

Ernesto Bastos Viveiros de Castro

General Data

Name Ernesto Bastos Viveiros de Castro
Gender Male
Date, city and country of birth 25/03/1977 – Saint Denis, France
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Education

2019 – present

PhD Student in Interdisciplinary Ecology
School of Natural Resources and Environment - University of Florida, Gainesville, FL

2000 – 2002

MSc Ecology.
Federal University of Rio de Janeiro, UFRJ, Rio de Janeiro, Brazil
Title: Determinants of differential extinction vulnerabilities and order of species loss of small mammals in a fragmented Atlantic Forest landscape Supervisor: Fernando Fernandez

1995-1999

BSc Biological Sciences
Federal University of Rio de Janeiro, UFRJ, Rio de Janeiro, Brazil

Complementary professional courses

2011

International Seminar of Protected Area Management
University of Montana, USA (120h)

2008

Law Enforcement and Ranger formation (126h).
Chico Mendes Institute for the Conservation of Biodiversity -ICMbio, Brazil.

2004

Environmental analyst formation (136h)
University of Brasilia – UnB - and Brazilian Environmental Institute, IBAMA, Brazil

Languages

English	Read fluently	Write fluently	Speak average	Understand fluently
Spanish	Read fluently	Write fluently	Speak fluently	Understand fluently
French	Read average	Write average	Speak average	Understand average
Portuguese	Read fluently	Write fluently	Speak fluently	Understand fluently

Employment

1. Chico Mendes Institute for the Conservation of Biodiversity -ICMbio

September 2007 – Present
Transferred from IBAMA due to the creation of this new governmental agency.
Public Servant, Environmental Analyst
Fulltime position

Activities

2012 – 2018

Superintendent of Tijuca National Park

Involves planning and supervising all National Park activities, such as visitor management, concessions, control of invasive species, environmental education, scientific research management, law enforcement, relationship with neighboring communities; and the presidency of consultative council.
Staff – 186 employees

2011 – 2012

General Coordinator of Visitor Management

Involves planning and supervising visitor management strategies and activities for all 310 Brazilian Federal Protected Areas, including 68 National Parks and other categories. Activities involve evaluation of visitors activities potential, development of methodologies for environmental interpretation, management of visitation support services operated by concessionaires, among others. Beyond visitor management my coordination deals with payment for environmental services, forest exploration management and REDD.

2007 – 2011

Superintendent of Serra dos Órgãos National Park

Involves planning and supervising all National Park activities, such as visitor management, environmental education, scientific research management, control of nonnative and invasive species, law enforcement, relationship with neighboring communities; coordination of management plan production; and the presidency of consultative council.
Staff – 129 employees

2. Brazilian Environmental Institute - IBAMA

November 2002 – September 2007
Public Servant, Environmental Analyst
Fulltime position

Activities

08/2004-2007

Serra dos Órgãos National Park Superintendent

Same job as in ICMBio (above)

09/2003 – 08/2004

Regional Technical Director (Rio de Janeiro)

Involved coordination of analysis environmental impact assessment studies and statements in Rio de Janeiro, supervising environmental education actions, and coordinate relationships between federal protected areas.

3. Environmental Commission of Rio de Janeiro State Legislative Assembly

May – November 2002
Public Servant, Biologist
Temporary position

Involved proposal and analysis of new environmental Law projects; evaluation of environmental problems in Rio de Janeiro State; organization of seminars and public meetings about environmental questions, among others activities.

4. NGO Conhecer para Conservar

March 1999 – November 2002
Executive Director

Involved planning and coordination of projects developed by the NGO, such as mangrove recovering in Guanabara Bay; Environmental education in poor communities; recycling projects; and environmental public campaigns, among other activities.

Significant publications

Papers

VIVEIROS DE CASTRO, E. B. 2018. 'Changing a Brazilian Protected Areas Paradigm: Why Public Use is

Not Just Optional', *Journal of Park and Recreation Administration*, 36, pp. 129–140. doi: 10.18666/jpra-2018-v36-i3-8409.

VIVEIROS DE CASTRO, E.B., Souza, T.V.S.B. & Thapa, B. 2015. Determinants of Tourism Attractiveness in National Parks of Brazil. *PARKS. The International Journal of Protected Areas and Conservation*, Volume 21.2 p. 51-61.

Cronemberger, C.; **VIVEIROS DE CASTRO, E. B.** 2015. Envolvendo a comunidade científica na gestão do Parque Nacional da Serra dos Órgãos. *Biodiversidade Brasileira*, v. 5, p. 4-20.

VIVEIROS DE CASTRO, E. B.; Fernandez, F.A.S. 2004. Determinants of differential extinction vulnerabilities of small mammals in Atlantic forest fragments in Brazil. *Biological Conservation*, v. 119, p. 73-80.

