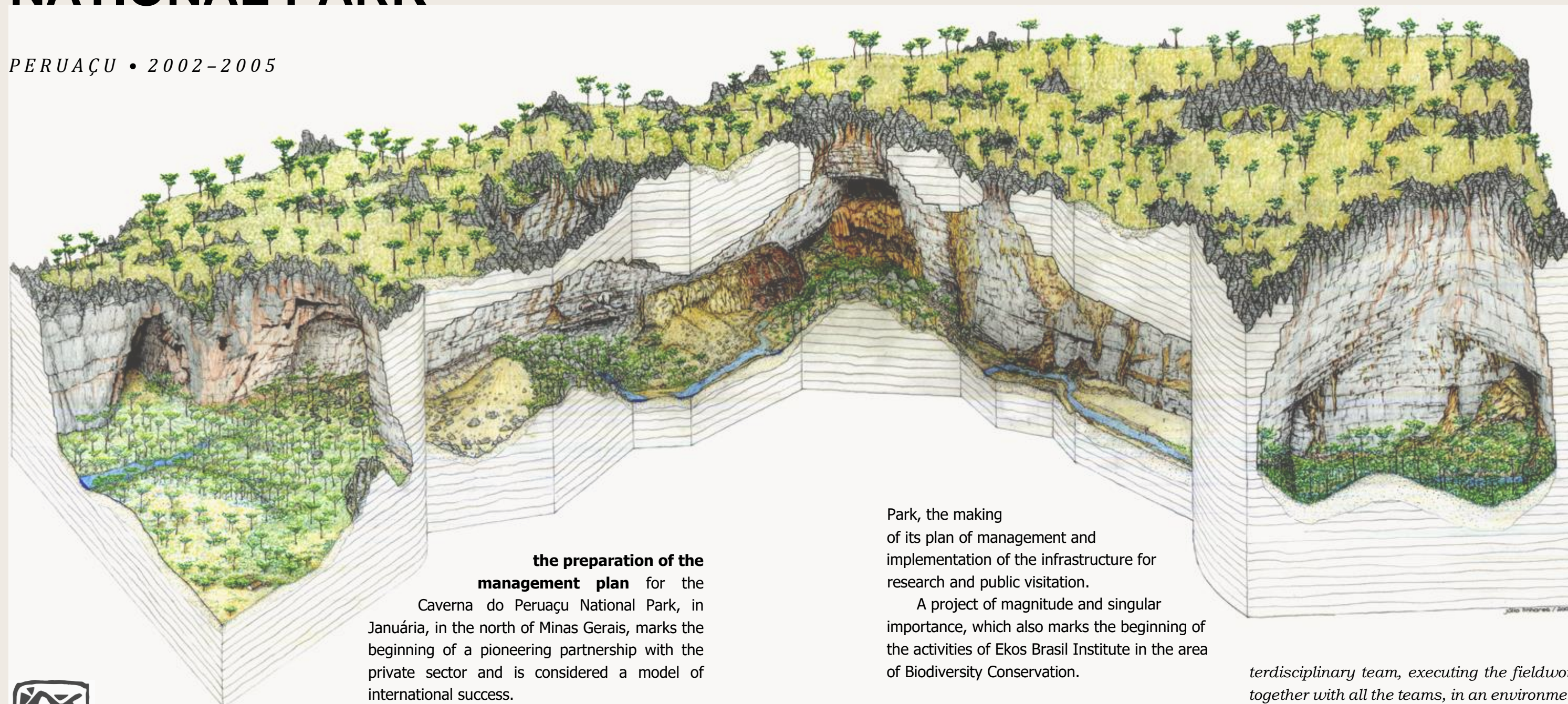
**“THE 2020 SEMINAR WAS A HUGE SUCCESS! WE HAD GREAT NAMES IN THE SEGMENT OF CONTAMINATED AREAS, DEBATING AND SEARCHING TOGETHER FOR WAYS TO SOLVE THE MONITORING OF DATA IN THE REGION OF JURUBATUBA, IN THE METROPOLITAN REGION OF SÃO PAULO. TO ME, THOSE WERE TWO DAYS OF MUCH KNOWLEDGE AND INCREDIBLE EXPERIENCES. IT WAS MY FIRST PARTICIPATION IN THIS VERY IMPORTANT AND GRAND EVENT IN THE REMEDIATION AREA. UNFORGETTABLE!”**

- YASMIN VILA NOVA MASCARENHAS, EKOS BRASIL INSTITUTE.



# PLAN FOR THE MANAGEMENT AND IMPLEMENTATION OF THE INFRASTRUCTURE OF THE CAVERNAS DO PERUAÇU NATIONAL PARK

PERUAÇU • 2002–2005



## the preparation of the management plan for the

Caverna do Peruaçu National Park, in Januária, in the north of Minas Gerais, marks the beginning of a pioneering partnership with the private sector and is considered a model of international success.

The entire project was carried out without public funds, after a TAC (Conduct Adjustment Term) between the Federal Public Ministry and the private sector, as an environmental compensation measure. Through that Term, around 30 million reais were invested, which allowed the acquisition of more than 56 thousand hectares of land for the

Park, the making of its plan of management and implementation of the infrastructure for research and public visitation.

A project of magnitude and singular importance, which also marks the beginning of the activities of Ekos Brasil Institute in the area of Biodiversity Conservation.

*“Working on the Management Plan for the Cavernas do Peruaçu National Park was more than mere professional experience, it was also a pleasant life experience! Integrating an in-*

*terdisciplinary team, executing the fieldwork together with all the teams, in an environment of varied knowledge, was something stimulating and that allowed for a healthy exchange of knowledge, making the work engaging and thought-provoking.”*

- RICARDO FRAGA, GEOLOGIST, PHD, ASSOCIATE PROFESSOR - INSTITUTE OF GEOSCIENCES - IGEO.





# MANAGEMENT PLAN SERRA DO MAR STATE PARK

MATA ATLÂNTICA • 2006

THE MANAGEMENT PLAN FOR THE SERRA DO MAR STATE PARK was a milestone for the conservation of the Atlantic Forest, as it is the largest unit of the biome. The project involved more than 20 specialists from the most diverse areas; it promoted major advances to the resident population of the Park and its surroundings and ensured the recognition of traditional *caçara*, *quilombola*, and indigenous communities as guardians of intangible heritage.

*"The preparation of the Management Plan for the Serra do Mar State Park meant continuity of actions of the Ekos Institute on this topic, after the experience with the Management Plan for the Cavernas do Peruaçu National Park. It also inaugurated a lasting and fruitful relationship with Fundação Florestal which, in the following years, allowed for the realization of several other Plans, including those for the Carlos Botelho Park and the Estação*

*Ecológica de Xitué. To me, it was a period of immense professional learning and personal fulfillment, of which I keep incredibly special memories of gratitude and affection."* – MARIA ISABEL AMANDO DE BARROS, ALANA INSTITUTE

Ekos coordinated the preparation of the Management of the Park, in cooperation with the *Projeto de Preservação da Mata Atlântica* [Atlantic Forest Preservation Project] (PPMA) and the Forestry Institute, an agency linked to the State Secretariat for the Environment of the State of São Paulo.

With more than 315,000 ha, the park spans over 23 municipal units and comprises a corridor that connects the remnants of the Atlantic Forest in the south of Rio de Janeiro to the ecological continuum of Vale do Ribeira and of Paraná. Located in the country's most economically developed region, its management is highly complex among the conservation units of São Paulo.

"THIS IS THE BIGGEST PARK IN THE STATE OF SÃO PAULO AND THE LARGEST ATLANTIC FOREST IN BRAZIL. IT WAS CREATED IN 1977 AND HAS 332 THOUSAND HECTARES THAT CONSERVE ENORMOUS DIVERSITY OF SPECIES AND LANDSCAPES AND COUNTLESS

WATER WAYS. ALL ROADS DEPARTING FROM THE CAPITAL

SP TO THE COAST CUT ACROSS THIS CONSERVATION UNIT. IN 2006, AFTER NEARLY 20 YEARS OF EXISTENCE, THE PESM HAD ITS MANAGEMENT PLAN APPROVED. THE RESOURCES CAME FROM THE ATLANTIC FOREST CONSERVATION PROJECT – PPMA, WHICH WAS FUNDED BY KFW BANK (INTERNATIONAL COOPERATION GERMAN BANK). THAT WAS THE FIRST TIME THE FORESTRY INSTITUTE CONTRACTED A CIVIL SOCIETY ORGANIZATION (EKOS) TO DRAFT A DOCUMENT OF SUCH RELEVANCE. THE PLAN WAS UNANIMOUSLY APPROVED BY THE STATE ENVIRONMENT COUNCIL – CONSEMA AND HAS BEEN IN FORCE TO THIS DATE."

- MARIA CECILIA WEY DE BRITO, EKOS BRASIL INSTITUTIONAL RELATIONS.



PUBLICATION  
COMMEMORATING THE  
11 YEARS  
OF THE MUNICIPAL PLAN  
OF THE MATA ATLÂNTICA

*MATA ATLÂNTICA • 2006*





# MAKING OF THE MANAGEMENT PLAN OF THE CARLOS BOTELHO PARK

*RIBEIRA DO IGUAPE • 2006*

CREATED IN SEPTEMBER 1982, the Carlos Botelho State Park is one of the 26 integral protection units managed by the São Paulo State Government (Forestry Foundation/Forestry Institute). The region harbors important sources of the Ribeira do Iguape River. Several rivers drain into the Juquiá River, an important tributary of the Ribeira do Iguape River.

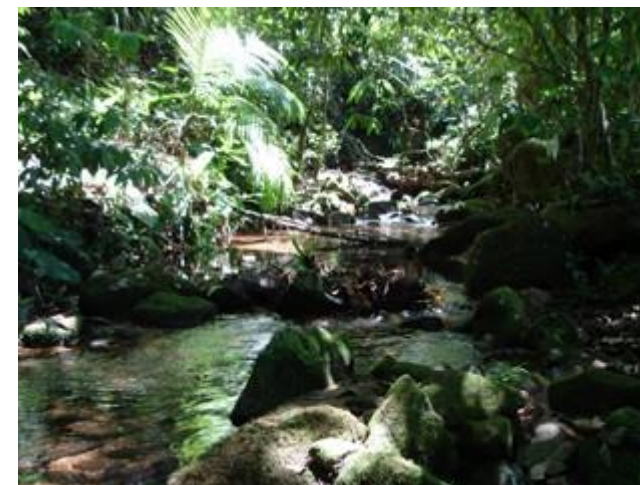
The Management Plan, coordinated by Ekos, revealed novelties and highlighted issues already well known concerning the region. The Park is a true donor of water and, with the exception of a small stream, does not receive contributions from external drainage. In other words, the Park is protected from potential contamination from external rivers.



# SOCIAL-ENVIRONMENTAL DIAGNOSIS FOR THE CREATION OF CONSERVATION UNITS BERTIOGA POLYGON

*BERTIOGA • 2008*

WITH THE PURPOSE OF PROMOTING the protection of these important remnants of Atlantic Forest, WWF-Brasil, in partnership with Instituto Florestal and Fundação Florestal do Estado de São Paulo, supported by the Ministry of the Environment/PDA and with the Executive coordination of Ekos, within the scope of the project "Creation and Expansion of Conservation Units in the State of São Paulo based on the Principle of Representativeness", proposes the elaboration of the Socio-environmental Diagnosis for the Creation of Conservation Units, in the Polygon called Bertioga.





# CREATION OF THE ECOMUDANÇA PROGRAM

ITAÚ PARTNERSHIP • 2007

OVER 12 EDITIONS, EKOS AND ITAÚ BANK have maintained a long partnership through the Ecomudança Program. In 2007, Itaú and Ekos began to select, through public notices, environmental projects by NGOs and small- and medium-sized companies to receive funding at reduced interest rates.

The projects chosen, after strict selection by Ekos, focused on reducing greenhouse gas emissions and water footprint, and promoting initiatives aimed at mitigating climate change.



The cycle of the Ecomudança Program ended in 2020 and left excellent marks. During these 10 years of partnership, 72 initiatives were supported, 7 million reais were invested, the emission of 51,000 tCO2 was avoided, 2,000 families were benefited, 245,000 seedlings were planted, and 1,600 ton of waste were disposed of correctly.



“THE FAMILY OF ECOMUDANÇA INVESTMENT FUNDS WAS LAUNCHED IN 2009, AS PART OF THE STRATEGY OF OFFERING INVESTMENTS TO THE CUSTOMERS OF THE BANK WHO WOULD ALSO CONTRIBUTE TO POSITIVE CHANGES IN SOCIETY. WE ACKNOWLEDGE ECOMUDANÇA AS AN IMPORTANT PART IN THE HISTORY AND EVOLUTION OF THE MARKET OF RESPONSIBLE INVESTMENT FUNDS, AND THE PERFORMANCE OF EKOS AS THE MAIN RESPONSIBLE FOR THIS STRUCTURING. FOR MORE THAN A DECADE, EKOS HAS PERFORMED IN THE SELECTION OF ORGANIZATIONS THAT RECEIVED DONATIONS FROM ECOMUDANÇA AND CONTRIBUTED FOR THIS INITIATIVE TO BE SO RECOGNIZED SLL OVER THE MARKET. ECOMUDANÇA IMPACTED DOZENS OF ORGANIZATIONS WITH MORE THAN 70 PROJECTS FINANCED, MORE THAN 2034 FAMILIES BENEFITED, AND ABOUT 245 THOUSAND SEEDLINGS PLANTED. WE TAKE A LOT OF PRIDE IN BEING PART OF THAT STORY”

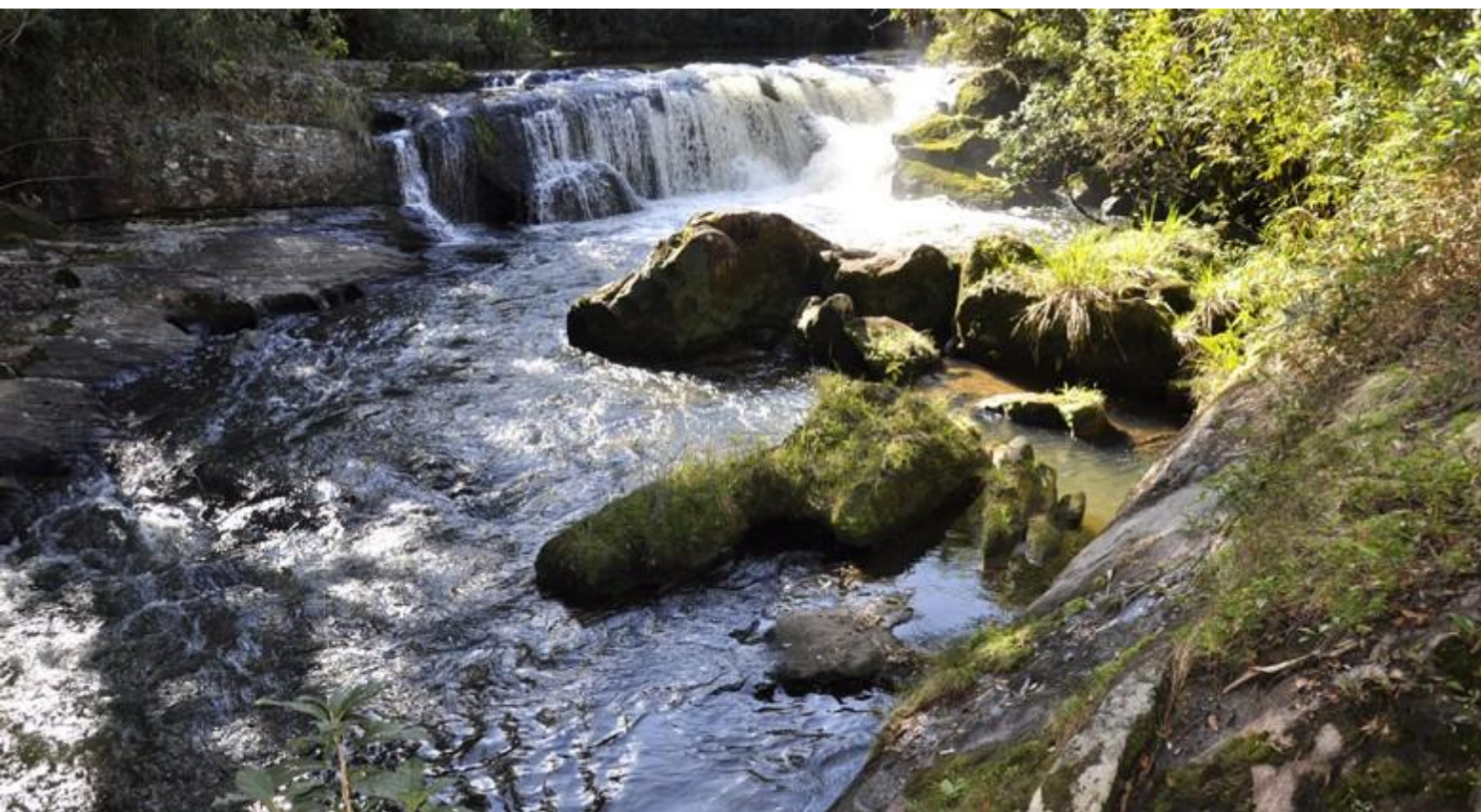
- FÁBIO GUIDO, SSUPERINTENDENT OF INSTITUTIONAL RELATIONS, SUSTAINABILITY AND INCLUSIVE BUSINESS - ITAÚ UNIBANCO.





# MONITORING AND MANAGEMENT OF IMPACTS OF VISITATION IN THE CONSERVATION UNITS OF THE STATE OF SÃO PAULO

*MATA ATLÂNTICA • 2009*



**THE PLAN OF MONITORING AND MANAGEMENT OF THE IMPACTS OF VISITATION** was prepared in the context of the Project for the Development of Ecotourism in the Atlantic Forest Region in the State of São Paulo, an initiative of the Government of the State of São Paulo, through the Secretary of State for Environment and a partnership with the IDB (Inter-American Development Bank), and in partnership with WWF – Brazil and the São Paulo Trails Program of the State Secretariat for the Environment.

The project “Plano de Monitoramento e Gestão dos Impactos da Visitação” [Plan of monitoring and management of the impacts of visitation] considered the trails and other attractions of the six State Parks covered by the Ecotourism Project in the Atlantic Forest: Carlos Botelho, Intervales, Turístico do Alto Ribeira - PETAR, Caverna do Diabo, Ilha do Cardoso, located in Vale do Ribeira and Alto Paranapanema, as well as Ilhabela in the North Coast.







# MANAGEMENT PLAN OF THE JURUPARÁ STATE PARK

*MATA ATLÂNTICA • 2009*

the conservation of this park is of major relevance, as it belongs to one of the largest Atlantic Forest corridors in the country, integrated to the Atlantic Forest Biosphere Reserve since 1991. Besides that, the area is an important shelter for springs and is inserted in the Ribeira de Iguape hydrographic basin, a sub-basin of the Alto Rio Juquiá. During the preparation works of the PEJU Management Plan, 68 species of fauna and flora threatened with extinction were found, in addition to 182 endemic species. Also, more than 300 new records of the occurrence of species were made in the area of the Park.

**“MAKING THE MANAGEMENT PLAN OF THE JURUPARÁ STATE PARK WAS A NICE CHALLENGE, FULL OF LEARNINGS AND STRATEGIES TO PUT THE CONSERVATION UNIT TO WORK AS SUCH. THE WORK WITH THE TEAM OF EKOS BRASIL INSTITUTE WAS A PARTNERSHIP, DEVELOPED TOGETHER WITH THE NUCLEUS OF MANAGEMENT PLANS OF THE FUNDAÇÃO FLORESTAL AND MANAGER OF THE UC.”**

- BRUNA PAQUINI, ARCADIS.



