

Dr. Osana Bonilla-Findji

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Osana is Science Officer for Flagship 1 *Climate Smart Agricultural Practices*. Biologist by training -with a Master in Biological Oceanography (2002) and a Ph.D. in Environmental Sciences (2005) from the University of Paris- she has a combined expertise in research, project management and public outreach within international science-for-development initiatives.

Osana joined CCAFS in 2010 and has since been supporting, coordination strategic research, partnership development and integration between different research groups. As an advocate of innovative and exciting science that reaches society and proffers solutions to people's challenges and needs, she acts as a bridge builder and facilitator to foster synergies, knowledge sharing and cooperation. As part of her work, she is also strongly engaged in the development and support of South-South exchange programs between developing countries in Africa and Latin America.

EDUCATION

2005: PhD, Environmental Sciences, Université Paris VI: Paris, France. Thesis entitled: "Relationship between bacterial community structure and pelagic ecosystem functioning".

2002: MSc, Biological Oceanography and Marine Ecosystems, Université Paris VI, France.

2001: Transversal Interuniversity Training on Environment and Sustainable Development. Dynamique d'Information et de Formation sur l'Environnement et le Développement Durable; Montpellier, France.

2000: BSc, Biology, Universidad del Valle, Cali, Colombia.

APPOINTMENTS

2010- Current – Science Officer for the CGIAR Research Program Climate Change, Agriculture and Food Security (CCAFS) Climate Smart Agricultural practices Flagship program; based at the International Centre for Tropical Agriculture (CIAT). Principal duties include and, coordinating research efforts, reporting and communications among partners and researchers working on Flagship 1 research themes across the CGIAR; supervising staff and visiting researchers, proposal development and fund raising.

2006 – 2008 Assistant to the Public Outreach Coordinator. European Network of Excellence for Ocean Ecosystems Analysis.

2001 Research assistant. Centre d'Ecologie Fonctionnelle et Evolutive, CNRS, Montpellier, France

2000 – 2002. Freelance translator, NGO Both ENDS

1998 – 2000. Research assistant. Fundación Yubarta, Universidad del Valle, Cali, Colombia.