VIVEIROS DE CASTRO, E. B. ; Coutinho, B. H. ; Oswaldo-cruz, J. C. ; Brasil, F. N. S. ; Freitas, L. E. ; Meier, G. 2008. Ampliando a escala de conservação: avaliação de áreas potenciais e proposta de ampliação do parque nacional da serra dos órgãos, RJ. *Espaço e Geografia (UnB)*, v. 11, p. 115-145.

Books

Cronemberger, C.; **VIVEIROS DE CASTRO, E. B.** (Orgs.) 2007. *Ciência e Conservação na Serra dos Órgãos*. 1. ed. Brasília: Edições Ibama, v. 1. 298 p.

Neto, W.G.O.; **VIVEIROS DE CASTRO, E.B.**. 2009. *Parque Nacional da Serra dos Órgãos: guia de trilhas, cachoeiras e montanhas*. 1 ed. Petrópolis, RJ; 256 p.

Book Chapters

VIVEIROS DE CASTRO, E.B.; Lanna, A.M.; Lobo, A.C.; Feliciani, F.; Bradford, R.B.; Nascimento, J.L.; Grelle, C.E.V. (in press). The Atlantic Forest Trail: reconnecting people, biodiversity and protected areas. In: M.C.M and Grelle, C.E.V. (eds.). *The Atlantic Forest: biodiversity, threats and solutions of the megadiverse forest*. Springer. Cham, Switzerland.

Souza, T.B.; Thapa, B.; **VIVEIROS DE CASTRO, E. B.** Tourism Attractiveness Index of Protected Areas of Brazil. In: Cunha, AA; Magro-Lindenkamp, TC; McCool, SF. (Org.). *Tourism and Protected Areas in Brazil: Challenges and Perspectives*. 1ed. New York: Nova Science Publishers, 2018, v. 1, p. 67-98.

Correa, F. V.; Mussi, S.; Irving, M. A.; **VIVEIROS DE CASTRO, E. B.** 2013. O Parque Nacional da Serra dos Órgãos: Caminhos nas montanhas. In: IRVING, MA; CORRÊA, FV; ZARATTINI, AC. (Org.). *Parques Nacionais do Rio de Janeiro: desafios para uma gestão social da biodiversidade*. Rio de Janeiro: Folio Digital: Letra e Imagem, p. 109-148.

Cronemberger, C.; **VIVEIROS DE CASTRO, E. B.** The contribution of Serra dos Órgãos National Park to Biodiversity Conservation. In: Gaese, H; Albino, JCT; Wesenberg, J; Schlüter, S. (Org.). *Biodiversity and land use systems in the fragmented Mata Atlântica of Rio de Janeiro*. 1 ed. Göttingen: Cuvillier Verlag, 2009, p. 93-106.

VIVEIROS DE CASTRO, E. B.; Cronemberger, C.. Da ciência ao manejo: o conhecimento científico e a gestão da pesquisa no Parque Nacional da Serra dos Órgãos. In: Cronemberger, C.; Viveiros de Castro, E.B. (Org.). *Ciência e Conservação na Serra dos Órgãos*. 1 ed. Brasília: Edições Ibama, 2007, v. 1, p. 27-39.

Fizon, J. ; Marchioro, N.P.X. ; Britez, R.M. ; Cabral, D.C. ; Camely, N.C. ; Canavesi, V. ; **VIVEIROS DE CASTRO, E. B.** . Causas antrópicas da fragmentação. In: Rambaldi, D.M.; Oliveira, D.A.S.. (Org.). *Fragmentação de Ecossistemas: causas, efeitos sobre a biodiversidade e recomendações de políticas públicas*. Brasília: MMA/SBF, 2003, v. , p. -.

Speaker in Conferences*

* Some of dozens. Names were translated to English

Tijuca National Park and Rio de Janeiro World Heritage Site: Constructing a National Park to protect a great city. In: Eco-Forum Global - World Heritage Application and National Park Construction Symposium, Anshun, China, 2017.

Tijuca National Park: challenges and strategies to conserve a urban forest. In: Qin Ling Forum, Baoji, China, 2017.

Public Use and Technology as drivers for Conservation: the case of The Atlantic Forest Trail. In: 2014 IUCN World Park Congress, Sydney, 2014

Long Distance Trail Management in National Parks – Talkshow. In: VII Brazilian Congress of Protected Areas, Natal, 2012

Public Use management in Brazilian National Parks. In: II Mountain Parks Seminar, Rio de Janeiro, 2012.

