

August 2023

CURRICULUM VITAE

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Citizenship: US/Argentina

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Yale School of the Environment

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www.facebook.com/MontagniniAF

<https://drflorenciamontagnini.wordpress.com/>

[Researchgate.net/profile/Florencia_Montagnini](https://www.researchgate.net/profile/Florencia_Montagnini)

<https://yale.zoom.us/j/9122540920>

UNDERGRADUATE AND GRADUATE EDUCATION:

1985 Ph.D., Ecology, University of Georgia, Athens, Georgia, U.S.A.

1980 M.S., Ecology, Venezuelan Institute for Scientific Research (IVIC), Caracas, Venezuela

1974 B.S., Agronomy, National University of Rosario, Argentina

HIGH SCHOOL EDUCATION:

1968 Teacher, Escuela Normal de Profesoras No. 1 “Nicolás Avellaneda”, Rosario, Argentina

1967 Lower Cambridge English Language Certificate, Asociación Rosarina de Cultura Inglesa, Rosario, Argentina

LANGUAGE PROFICIENCY

English – Fluent

Spanish - Native

Portuguese - reads and speaks well

French – reads well, speaks moderately well

Italian – reads well, speaks moderately well

Swedish - basic

PROFESSIONAL CAREER:

Current position: **Senior Research Scientist, and Director, Program in**

Tropical Forestry and Agroforestry

Yale University, School of the Environment. The Forest School

- 2001-2012:* **Professor in the Practice of Tropical Forestry, and Director, Program in Tropical Forestry, Global Institute of Sustainable Forestry.**
Yale University, School of Forestry and Environmental Studies.
- 2000-2001* **Professor and Researcher, Management and Conservation of Forest and Biodiversity Area.** Tropical Agricultural Research and Higher Education Center (CATIE), