

**Fabio Rubio Scarano**

Rua Barão de Oliveira Castro, 29, Jardim Botânico,  
Cep 22460-280, Rio de Janeiro, RJ, Brasil  
Telephone: 21 9985452045; email: fscarano@gmail.com

---

**1. PROFESSIONAL EXPERIENCE**

**Since 1993 UFRJ – Federal University of Rio de Janeiro.** Associate Professor, Ecology Department. Rio de Janeiro, RJ.

**2015-2018 FBDS – Brazilian Foundation for Sustainable Development:** Executive Director. Rio de Janeiro, RJ.

**2009-2015 Conservation International:** served as Executive Director for CI-Brazil from 2009-2011, and as Senior Vice-President for the Américas from 2011-2015. Rio de Janeiro, RJ.

**2007-2009 Botanical Gardens of Rio de Janeiro, Ministry of Environment.** Scientific Director. Rio de Janeiro, RJ.

**2005-2011 CAPES – Brazilian Graduate Agency, Ministry of Education.** Coordinator of Ecology and Environment. Brasília, DF.

**1986-1988 Cia Agrícola e Florestal Santa Bárbara.** Chief of Research on Environmental Protection and Environment, Belo Horizonte, MG.

**1986-1986 Cimetal Florestas S.A.** Chief of Research on Environmental Protection and Environment, Corinto, MG.

**2. DEGREES**

**1981-1986** Forestry, Universidade de Brasília, Brasil.

**1988-1992** Ph.D. Ecology, University of St. Andrews, Scotland, UK.

### 3. ACADEMIC HIGHLIGHTS

**Since 1995** Fellow of the **Linnean Society of London**, UK.

**2002-2002** Visiting Professor, **Darmstadt University of Technology**, Germany.

**2003-2003** Visiting Professor, **University of Minnesota**, US.

**2010-2014** Lead author of the Brazilian Panel on Climate Change (**PBMC**), first assessment report, WG II on Impact, Adaptation and Vulnerability

**2011-2014** Lead Author of the Intergovernmental Panel on Climate Change (**IPCC**), fifth assessment report, WG II on Impact, Adaptation and Vulnerability

**2012-2013** Member of the Brazilian Technical Committee on Biosafety (**CTNBio/Ministry of Science, Technology and Innovation**)

**2013-2014** Member of the “Stakeholder Engagement Strategy” and “Scoping” teams of the Intergovernmental Panel on Biodiversity and Ecosystem Services (**IPBES**)

**2015-2018** Coordinating Lead Author of the Intergovernmental Panel on Biodiversity and Ecosystem Services (**IPBES**), Americas Regional Chapter.

**Since 2015** General Coordinator and Bureau Member for the Brazilian Panel on Biodiversity and Ecosystem Services (**BPBES**).

**2017** Participation in the scoping process of the sixth assessment report of the **IPCC**, Addis Ababa, Ethiopia.

### 4. PARTICIPATION ON BOARDS

**Since 2016** Member of the Board of Directors of *WCS* (Wildlife Conservation Society Brazil), Rio de Janeiro, Brazil

**Since 2016** Member of the Advisory Board of *Rare Brazil*, Rio de Janeiro, Brazil

**Since 2016** Member of the Board of Directors of *FUNBIO* (National Fund for Biodiversity), Rio de Janeiro, Brazil

**Since 2015** President of the Advisory Board of the Biological Reserve Legado das Águas of the Brazilian private company *Votorantim S.A.*, São Paulo, Brazil

**Since 2015** Member of the Board of Directors of *Conservation International Brazil*, Rio de Janeiro, Brazil

**2009-2014** Member of the Board of Directors of *IBIO* (Instituto Bioatlântica), Rio de Janeiro, Brazil

**2008-2010** Member of the Advisory Board of *Embrapa Agrobiologia* (Brazilian Public Company for Agronomic Research), Seropédica, Rio de Janeiro, Brazil.