# PLANS OF SPELEOLOGICAL MANAGEMENT OF STATE PARKS INTERVALES, TURÍSTICO DO ALTORIBEIRA AND MOSAICO DE UCS DE JACUPIRANGA

VALE DO RIBEIRA • 2009

**THE PROJECT WAS CONSIDERED** an epic in the history of speleological exploration; there were 32 Management Plans for one of the most important Brazilian karst areas, with potential for international projection, located in a continuous area of the Atlantic Forest remnant in the state of São Paulo.

More than 30 km of underground galleries were mapped and identified as rich in biodiversity and speleological formations. The project contributed FOR the development of a methodology for the zoning of caves and the establishment of indicators for protection and responsible use.

Ekos coordinated the project and gathered more than 100 renowned technicians and scientists to simultaneously prepare the plans for the speleological management of the caves distributed in 4 State Parks managed by the Forest Foundation, (Intervales State Park, PETAR, Parque da Caverna do Diabo and Parque do Rio do Turvo).

*“A project for the sustainable planning of tourist use of caves, unprecedented worldwide. The challenge was to reconcile the several demands for conservation in an area that is recognizably fragile and important which, by the way, holds the seal of World Heritage Site by UNESCO. On the other hand, with a web of complex local social-environmental relationships, woven by the communities surrounding the Parks and other players involved with conservation and tourist use. I am absolutely certain that it was the most remarkable project in my professional trajectory and that there will be no other like it, the learning attained is unparalleled and the positive results, for conservation and sustainable use, have barely begun to be harvested yet, bringing good prospects for the future of the region.”*

– **HEROS LOBO**, PROF. PHD. DGTH/UFSCAR.







# MANAGEMENT PLAN MUNICIPAL NATURAL PARK NASCENTES DE PARANAPIACABA

*SERRA DO MAR • 2010 – 2011*

IN 2011, EKOS COMPLETED the Management Plan for the Nascentes de Paranapiacaba Municipal Park, a conservation unit with more than 400 hectares, adjacent to the Serra do Mar State Park, from where the waters of the Rio Grande flow, the main source of the Billings Dam that supplies part of the metropolitan region of São Paulo. The work was carried out for the Prefecture of Santo André, the administrator of the Park.

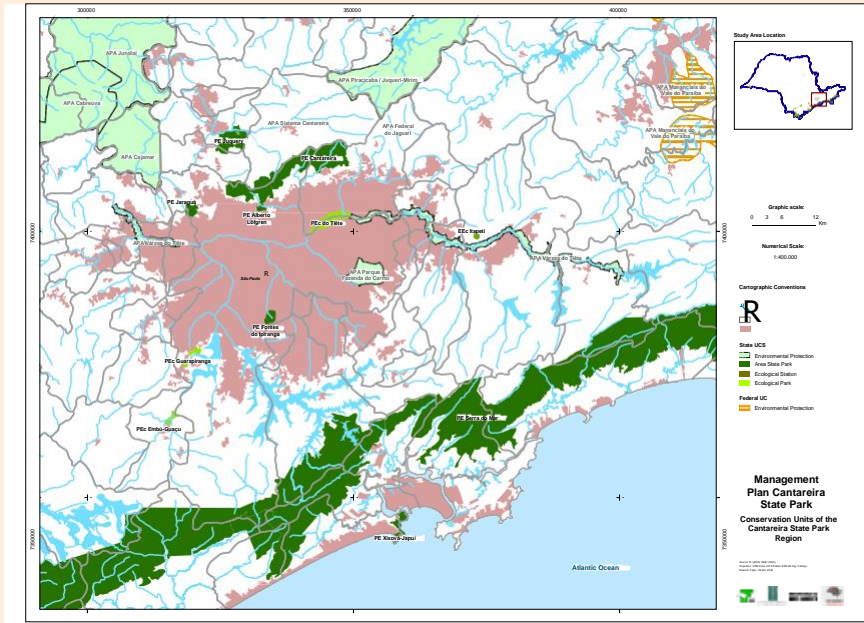
The Park is located 50 km away from São Paulo and involves the historic village of Paranapiacaba (the “place where one can see the sea”, in Tupi-Guarani).

The place is quite visited for its history and architecture, for the winter festivals held in July, for the ecotourism practiced in the park area, and for the famous fog.

To Ekos, this management plan consolidated the action of the Institute in the region, which encompasses the largest continuous preserved area of Atlantic Forest and adds to the contribution for the management of the Serra do Mar, Carlos Botelho, Intervales, Estadual Turístico do Alto Ribeira, Caverna do Diabo, and Rio Turvo.







*“I had the immense pleasure of working in partnership with the Ekos Institute in holding the Microalgae Seminars I (2011) and II (2013) (\*); these events brought together the great experts of the sector and were essential for the dissemination of important technology related to sustainability in the industrial and agricultural sectors. What caught my eye the most at the time – of course, apart from the ability of the Ekos Institutes to organize and mobilize – was the long-term vision that the Ekos Institute team demonstrated to have, whilst accepting the challenge of discussing technologies still under development, and unknown to the general public.” - SÉRGIO GOLDENBERG, CEO ALGAE BIOTECNOLOGIA LTDA.*

1<sup>st</sup> EDITION OF  
THE  
MICROALGAE  
SEMINAR  
2010

2<sup>nd</sup> EDITION OF  
THE  
MICROALGAE  
SEMINAR  
2013

2008

1<sup>st</sup> EDITION OF  
THE  
MICROALGAE  
SEMINAR



2009

2<sup>nd</sup> EDITION OF  
THE  
MICROALGAE  
SEMINAR

2010

MANAGEMENT  
PLAN FOR THE  
CANTAREIRA  
STATE PARK



2010

3<sup>rd</sup> EDITION OF  
THE  
MICROALGAE  
SEMINAR



2013

STUDY  
“RENEWABLE  
ENERGY IN  
BRAZIL  
IN 2050”

2015

PLANS  
OF  
MANAGEMENT  
OF CAMPOS  
DO JORDÃO  
STATE PARK  
AND  
MANANCIAIS  
DE CAMPOS  
DO JORDÃO  
STATE PARK



# STUDY HYDROGEOLOGICAL AND DELIMITATION OF THE ZONES OF REPLENISHMENT OF THE KARST SYSTEM OF THE JOÃO RODRIGUES RIVER BASIN SÃO DESIDÉRIO/ BA

*BAHIA • 2011*



SÃO DESIDÉRIO, A TYPICAL COUNTRY TOWN, is located on the border between the State of Bahia and Goiás, 874 km from Salvador and 572 km from Brasília. The economy of the municipality is based on agriculture, especially cotton plantations. Between 2011 and 2012, Bahia Mineração (BAMIN), in partnership with CECAV/ICMBio and Ekos Brasil, developed a study on the functioning of the João Rodrigues River karst system to delimit an area for the creation of a conservation unit in the region.



“THE SINGULARITY OF THE JOÃO RODRIGUES RIVER KARST SYSTEM IS OF INTERNATIONAL IMPORTANCE, ALTHOUGH THE REGION HAS NOT RECEIVED OFFICIAL RECOGNITION YET, EITHER BY THE ABSENCE OF A CONSERVATION UNIT COMPATIBLE WITH ITS REALITY AND BY NOT BEING DISCLOSED INTERNATIONALLY. THE PROCESS OF PARTICIPATION IN THIS PROJECT ALLOWED ME TO REFLECT ON HUMAN RELATIONS IN THE TERRITORY, THE CONFLICTS BETWEEN THE DEMANDS OF USE AND THE NEED FOR CONSERVATION AND HOW MUCH WE NEED TO ADVANCE TECHNICALLY IN BRAZIL ON THE FORMAL RECOGNITION OF PRIORITY AREAS FOR CONSERVATION.”

– HEROS LOBO, PROF. PHD. DGTH/UFSCAR.

“IT WAS A ON-OF-A-KIND AND CHALLENGING PROJECT, WHERE WE HAD THE OPPORTUNITY TO ESTABLISH THE CRITERIA FOR AREA DELIMITATION FOR THE CREATION OF A CONSERVATION UNIT IN THE REGION. THE INITIAL RESULTS, SUPPORTED ON THE LIMITS OF THE SÃO RODRIGUES RIVER BASIN, ENDED UP REVEALING AN IMPRACTICABLE AREA, WHICH INCLUDED, AMONG OTHER THINGS, TWO MUNICIPAL CAPITALS THAT WOULD HAVE TO BE RELOCATED. THE SOLUTION REQUIRED INNOVATIVE TECHNICAL SOLUTIONS FROM THE TEAM INVOLVED.”

- RICARDO FRAGA, GEOLOGIST, PHD, ASSOCIATE PROFESSOR - INSTITUTE OF GEOSCIENCES - IGEO.





# JUFARI PROJECT

*RIO NEGRO • 2011/2013*

**JUFARI IS AN AREA OF 40 THOUSAND HECTARES** with dense vegetation, located on the banks of the Rio Negro, 300 km northwest of Manaus, in the State of Amazonas. The area is fully registered in the official registry offices. The registration of the property dates from the beginning of the 20th century when the area was explored for the extraction of Brazil nuts. The only village present in the territory is Caicubi, whose 500 inhabitants live from fishing and hunting and maintain small plantations for their own sustenance. Access to the village is only possible via the Negro and Jufari rivers, after a long three-day boat trip from the “nearest” city, Manaus, 300km away.

The first scientific expedition to the region, organized in 2009, was dedicated to research activities in cooperation with Professor Niro Higuchi's group, from the National Institute for Research in the Amazon.

The objective was to inventory of the biomass and carbon stock of the area. A task force composed of members of Ekos, INPA and the local population carried out an accurate inventory of living biomass, aerial and underground, in 40 plots of ¼ hectare, totaling a total sampling area of 100,000 m2. The result of the measurements showed an average total carbon mass of 197.467 t.ha-1 (tons per hectare) accumulated in that portion of the forest, totaling 6 million tons of carbon accumulated in the 30 thousand hectares of the Research Base. In 2010 and 2011, two more expeditions were carried out, in which specimens of the local faunal biodiversity were collected in high and low seasons, then the samples were packaged and transported to the laboratories of the Museum of Zoology of USP.





“BIOLOGICAL INVENTORIES ARE KEY PIECES NOT ONLY FOR A BETTER UNDERSTANDING OF THE PATTERNS AND PROCESSES THAT SHAPED BIODIVERSITY IN THE NEOTROPICAL REGION. BESIDES THAT, KNOWING THE SPECIES OF A CERTAIN PLACE ALSO ALLOWS MANAGEMENT AND CONSERVATION ACTIONS TO BE BETTER GUIDED, WHILST OPTIMIZING EFFORTS AND HUMAN AND FINANCIAL RESOURCES. WITHIN THIS CONTEXT, WE PRAISE THE INITIATIVES OF THE EKOS BRASIL INSTITUTE, WHICH PROMOTED AND SUPPORTED THE INVENTORY WORK OF THE MUSEUM OF ZOOLOGY OF THE UNIVERSITY OF SÃO PAULO IN THE REGION OF THE JUFARI RIVER, IN RORAIMA. MORE THAN 600 SPECIES OF VERTEBRATES WERE REGISTERED, DEMONSTRATING A HIGH LEVEL OF RICHNESS, BESIDES AN EXCELLENT STATE OF CONSERVATION OF THE AREA.”

LUIS FÁBIO, HEAD OF THE SCIENTIFIC DIVISION | CURATOR OF ORNITHOLOGICAL COLLECTIONS - USP



# PLAN FOR THE MANAGEMENT OF THE NATIONAL FORESTS OF ITAITUBA I AND ITAITUBA II

*PARÁ • 2013*

the region of itaituba, in the state of Pará, where the National Forests (FLONAs) are located, is one of the most important in the Amazon, as it has great economic potential, a wealth of biological, cultural and ethnic diversity.

Through field diagnoses and meetings with the local community and the management body of the units, the Management Plan for the FLONAs of Itaituba had an ecosystemic approach for principle. Based on these studies, it was possible to develop a plan that is consistent and integrated with the complex reality in which the FLONAs are inserted.

The Management Plan for the FLONAs of Itaituba contributed to one of the first experiences in the country in the sustainable management of forests within Conservation Units, as a way of promoting local development coupled with the conservation of biodiversity.

The project was prepared by Ekos, the general coordinator of the project, in partnership with Idesam (Instituto de Conservação e Desenvolvimento Sustentável do Amazonas) [Institute of Conservation and Sustainable Development of Amazonas], with the assistance of ICMBio, the Brazilian Forest Service and resources from the IFC – World Bank.

"THE MANAGEMENT PLAN FOR THE FLONAS OF ITAITUBA I AND II WAS MY ENTRY DOOR TO EKOS. IT WAS MY FIRST PROJECT, AND IT COULDN'T HAVE BEEN BETTER! THE MANAGEMENT PLAN HAD A HUGE IMPORTANCE BECAUSE, IN ADDITION TO ICMBIO, THE BNDES AND THE IFC (FINANCER) MONITORED THE ACTIVITIES, SINCE THE PROJECT WAS THE FIRST STEP TO MAKE FLONAS SUITABLE FOR THE FOREST CONCESSION PROCESS. WE MADE TWO LONG EXPEDITIONS VISITING ALL THE COMMUNITIES INVOLVED WITH THE CONSERVATION UNITS, IN A VERY PARTICIPATORY PROCESS. WE CROSSED THE TRANSAMAZÔNICA, WE VISITED MINING SITES, RIVER-SIDE COMMUNITIES, WE SLEPT IN THE FOREST, PROTECTED BY THE NATIONAL GUARD...AND IN THE END, WE HAD A MANAGEMENT PLAN THAT WAS VERY WELL EVALUATED BY ALL INTERESTED PARTIES".

– CAMILA DINAT, EKOS BRASIL INSTITUTE.







# PUBLICATION INVENTORY OF ANTHROPOGENIC EMISSIONS AND REMOVALS GREENHOUSE GAS OF THE MUNICIPAL UNIT OF SÃO PAULO

*SÃO PAULO • 2012*

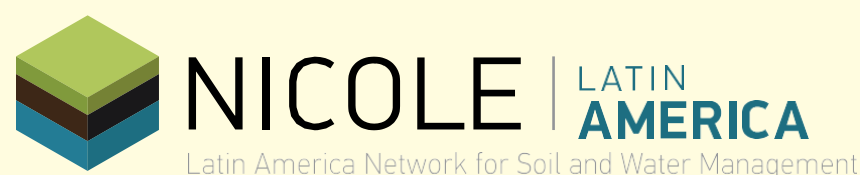
**IN 2012, EKOS PREPARED** the new inventory of anthropogenic emissions and removals of greenhouse gas in the Municipal Unit of São Paulo. The city had a goal for 2012 to reduce 30% of greenhouse gas emissions measured in the 2003 inventory. The inventory is part of the municipal policy to combat climate change and is important for the detailed knowledge of emission sources, their monitoring and the planning of policies to reduce municipal emissions of these gases and must be constantly updated.

The works were financed by the World Bank, in favor of the Secretariat of the Green of the Municipality of the Municipality of São Paulo; They also had the participation of Geoklock and professors from the Astronomical and Geophysical Institute and the Polytechnic School of USP.



# CREATION OF THE NETWORK NICOLE LATIN AMERICA

EKOS BRASIL • 2014



FROM A MEETING AT THE EKOS SEMINAR IN 2011, the idea of creating a networking network called NICOLE Brasil emerged. Inspired by NICOLE Europe, this Network was officially founded in 2014, and aims to offer industries a continuous consulting platform for sharing experiences, innovative ideas, strategies, technologies, etc.

In 2019, NICOLE Brazil became NICOLE Latin America, encompassing other countries in this so rich and complex a region.

**“THE EKOS INSTITUTE HAS BEEN AN ENVIRONMENTAL LEADER FOR 20 YEARS AND NICOLE LATIN AMERICA WAS FOUNDED IN PARTNERSHIP WITH THE INSTITUTE SEVEN YEARS AGO. WE ARE LUCKY TO HAVE SUCH A COMMITTED PARTNER AND WE LOOK FORWARD TO OUR NEXT 20 YEARS TOGETHER!”**

- JAMES HENDERSON, CORTEVA AGRISCIENCE.

Currently, Ekos performs the administration and economic management of NICOLE Latin America, whilst offering organizational support and impartiality.

*“The purpose is having more contact with the industries in order to help them in such complex matters, as the management of contaminated areas. We want to help them prevent damage.”*

- ANA MOERI, PRESIDENT DIRECTOR OF THE EKOS BRASIL INSTITUTE.

The Network has Working Groups, where representatives of Universities, Industries, Consultancies, and Government Authorities perform. The knowledge of the Network is shared through lectures, workshops, laboratories, presentation of studies, consultancy, etc. Any professional who participates in the management of contaminated areas can be part of the Network.

In addition to Brazil, NICOLE Latin America has performed in several countries such as: Peru, Belgium, Canada, and Argentina. In 2021, the Network has 20 active member companies.

**“WHEN I LOOK BACK TO THE FIRST DAYS OF NICOLE LATAM, I SEE A LOT OF ENTHUSIASM AND EXCITEMENT FROM A SMALL GROUP OF PEOPLE I WORKED WITH, AND VERY SOON AFTER A GROUP OF YOUNG PROFESSIONALS, SO DEDICATED AND HELPFUL, CONVINCED ABOUT THE BENEFITS SUCH A NETWORK WOULD BRING TO BRAZIL. BUT I ALSO REMEMBER MANY OTHER PEOPLE IN OUR PROFESSION WONDERING ABOUT THE MEANING OF ALL THIS AND WHY IT WAS NEEDED. WE HAD TO DEDICATE QUITE A LOT OF ENERGY TO CONVINCE THEM AND I BELIEVE WE DID! I ALSO SEE A LOT OF FUN WORKING WITH GREAT, NICE AND SMART PEOPLE IN BRAZIL AND IN OTHER LATAM COUNTRIES, ESPECIALLY ARGENTINA AND PERU, WHO BECAME FRIENDS, BRAINSTORMING AND EXPLORING NEW SOLUTIONS, SHARING LESSONS LEARNED, DEVELOPING BEST PRACTICES. I LEARNED A LOT, MET HUNDREDS OF PEOPLE, VISITED GREAT PLACES, WORKED ON REAL NICE PROJECTS, AND FEEL REALLY GOOD ABOUT MAKING A DIFFERENCE IN THIS CRAZY WORLD OF OURS. THANK YOU ALL!”**

- OLIVIER MAURER, GLOBAL MANAGER GOLDER ASSOCIATES.







2015

HOLDING OF THE SEMINAR ON THE MANAGEMENT OF SOLID WASTE

2016

PREPARATION OF MANAGEMENT PLANS FOR MARINE ENVIRONMENTAL PROTECTION AREAS OF THE NORTH, CENTER, AND SOUTH COAST AND OF THE AREAS OF RELEVANT ECOLOGICAL INTEREST OF SÃO SEBASTIÃO AND GUARÁS

2016

PREPARATION OF MANAGEMENT PLANS OF ENVIRONMENTAL PROTECTION AREA OF THE SERRA DO PALMITAL AND OF THE WILDLIFE REFUGE OF THE MATA DA REPRESA

2016

FOREST INVENTORY AND DIAGNOSIS OF THE CHESTNUT AND LATEX PRODUCTION CHAIN IN THE EXTRACTIVE RESERVE OF CAUTÁRIO RIVER /RO

*"My experience at the Cautário River Extractive Reserve was memorable because we had a great manager able to form a competent team and extract the best from us. Serious work, highly valued by the top management of Ekos. The very President came to visit us to supervise our fieldwork and to eat fish together at the end of the day. It was a magnificent pleasure to work for Ekos, both for the experience and for the certainty of delivering a quality product to the community."*  
– **DEBORAH GOLDENBERG**,  
CONSERVATION SPECIALIST (AMAZON) | WWF.