Public Use Management in Federal Protected Areas and the Parks for Soccer World Cup Project. In: Brazilian Congress of Nature, Tourism e Sustainability – CONATUS, Cuiabá, 2011

National Parks, Public Use and concessions: challenges and opportunities. In: ABETA Summit – Brazilian Meeting of Ecotourism and Adventure Tourism, São Paulo, 2011.

Serra dos Órgãos National Park: perspectives for adventure tourism. In: Adventure Travel World Summit. São Paulo, 2008.

Petrópolis-Teresópolis Trail: long trail management experience of Serra dos Órgãos National Park. In: Long Trail Management International Seminar. São Paulo, 2007.

Consultative Councils and management of Brazilian Protected Areas. In: III Brazilian Seminar about Protected Areas and Social Inclusion. Teresópolis, 2007.

Trail management in Protected Areas: perspectives. In: I National Congress in Planning and Trail management. Rio de Janeiro, 2006.

Participative planning in Serra dos Órgãos National Park. In: I Brazilian Mountain Parks Seminar. Teresópolis, 2006.

Destination of arrested animals from illegal traffic. In: XXVIII Congress of Zoological Gardens Brazilian Association, Rio de Janeiro, 2004.

Selection of potential areas for captured animal releases and reintroduction. In: Fauna Reintroduction Seminar. Rio de Janeiro Zoological Garden and IBAMA, 2004.

Forest fragmentation in Poço das Antas Biological Reserve as consequence of engineering interventions in São João River Basin. In: III Brazilian Congress of Protected Areas, Fortaleza, 2002.

Participation in Councils and Committees

Member of the Committee of World Heritage Site of Rio de Janeiro (2012-2018)

President of Consultative Council of Tijuca National Park (2012-2018)

President of Consultative Council of Tijuca National Park (2004-2011)

Expert Advisor of Anshun Huangguoshu World Cultural and Natural Heritage Nomination (2017-2020)

Project coordination

2014- present – The Atlantic Forest Trail

The Atlantic Forest Trail will cross more than 3,000 km in the south-southeast coast of Brazil, following the Serra do Mar Mountain Chain. The trail will cross 10 national parks and more than 20 state parks, as well as 40 other protected areas. The objective is to encourage the reconnection of people with nature and parks, stimulate local income generation through tourism, and strengthen the creation of new protected areas and recovery of forest corridors, seeking connectivity among forest remnants of the Atlantic Forest, one of the Biodiversity hotspots. The project is promoted by WWF-Brazil in partnership with management agencies and many local NGOs.

2012-2018 – Concessions Program in Tijuca National Park

Tijuca National Park, totally inserted in the metropolis of Rio de Janeiro, is the most visited Brazilian National Park (2.5 million visitors in 2012) and protect the main Brazilian tourism attractive, Cristo Redentor. A concession program started in 2011 is now in phase of implementation of the first contract and many others are in building. This Park respond of 50% of National Parks financial incomes in Brazil and contribute to maintain the hole system.

2006-2007 – Enlargement of Serra dos Órgãos National Park

From aerial census by helicopter I perceived many potential forested border areas that could be incorporated to the National Park. I prepared a Project and obtained financial support by KfW (Germany Bank). The Project involved digital mapping, land use classification based on aerial images and fieldwork. The technical proposal was submitted to the Consultative Council and approved by communitarians in many public meetings. In September 2008, the Brazilian President, Luiz Inácio Lula da Silva, signed a presidential act enlarging Serra dos Órgãos National Park area in 9374 hectares, representing a 84% growth.

Status: concluded

2006-2008 - Serra dos Órgãos National Park Management Plan

Between 2006 and 2008, I coordinated National Park Management Plan preparation. It was the first management plan fully elaborated by the - staff of a Brazilian Protected Area. Usually management plans are elaborated by external consultants. This process had the collaboration of researchers, mountaineers and Consultative Council members. The management plan was concluded in 2007 and published in 2008. Since then it has been monitored monthly and 95% of foreseen activities –have been executed or partially executed.

Status: concluded

2008-2011 – Scientific knowledge database about Serra dos Órgãos National Park

Project coordinated with biologist Cecilia Cronemberger. Includes survey of biological samples collected in the Park and deposited in scientific collections; and scientific papers and thesis about National Park area. Information was organized in a database that -allows searches by species, specimens, paper author, theme or year. The database is available to researchers to stimulate new research projects. During this Project I supervised an undergraduate student that received a scholarship from National Research Council (CNPq).

Status: under development

Field Experience

In addition to my experience as a national park manager, I am an enthusiast of trekking and adventure sports, visiting national parks and other protected areas on business trips and vacations. I have visited more than 100 national and state parks in more than 30 countries, as well as 400 other protected areas of various categories, always seeking local teams to exchange management experiences