**2006-2011** Member of the Board of Directors of *PPBIO* (Research Programme on Biodiversity of the Ministry of Science and Technology), Brasília, Brazil.

## 5. SUPERVISION OF GRADUATE STUDENTS

21 **Master** dissertations concluded

15 **Doctoral** theses concluded

## 6. SCIENTIFIC PRODUCTION

106 papers published in peer-reviewed journals such as *Nature*, *Nature Ecology and Evolution*, *Science*, *Biological Conservation*, *Biodiversity and Conservation*, *Conservation Biology*, *Diversity and Distributions*, *Ecosystem Services*, *Journal of Ecology*, *Land Use Policy*, *Mitigation and Adaptation Strategies to Global Change*, *Restoration Ecology*, etc.

>1600 **citations** at the Web of Science *h* index = 24

Author of 8 books and 49 book Chapters.

First prize winner of the Jabuti Prize for Literature (2015), category Natural Sciences and Mathematics, with “Mata Atlântica: uma História do Futuro” (2014).

Second prize winner of the Jabuti Prize for Literature (2013), category Natural Sciences, with “Biomass Brasileiros” (2013).

### **10-yr Publication Highlights:**

**Scarano FR** (2019) The emergence of sustainability. In: Wegner L, Lüttge U (eds.). *Emergence and Modularity in Life Sciences*. Cham: Springer Nature, pp. 51-71.

Pires APF, Amaral AG, Padgurschi MCG, Joly CA, **Scarano FR** (2018) Biodiversity research still falls short of creating links with ecosystem services and human well-being in a global hotspot. *Ecosystem Services* 34: 68-73.

Rezende CL, Fraga JS, Sessa JC, Souza GVP, Assad ED, **Scarano FR** (2018). Land use policy as a driver for climate change adaptation: A case in the domain of the Brazilian Atlantic forest. *Land Use Policy* 72: 563-569.

Kasecker TP, Ramos-Neto MB, Silva JMC, **Scarano FR** (2018) Ecosystem-based adaptation to climate change: defining hotspot municipalities for policy design and implementation in Brazil. *Mitigation and Adaptation Strategies to Global Change* 23: 981-993.

**Scarano FR** (2017) Ecosystem-based adaptation to climate change: concept, scalability and a role for conservation science. *Perspectives in Ecology and Conservation* 15: 65-73

Strassburg BBN, Brooks T, Feltran-Barbieri R, Iribarrem A, Crouzeilles R, Loyola R, Latawiec AE, Oliveira Filho FJB, Scaramuzza CAM, **Scarano FR**, Soares-Filho B, Balmford A (2017) Moment of truth for the Cerrado hotspot. *Nature Ecology and Evolution* 1: 0099 | DOI: 10.1038/s41559-017-0099

**Scarano FR**, Ceotto P (2015) Brazilian Atlantic forest: impact, vulnerability, and adaptation to climate change. *Biodiversity and Conservation* 24:2319-2331

Overbeck G, Vélez-Martin E, **Scarano FR**, et al. (2015) Conservation in Brazil needs to include non-forest ecosystems. *Diversity and Distributions* 21:1455-1460

Magrin GO, Marengo JA, Boulanger J-P, Buckeridge MS, Castellanos E, Poveda G, **Scarano FR**, Vicuña S (2014) Central and South America. In: Barros V et. al. (eds.). *Climate change 2014: Impacts, adaptation, and vulnerability. Part B: Regional aspects. Contribution of Workgroup II to the Fifth Assessment Report of the IPCC*. Cambridge: Cambridge University, pp. 1499-566.

**Scarano FR**, Guimarães A, Silva JM (2012) Rio+20: Lead by example. *Nature* 486: 25-26.

**Scarano FR** (2009) Plant communities at the periphery of the Atlantic rain forest: Rare-species bias and its risks for conservation. *Biological Conservation* 142:1201-1208

## 7. LANGUAGES

Portuguese: native tongue

English: fluent

Spanish, French and Italian: conversation and reading

**Rio de Janeiro, April 2nd, 2019**