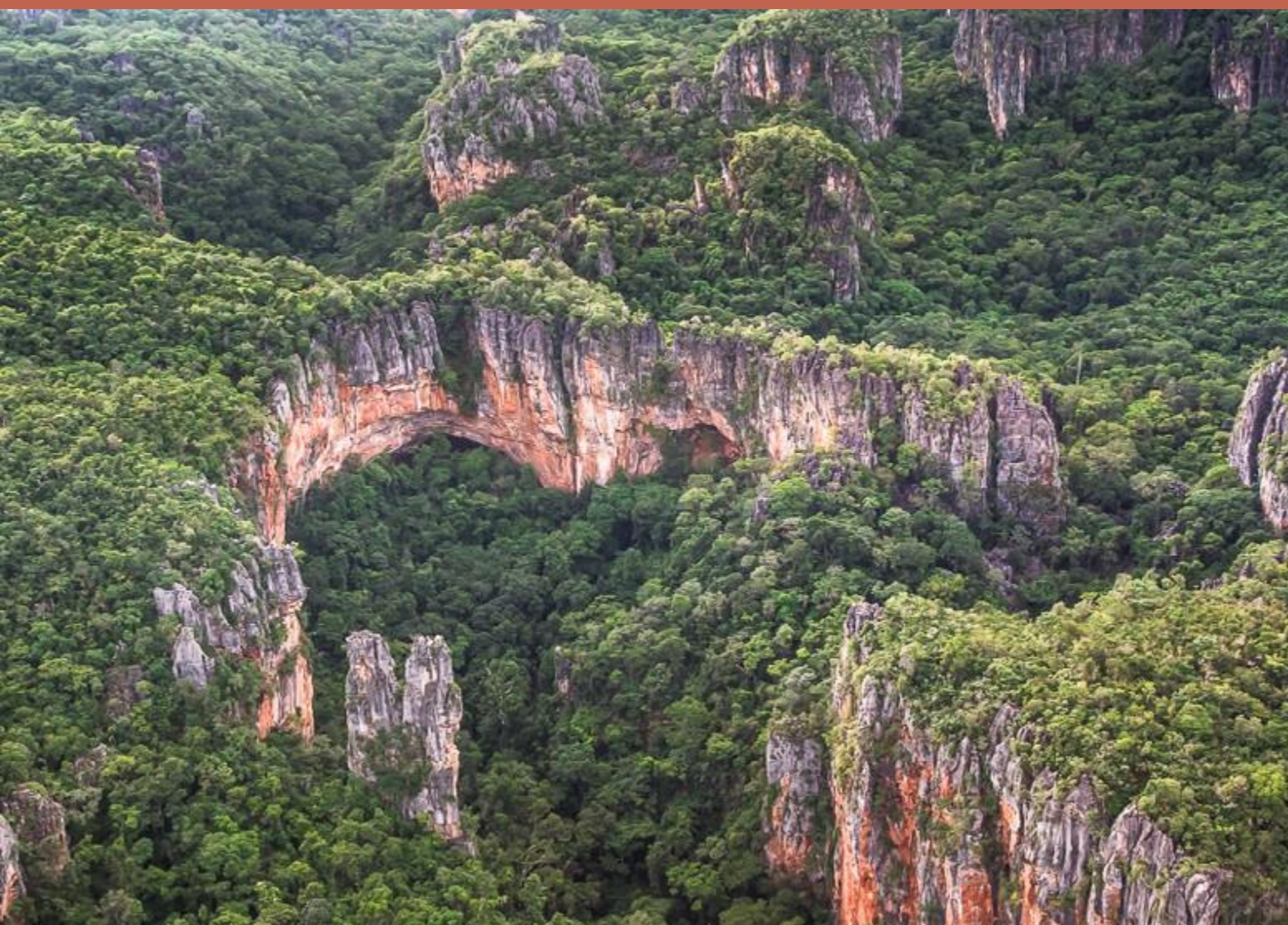
2017

TECHNICAL STUDY FOR DEFINITION OF THE BASELINE FOR THE MUNICIPAL PROTECTED AREAS PROJECT AND OTHER LOCAL CONSERVATION MEASURES



# AGREEMENT OF COOPERATION IN THE CAVERNAS DO PERUAÇU NATIONAL PARK

PERUAÇU • 2017



THE EKOS INSTITUTE IS SO PROUD and fond of this project that it decided to face yet another new challenge. In 2017, after winning a Public Notice, Ekos Brasil formalized a Cooperation Agreement with ICMBio (Chico Mendes Institute for Biodiversity Conservation), to take care of the management of the Cavernas do Peruaçu National Park.

This 5-year partnership is innovative, as it establishes a formal means that allows ICMBio to receive technical support and private donations.

To receive and manage these resources, Ekos created the "Peruaçu Fund". Any person, whether corporate or natural, from Brazil or abroad, may contribute with donations of any amount. Ekos also raises funds by selling calendars, t-shirts, and other gifts.



*"The Peruaçu Park caught the eye of the community of environmentalists and gave us visibility. We are currently a reference in this type of public-private cooperation project in parks. Professionals from the sector reach out to us to exchange experiences, as we have acquired a great amount of knowledge."* - MARIA CECILIA WEY DE BRITO, EKOS BRASIL INSTITUTIONAL RELATIONS.



*"I have had the opportunity of conducting the public call that resulted in the Cooperation Agreement between ICMBio and the Ekos Institute in actions to support the management of the Cavernas do Peruaçu National Park. That was our first call for this purpose within the novelties of partnership legislation and the Ekos Institute was patient and visionary in being with us through this journey. Many fruits for this important national park that has been achieving important conquests coupled with the support from the Ekos Institute. Congratulations!"*

- CARLA CRISTINA DE CASTRO GUAITANELE, HEAD OF THE NGI ICMBIO NORONHA.



The Peruaçu Fund does not intend to replace resources earmarked by the federal government for the maintenance of the national park, but to support activities for which governments do not have the resources or obligation to invest, or to accelerate the execution of those considered priority.

From 2017 to 2020, around 890 thousand reais were invested in various activities essential for the maintenance of the park, including: implementation of new trails, purchase of safety materials, maintenance and repair of building structures, preparation of publicity materials, training of guides, scheduling, and organization of visits, etc.

This type of investment is essential to offer the best possible experience to visitors and attract more tourists and researchers to one of the most beautiful parks in Brazil.

The preservation of this natural paradise is priceless! The Cavernas do Peruaçu National Park is located between the Cerrado and the Caatinga and has an exuberant beauty, with rich flora and fauna, besides walls, sinkholes, springs, and natural bridges. Another outstanding attraction are the magnificent caves with hundreds of rock paintings, present there for at least 12 thousand years.

In the Park, one may see paintings of rock art tradition called São Francisco, very colorful, with geometric, human, and animal figures.

*“Peruaçu still maintains numerous populations of rare and endangered species, especially those associated with the Dry Forests of the São Francisco River, such as the arapaçu-do-nordeste, o cara-dourada, o piolhinho-do-grotão e a maria-preta-do-nordeste. In addition, the region is currently the best place to observe the São Francisco nighthawk, a nocturnal species that only exists in the São Francisco River basin. There, one can also find species unique to the Caatinga, such as the bico-virado-da-caatinga, the joão-chique-chique, and the torom-do-nordeste.”*

- WAGNER NOGUEIRA, ORNITHOLOGIST.



## “OLHOU EM TORNO E FOI ALÉM DO PARQUE” [Looked around and ventured beyond the park] PROJECT

The Cavernas do Peruaçu National Park is located in one of the least developed regions of the State of Minas Gerais. The creation of the Park attracted tourists and created the possibility of a new source of income for the local population. With that in mind, Ekos has been promoting training workshops for artisans, entrepreneurs, and workers, who deal with the public, in hotels, inns, restaurants and stores. In these workshops, there is coverage of central topics, such as: Sustainable Tourism, Hospitality, Business Management, and Digital Marketing.

These socio-environmental projects strengthen the community's relationship with the Park and sustainable development in the region. The population begins to better understand the importance of preserving the Park and its surroundings, and to value their own traditional culture.

The region has enormous potential and the prospects for the development of local tourism are encouraging. In 2017, the Park received 6,865 people; in 2019, that number jumped to 9,337. Had it not been for the COVID-19 pandemic, most likely, in 2020, the number of tourists would continue to increase, however visits had to be interrupted from March to December and the Park received 1,242 visits. Ekos, with the support of other partners, also built a seedling nursery, which produces native seedlings for plant restoration, both within the Park and in the surroundings. In 2020 alone, there was the production of 1,598 seedlings, which are helping to recover the Peruaçu River basin.

Another concern of Ekos is to develop scientific research in the region. In 2019, the Institute held the 2<sup>nd</sup> Research Seminar of the Vale do Peruaçu, whose theme was: “Vegetation, Hydrology, and Archeology”.

These are just a few examples of socio-environmental projects carried out in the region. Ekos promotes new actions frequently, thanks to the support of partners and donations to the Peruaçu Fund







# INCUBATOR FOR THE CONSERVATION OF THE NATURE NATIONAL PARK CAVERNAS DO PERUAÇU

*PERUAÇU • 2017*



in 2017, the incubator for nature conservation project of the IUCN (International Union for the Conservation of Nature), the world's largest Biodiversity Conservation network, was launched, with the purpose of designing innovative solutions for the financial sustainability of Conservation Units. The project chose 10 Conservation Units around the world to provide technical expertise, guidance, advice, and resources to help make private finance initiatives for Conservation Units take off.

Ekos was one of the chosen, due to the Cooperation Agreement with ICMBio, to support the management of activities for public use in the Cavernas do Peruaçu National Park, and the Peruaçu Fund (PNCP). The result was the construction of new business models for the Park, which have the potential to leverage resources and provide services that ensure a pleasant experience for visitors of the Conservation Unit.