PUBLICATIONS

- Kissinger G, Sova C, Allassane B, Maïga IA, Benfor DT, Nutsukpo DK, Ky-Zerbo AZ, Roth-Liehoun C, King'uyu SM, Orindi V, Rojas E, Rivera JL, Mishra JP, Singh R, Joshi PK, Kinyangi J, Aggarwal P, Zougmore R, Sebastian LS, Martinez D, Neufeldt H, Twyman J, **Bonilla-Findji O**, Jarvis A. 2014. [Climate adaptation and agriculture: Solutions to successful national adaptation plans](#). Copenhagen, Denmark: CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS)
- Schuetz T, Förch W, Thornton P, Wollenberg L, Hansen J, Jarvis A, Coffey K, **Bonilla-Findji O**, Loboguerrero Rodriguez AM, Martínez Barón D, Aggarwal P, Sebastian L, Zougmore R, Kinyangi J, Vermeulen S, Radeny M, Moussa A, Sajise A, Khatri-Chhetri A, Richards M, Jost C, Jay A. 2014. Learning Brief: Lessons in Theory of Change from a Series of Regional Planning Workshops. Learning Brief # 11. Copenhagen, Denmark: CGIAR Research Program on climate Change, Agriculture and Food Security (CCAFS).
- Howland, F., **Bonilla-Findji, O.**, Loboguerrero, A.M, Peterson, C., L.. August 2014. [Learning from each other: Latin America and Senegal exchange innovative climate approaches for smallholders](#). UNEP South-South Cooperation Case Studies
- Andy Jarvis, Julian Ramirez-Villegas, Valerie Nelson, Richard Lamboll, Nick Nathaniels, Maren Radeny, Catherine Mungai, **Osana Bonilla-Findji**, David Arango, Caitlin Peterson. e-proceedings. International workshop on Agricultural Innovation Systems in Africa (AISA), Nairobi, 29–31 May 2013
- Vermeulen S, Moussa AS, **Bonilla-Findji O**, Bhatta GD, Madeny M. 2013. [Knowledge: its role in hunger, nutrition and climate justice](#). Case Study prepared for Hunger, Nutrition, Climate Justice, 2013. A New Dialogue: Putting People at the Heart of Global Development. Dublin, Ireland: Irish Aid.
- Bonilla-Findji O**, Cooper P, Cappiello SF. 2012. Case Study: Morocco Green Plan. Contribution to Cooper PJM, Cappiello S, Vermeulen SJ, Campbell BM, (2012). The large-scale implementation of adaptation and mitigation actions in the agriculture and food sector. Report prepared for UNFCCC-COP18 in Doha, Qatar November 2012. CCAFS.
- Peterson C, Ramirez-Villegas J, **Bonilla-Findji O**, Mer F, Arango D, Barrios C, Jarvis A. 2012. Climate Analogues: Visualizing the Future with Climate Change Mapping. Project Brief, CCAFS. Copenhagen, Denmark.
- Mer F, Ramirez-Villegas J, **Bonilla-Findji O**, Arango D, Barrios C, Ndiaye O, Jarvis A. 2012. Climate Analogues: Training Manual. CCAFS. Copenhagen, Denmark.
- Jarvis A, Lau C, Cook SE, Wollenberg E, Hansen J, **Bonilla O**, Challinor A. 2011. [An integrated adaptation and mitigation framework for developing agricultural research: Synergies and trade-offs](#). *Experimental Agriculture* 47:185-203.
- Jarvis A, Ramirez-Villegas J, **Bonilla-Findji O**, Zapata E. 2011. Impacts of Climate Change on Crop Production in Latin America. In: SS Yadav, R Redden, JL Hatfield, H Lotze-Campen, AJW Hall (Eds.) *Crop Adaptation to Climate Change*, ISBN: 978-0-8138-2016-3, 632 pp.
- Weinbauer, M.G., **Bonilla-Findji, O.** Chan, A.M., Dolan, J.R., Short, S. M., Šimek, K., Wilhelm, S.W. and C.A. Suttle. 2011. Synechococcus growth in the ocean may depend on the lysis of heterotrophic bacteria. *Journal of Plankton Research* 33 (10): 1465-1476
- Bonilla-Findji O**, Herndl GJ, Gattuso JP, Weinbauer MG. 2009. Viral and flagellate control of Prokaryotic production and community structure in offshore Mediterranean waters. *Appl. Environ. Microbiol* 75(14): 4801–4812.
- Bonilla-Findji O**, Rochelle-Newall E, Weinbauer MG, Pizay MD, Kerros ME, Gattuso J. 2009. Effect of seawater-freshwater cross-transplantations on viral dynamics and bacterial diversity and production. *Aquatic Microbial Ecology* 54: 1-11.
- Bonilla-Findji O**, Malits A, Lefèvre D, Rochelle-Newall E J, Lemée R, Weinbauer MG, Gattuso JP. 2008. Viral effects on bacterial respiration, production and growth efficiency: consistent trends in the Southern Ocean and the Mediterranean Sea. *Deep-Sea Research (Part II, Topical Studies in Oceanography)* 55:790-800.

Weinbauer MG, Agis M, **Bonilla-Findji O**, Malits A, Winter C. 2007. Bacteriophage in the environment. In: S. McGrath, D. van Sinderen (Eds) Bacteriophage: Genetics and Molecular Biology. Caister Academic: Norfolk, UK.

POSTERS

Jarvis A, Ramirez-Villegas J, Nelson V, Lamboll R, Nathaniels N, Radeny M, Mungai C, Bonilla-Findji O, Arango D, Peterson C (2012). Farms of the Future: An Innovative Approach for Strengthening Adaptive Capacity. Poster, Climate-Smart Agriculture: Global Science Conference, University of California-Davis. Davis, California 2012.

European Commission Bruxelles, Belgium, June 2008. 'Activities of the Network of Aquaria and the EUR-OCEANS Outreach Team'. En presence of Mr. BORG, European Commissioner for Fisheries & Maritime Affairs.

Annual Conference of the National Marine Educators Association. New York, USA. July 2006 'Océanopolis and a European aquaria network as interfaces for strengthen the link between marine scientists and the general public'.

American Society of Limnology and Oceanography, ASLO meeting. Santiago de Compostela, Spain. August 2005. 'Effect of viruses and flagellates on prokaryotic productivity and diversity in the Mediterranean Sea'.

International Society for Microbial Ecology. Cancun, Mexico. July 2004. 'Linking bacterial species richness to ecosystem functioning in the Bay of Villefranche'

OTHER SKILLS

- ✓ Languages: Bilingual French-Spanish; Fluent English.
- ✓ Coordination and co-direction of scientific films
- ✓ NAUI scuba diver