EKOS BRASIL  
INSTITUTE BECOMES  
A MEMBER OF THE  
INTERNATIONAL  
UNION FOR  
CONSERVATION  
OF NATURE (IUCN)

2017

PREPARATION  
OF THE STATE  
WILDLIFE  
REFUGE  
MANAGEMENT  
PLAN  
OF LAGOA DA  
TURFEIRA

2018

EKOS BRASIL SIGNS  
A LETTER AND  
SUPPORTS  
GUIDELINES FOR  
SOLUTIONS BASED  
ON NATURE

2020

EXECUTIVE PROJECTS FOR  
ENGINEERING AND  
INFRASTRUCTURE  
ARCHITECTURE OF THE  
SUSPENDED WALKWAYS OF  
THE TRAILS AND  
VISITATION AREAS OF THE  
LAGOA DA TURFEIRA STATE  
WILDLIFE REFUGE –  
REVISTUR

2020

EKOS BRASIL MEMBER  
OF THE BOARD  
OF THE SYSTEM OF  
INFORMATION AND  
MANAGEMENT OF  
PROTECTED AREAS AND  
OF ENVIRONMENTAL  
INTEREST OF THE STATE  
OF SÃO PAULO - SIGAP

2021

2018

ASSESSMENT OF  
FINANCING FLOWS,  
NEEDS AND GAPS IN THE  
MANAGEMENT OF  
BIODIVERSITY  
CONSERVATION AND  
ENVIRONMENTAL  
SERVICES AND  
FOR THE DEVELOPMENT OF A  
STRATEGY FOR MOBILIZING  
FINANCIAL RESOURCES FOR  
BIODIVERSITY - BIOFIN

2020

APPLICATION  
METT (MANAGEMENT  
EFFECTIVENESS  
TRACKING TOOL) IN  
THE STATE  
CONSERVATION UNITS  
OF MINAS GERAIS  
BELONGING TO THE  
SERTÃO VEREDAS  
PERUAÇU MOSAIC.

2021

EKOS BRASIL  
JOINS THE  
BRAZIL  
NETWORK OF  
THE GLOBAL  
PACT

2021

APPLICATION OF  
RAPPAM (RAPID  
ASSESSMENT AND  
PRIORIZATION OF  
PROTECTED AREA  
MANAGEMENT) IN  
CONSERVATION UNITS  
(FEDERAL, STATE AND  
MUNICIPAL) OF THE  
STATE OF TOCANTINS.



# CREATION OF THE COMMITMENT TO THE CLIMATE PROGRAM

EKOSBRASIL • 2017

**DEVELOPING BUSINESS MODELS** that regard the environment and provide improvements in society is no longer a matter of choice but of survival. It is a fact that national and international stakeholders already prefer to invest in companies that follow ESG (Environmental, Social, and Governance) standards, for considering the same more solid, competitive, and ready for the future.

*“We had an increase in the environment/climate agenda: we moved from the environment section to the economy section. The economics mainstream has entered the sustainability debate. Today, you see politicians, the Central Bank, CEOs of large companies and international investors pressuring Brazil for a new environmental policy. The deforestation of the Amazon, for example, is relevant for Brazilian international trade.”*

- DÉLCIO RODRIGUES, EXECUTIVE DIRECTOR OF THE CLIMAINFO INSTITUTE.

Accompanying this new scenario, in 2017, the Climate Commitment Program was created, a network that connects companies that want to support socio-environmental projects and foster a low-carbon economy. Ekos, with all its qualification, neutrality, and knowledge in the area, is responsible for the technical and operational support of this Program, which helps companies to put effective work plans into practice.

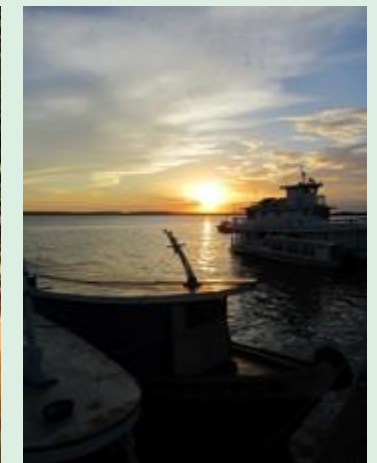
More often than not, companies want to make more informed decisions, but don't know where to start. Ekos' job is precisely to connect these companies with socio-environmental project developers and help them choose the ideal project.

Participating in the Climate Commitment Program brings several benefits about, as companies feel more secure in investing in projects approved by an Institute formed by specialists on the subject. In addition, there are economic advantages, as project expenses are shared among Program participants.

Little by little, it is perceived that companies that do not meet the new demands of society will be replaced. Through the Climate Commitment Program, Ekos encourages companies to think creatively.

The numbers are impressive, currently ten large companies participate in the Program, 2.7 million tCO<sub>2</sub> were no longer emitted, 195 million KG of waste were used and more than 22 thousand hectares of forest were preserved.

Working in the area of Impact and Climate Change, Ekos collaborates to achieve items 7- Affordable and Clean Energy, 11- Sustainable Cities and Communities and 13- Combating Climate Change of the UN Sustainable Development Goals (SDGs).



**“THE IDEA OF HAVING A NETWORK OF COMPANIES COMMITTED TO THE THEME OF CLIMATE CHANGE CAME UP ON THE EVE OF PARIS COP21 AND FINALLY MATERIALIZED TWO YEARS LATER IN 2017. AN IDEA THAT STARTED WITH THE INVITATION OF NATURA AND THAT ITAÚ-UNIBANCO AGREED TO BE A PARTNER AND INTRODUCED US THE EKOS BRASIL INSTITUTE. THE PLATFORM LAUNCHING EVENT IS VERY SPECIAL TO ME BECAUSE IT WAS WHEN MY SECOND CHILD DYLAN WAS BORN. HAPPY TO SEE THE GROWTH OF MEMBERS OF THE PLATFORM**

**IN THE PAST 4 YEARS” - KEYVAN MACEDO, NATURA & CO.**



# START OF PARTNERSHIP WITH THE RENOVA FOUNDATION

M A R I A N A / M G • 2 0 1 8

**THE RENOVA FOUNDATION WAS CREATED IN 2016**, after the collapse of the Fundão Dam, in Mariana-MG, with the aim of carrying out repairs and compensation for the damage caused by the disaster.

In 2018, Ekos responded to a call from the Renova Foundation to carry out studies to identify and measure potential physical, biological and socio-environmental impacts caused by tailings sludge. Ekos evaluated six conservation units, located between the municipalities of Governador Valadares (MG) and Linhares (ES).

*"I have been collaborating with the Ekos Institute since 2018, when I was invited to join the team that would carry out the Impact Assessment of the Fundão Dam collapse, in Mariana, on six Conservation Units in the Middle and Lower Rio Doce. Since then, I have contributed to the Ekos Institute with my knowledge about the ecology and conservation of aquatic ecosystems.*

*Among the privileges, I have had very fruitful interactions with both the project managers and support professionals, as well as the excellent specialists who made up the work teams. I cannot fail to mention that, at all times, the Ekos Institute respected and valued the conclusions of the team's experts. I consider that fundamental since my greatest asset as a scientist is my credibility.*

*Very importantly, the quality of the work of Ekos Institute was recognized by actors in diametrically opposed positions in the scenario of the*

*Rio Doce disaster. This recognition paved the way for the Ekos Institute to be invited to also work on the review of programs for sampling the quality of water, sediment and biodiversity in the Rio Doce Basin and coastal zone."*

- **LUIS SCHIESARI**, ASSOCIATE PROFESSOR ENVIRONMENTAL MANAGEMENT, SCHOOL OF ARTS, SCIENCES AND HUMANITIES - USP.

The project brought, in addition to the specific information required by the contract, an innovative assessment methodology, through a conceptual map model, which allowed a better understanding of the chain of impacts caused by this type of event.

*"Ekos Brasil has deep knowledge in projects related to conservation units and we are immensely proud of being able to contribute with technical and scientific knowledge. We have assembled a highly qualified team for this relevant project."* - **ANA MOERI**, PRESIDENT DIRECTOR OF THE EKOS BRASIL INSTITUTE.

The Ekos Institute is already a reference in management projects and is now also developing its reputation in project management.

*"In 2018, the Ekos Institute started working on projects in the Doce River basin, contributing to the environmental recovery of the basin after the Fundão dam collapse. For these projects,*

*through 20 years of experience with biodiversity conservation, Ekos has assembled and coordinates an impartial team of well-known experts, committed to devising technical solutions to environmental challenges in disasters of such magnitude. In addition to the real contribution to the Doce basin, I see that we were able to accumulate new experiences in the area of impact assessment and monitoring of biodiversity and establish new valuable and lasting partnerships."*

- **MARINA TIENGO**, EKOS BRASIL INSTITUTE.

The project brought, in addition to the specific information required by the contract, an innovative assessment methodology, through a conceptual map model, which allowed a better understanding of the chain of impacts caused by this type of event.

The Ekos Institute is already a reference in management projects and is now also developing its reputation in project management.

In 2019, Ekos was again selected to work with the Renova Foundation, this time to provide the Technical Advisory service to the Social and Environmental Management. The Ekos team became part of a Core of Specialists who contribute to the technical decisions of the project.

*"Ekos Institute 20 years! What an honor to be part of this story! A story focused on the knowledge and defense of Biodiversity and the environment. That was the objective that led me to participate in Renova's socio-environmental advisory and management group, involving the work carried out in the Rio Doce Basin, in the face of the disaster that occurred when the Fundão dam collapsed. This advisory project has been successfully carried out by the Ekos team together with specialists from the most diverse areas, which has prioritized the quality of the most diverse parties involved, enabling the delivery of excellent works to the Renova Foundation in the most diverse fields of activity. On this occasion, I congratulate the Ekos Institute and wish it to perpetuate its work as it has always done!"*

- **JURACI ALVES**, FEDERAL UNIVERSITY OF VIÇOSA





# LAUNCH OF BIODIVERSOS

BIODIVERSITY • 2021

*“The BioDiversos project was created to disseminate to the general public, in simple language, the importance of Biodiversity in our daily lives. In 2020, when the 15th Conference of the Parties (COP) of the UN Convention on Biological Diversity was to be held, we brought testimonials from professionals from various thematic areas who had biodiversity as the source and inspiration for their projects or products. There was participation of: the Architect, Carlos Mota; the Chef, Alex Atala;*

*the Researcher of Wild Diseases, Marcia Chame; the Scientific Divulgator, Nurit Bensusan; the Fauna Researcher, Patricia Medici; the Archer, Daniel Lombardi; the Producer of Distilled Beverages, Felipe Januzi; the Oceanographer, Alexander Turra, and the Indigenist, Sydney Possuelo. All videos are available for free on YouTube from Ekos Brasil Institute, with English subtitles.”*  
- **MARIA CECILIA WEY DE BRITO**, EKOS BRASIL INSTITUTIONAL RELATIONS.



# ACCELERATING THE SUSTAINABLE TOURISM IN THE PERUAÇU VALLEY

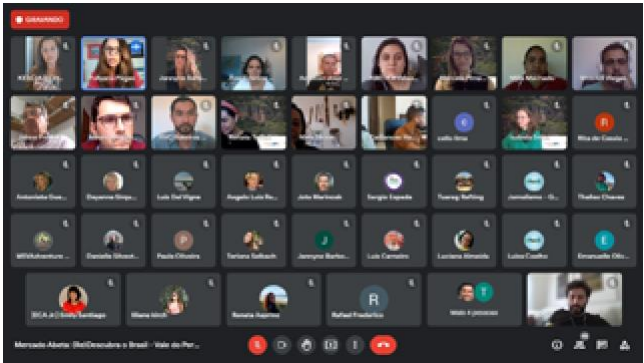
## CEPF

*PERUAÇU • 2021*

THE PROJECT “ACELERANDO O TURISMO SUSTENTÁVEL NO VALE DO PERUAÇU”, [accelerating sustainable tourism in the Peruaçu valley], was an initiative of the Ekos Brasil Institute in partnership with the Critical Ecosystem Partnership Fund (CEPF). objective to develop, strengthen and accelerate sustainable tourism in the Vale do Rio Peruaçu region (APA and PARNA Cavernas do Peruaçu), through the qualification of technical and management skills of local community organizations, as a way of promoting employment , income, enhancement of environmental attributes and conservation of biodiversity.

### GOALS

1. TRAINING AND ENGAGEMENT OF LOCAL ACTORS LINKED TO SUSTAINABLE TOURISM
2. DISCLOSURE OF THE TOURIST DESTINATION - VALE DO PERUAÇU
3. STIMULUS TO VISITING REGIONAL CONSERVATION UNITS
4. STRENGTHENING LOCAL ENTERPRISES, NETWORKS, AND ORGANIZATIONS CONNECTED TO SUSTAINABLE TOURISM
5. INTERLOCUTION BETWEEN LOCAL ACTORS AND INITIATIVES FOR SUPPORTING SUSTAINABLE TOURISM





# PROJECT CONNECTING STORIES IN PERUAÇU

*PERUAÇU • 2021*



IN 2021, EKOS HAD ITS FIRST EXPERIENCE with the crowdfunding modality, to enable the project “Connecting Stories in Peruaçu”. After winning the public call promoted by BNDES, Sitawi, and Benfeitoria, the project team participated in training on fundraising strategies, dissemination and mobilization of the network of contacts. In one month of campaign, Ekos mobilized 201 supporters and raised more than BRL 81,000, exceeding the goal set for the project by 8%.

The project aimed to provide training workshops, through audiovisual resources, to the youth of the communities surrounding Peruaçu. In addition to the technical part, the young people participated in

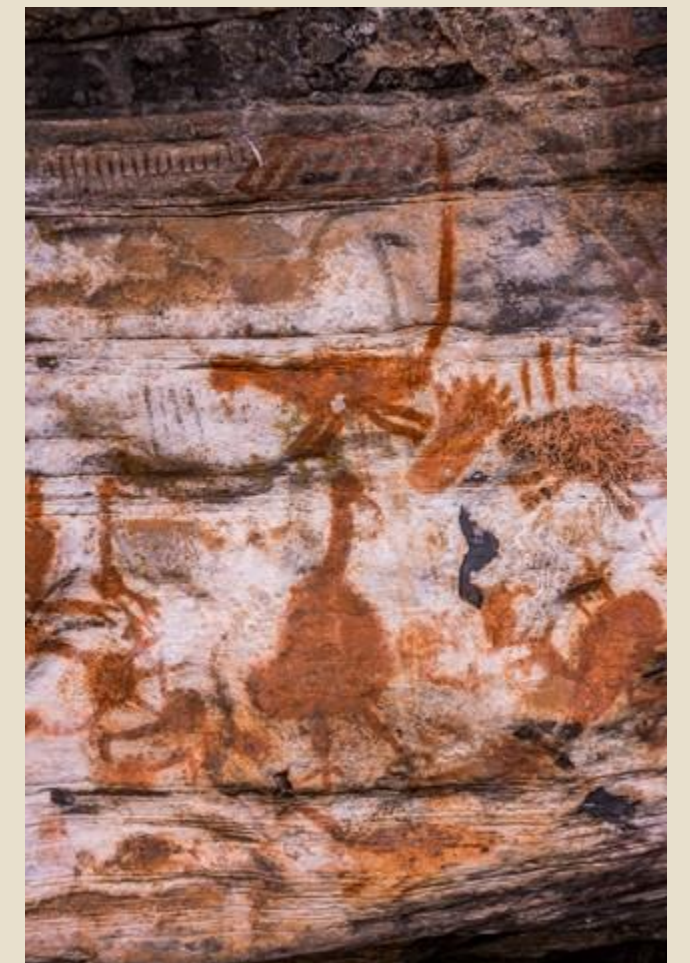
lectures with specialists, guides and local residents, about cave paintings, caves and their geological formations. Besides that, they learned about the importance of conserving biodiversity for the environment and the social context of the region.

These activities brought knowledge to the local youth, who can now tell the stories about Peruaçu and its natural and cultural wealth to other young students and future generations.

The videos produced are available on social networks, as are the workshops, which can be shared with other schools, thus favoring the development and dissemination of the project in other regions of the country.

“CERTAINLY, THE BIGGEST CHALLENGE OF THE RAISING PHASE WAS MOBILIZING OUR CONTACT NETWORK TO GET SUPPORTERS. I REMEMBER THE JOY WE FELT EACH TIME A NEW CONTRIBUTION ENTERED. BUT MOST AMAZING WAS TO SEE THE DEDICATION AND COMMITMENT OF THE EKOS TEAM TO GET ENOUGH COLLABORATORS TO ACHIEVE OUR GOAL. WITH THIS PROJECT, WE COULD SEE THE SCOPE AND RECOGNITION OF OUR WORK. IT WAS VERY GRATIFYING TO BE ABLE TO LEAD THIS INITIATIVE! THIS ACTION AWAKENS, IN THE YOUNG, A FEELING OF BELONGING, RECOGNITION, AND VALUATION OF THE NATURAL AND CULTURAL RICHES OF THE REGION. THIS DIRECTLY CONTRIBUTES TO THE PRESERVATION OF THIS HERITAGE AS RICH AND IMPORTANT AS THE CAVERNAS DO PERUAÇU NATIONAL PARK. IN ADDITION, THE RELEASE OF THESE MATERIALS BREAKS THE DISTANCE BARRIER AND MAKES THE BEAUTY AND CAPTIVATING STORIES OF THIS REGION ACCESSIBLE TO ANYONE.”

- JÉSSICA FERNANDES, EKOS BRASIL INSTITUTE.





# EKOSBRASIL



“

**CAMILA DINAT**

*“I have been part of the Ekos team since 2013. In all these years, I had the opportunity to grow and evolve together with Ekos. I lived a trajectory full of opportunities and challenges, where the maturity level of the organization and the team were fundamental for overcoming adversities. And where each achievement was also celebrated with great happiness! At Ekos I really like the little joys of the day to day, in which we cultivate a lot of cooperation and reap incredible results. May 20 more years come!”*

**IAGO PANIZA RANGEL**

*“It is always risky to try to summarize years of experiences, coexistence, and learning in a few sentences. In these last five years and in two different periods, Ekos Brasil Institute has always posed to me as a welcoming environment, where newcomers, or returnees, feel like they've always been there. Every year, Ekos Brasil Institute enhances its history and those who are part of it, with a deep sense of collectivity.”*

**ANTONIO CARLOS RIBEIRO (TONINHO)**

*“Working at the Ekos Institute is a huge pleasure, even more so working in the Cavernas do Peruaçu National Park, which for me is the most beautiful place in the world. It is a pleasure to be part of this group, which welcomed me with open arms. It was here that I was able to wake up and realize that I can go beyond and where I became a better person, both in my personal and professional life. Today, I have a different view on things. I learned a lot from these people who always encouraged me to try things and never give up. The learning I have today about units of conservation, was the Ekos Brasil Institute that provided to me. To work in a native seedling nursery was and will always be a legacy that I will take with me for my life, an arduous struggle, but which in the end will be satisfactory, as I contributed to recovering degraded areas. In a few years, people will look at a tree in Peruaçu Park and say - Look what a beautiful tree - then I will be able to say that I was part of this work to recover degraded areas, through the Ekos Institute.”*

**JÉSSICA FERNANDES**

*“I joined the Ekos Institute as an intern in 2015 and looking back i was old like I evolved professionally and personally here. I had the opportunity to participate transformative projects, discovering places and amazing people and it changed my life. Here we live in constant and good-natured fight back to Brazil (and or world) an environmentally and socially better. I just have to thank Ekos team for accreditation in me and for doing make our work environment a light place, pleasant and full of love and hope.”*

**LUCIANA FERREIRA**

*“I have been working at the Ekos Brasil Institute for more than 2 years and every day generate a new learning. I'm immensely proud to say that I am part of such a team ethical, dedicated, collaborative and visionary regarding socio-environmental issues, and always ready to accept new challenges. The achievements of these 20 years are a reflection of that integrity and commitment. I hope not just for Ekos to keep growing and conquering new success stories, as well as that these lessons and positive examples follow me along throughout my career in the medium sector environment.”*

**MARIA CECILIA WEY DE BRITO**

*“I have known Ekos since 2007, when Forestry Institute of the government of SP that I directed hired the drafting services of the State Park Management Plan da Serra do Mar. Only in 2016, I returned to Ekos, looking for an organization that you would like to put up a project that materialize the newly approved rule Native Vegetation Conservation Law (Forest Code), to compensate for deficits in Legal Reserve in Conservation Units. This idea did not take off, but it was the key to I begin to live and work with the Ekos people, then – Camila, Ricardo, Jessica and Ernesto. Loguinho we won a great Public Notice and from this project it only grew my relationship with Ekos, who today is visceral. I can say that what else I admire the people who are in our organization, those who stayed for a brief time and those who “hold the fireworks” on a daily basis. Today, I feel that after many “lives” professionals I'm in the right place. One courageous, fun, light organization, committed and very capable!”*

”



## MARINA TIENGO

*"I started working at Ekos in October 2018 and since then I have grown and learned a lot! Ekos allowed me to deepen my work as an environmental manager and to work on what I like and believe in: environmental conservation and building a better society. To work at Ekos is being able to count on a serious, committed team that discusses and solves challenges together; but, also, cheerful and fun, who likes to be together; it's being able to build partnerships and work on projects that make a difference. May we have many other transformative works ahead!"*



## SUE ANN GALRÃO

*"I saw EKOS born when I was working at Geoklock, so I have a deep affection and admiration to see where it arrived. Later, I had the privilege of photographing the Peruaçu Park and from there I found myself within the ideals of Ekos. I am currently working in finance and it has been a great learning experience for me. Yes, top me, Ekos is a school where I am always learning and having the honor to be a part of."*

## CHRISTIAN DOBEREINER

*"I am immensely proud to follow the team that led the transformation of the Instituto Ekos, with great professionalism and enthusiasm until becoming a world reference in promoting sustainability."*

## MURILO MENDES

*"For me, to work at the Ekos Institute is a great satisfaction. I feel privileged. And, what made me and still makes me admire Ekos Brasil Institute, with all its team, is the commitment, responsibility and especially the confidence to believe in the potential of each one, a chain that is complete to make it happen and seriously honor our commitments. Gratitude summarizes my feeling. For both personal and professional growth, an honor can be part of this story that has been built over these 20 years. Congratulations, Ekos Brasil Institute."*

## JAIME OHATA

*"I feel fulfilled and proud to be part of this 20-year trajectory of Ekos Brasil, which stands out in the promotion of knowledge of sustainable practices and in the management of socio-environmental projects"*

## CRISTINA SANCINI

*EKOS 20 years! Congratulations! Interesting and challenging projects contributed to the Institute's learning, competence and purpose, dedicated to such an important area for the society! Much pride in being part of this history since the foundation, along with its creator, Ernesto Moeri*

## YASMIN VILA NOVA MASCARENHAS

*I have been working at Ekos for a few months, but I've already learned and learn a lot every day. It is a very cozy and light living environment. Everyone cheers with each small achievement, with each small step taken. I am incredibly grateful for being able to be part of this team and of an institution that values the environmental and socio-environmental issues with so much professionalism and commitment! Congratulations, Ekos!*

## SONIA FAVARETTO

*"Being a counselor at Ekos Brasil is a continuous learning experience. I learn with the excellence of the projects, with the sparkle in the eyes and the passion of the team, with the dreams that permeate all actions, with the results that have been transforming realities for 20 years. May the next chapters of this beautiful story come."*

## DANIELLY MELLO FREIRE

*"My meeting with Ekos took place in 2018 when I needed a partner to develop a mitigation project and climate adaptation in the Latin America, in line with the roadmap for company sustainability. Readily Ekos sent the job proposal and for two consecutive years it was possible we win funding from the foundation company's global footprint and contribute it to the Park Peruaçu National. project which was even globally recognized for its importance facing the solution to the effects of the climate crisis. Since then, I have one relationship of admiration and trust with the Ekos and, now being able to be part of the team of great experts in the field of impact socio-environmental is very gratifying and rewarding."*



# EKOS BRASIL TEAM



**Ekos Brasil team, from left to right:** Iago Paniza Rangel, Jéssica Fernandes, Maria Cecilia Wey de Brito, Cristina Sancini, Marina Tiengo, Talía Bonfante, Ana Cristina Moeri, Luciana Ferreira, Danielly Mello Freire, Camila Dinat, and Yasmin Vila Nova Mascarenhas.



# WE ARE READY FOR THE NEXT 20 YEARS!

*by*

*ANA CRISTINA MOERI*

*Director President of the Ekos Brasil Institute*

*PHOTO: ERNESTO MOERI  
SERADO AMOLAR - PANTANAL/MS*

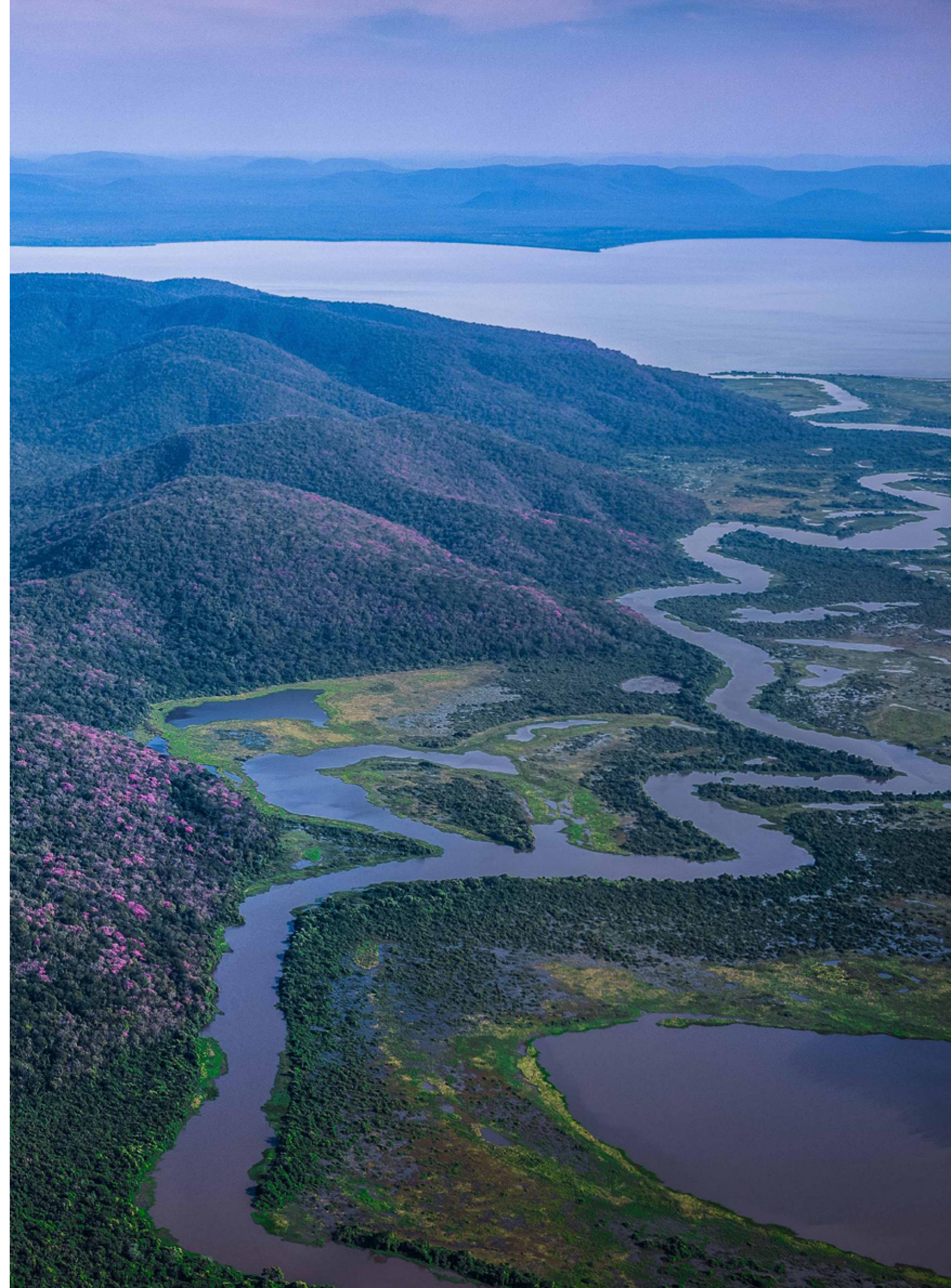
**FORTUNATELY, IN THESE LATE YEARS,** the concept of sustainability has evolved a lot in Brazil. Ekos closely followed this new scenario and contributed to these changes taking place in the country. We did everything: we were pioneers in the elaboration of management plans, a platform to compensate for greenhouse gases, life cycle analysis and in the organization of events to promote innovative solutions in the area of remediation of contaminated areas.

It is not possible to quantify the positive impact of these actions and projects on society, but we are recognized by our partners and customers, who ensure the quality of our work and guide us into the future.

I followed Ekos as an employee from the second half of these 20 years of history, but as the founder's daughter I have followed this path since the beginning. My father saw Ekos as an opportunity to make a big dream come true; to develop an institution whose ideal was to promote sustainability and preserve the biodiversity of Brazil, the country he loved so much and where he chose to live.

What excites me the most is the enthusiasm and sparkle in the eyes of each member of our team. It's amazing to work with people who have chosen to "do good" as their life's mission. "The important thing is to enjoy work" – I always heard that from my father. As much as the challenges have increased year after year, I can see that the team has always managed to maintain the courage, lightness and good mood. And look, the challenges were not few. For the next 20 years, the focus is to keep Ekos a successful institution, always offering a pleasant and sustainable work environment to our employees. After all, they are our organization's most significant resource. We hope that new interesting and challenging projects will appear, so that Ekos continues to contribute with technical knowledge, sharing of experiences and innovative solutions.

May the next 20 come! ∞







# EKOS BRASIL

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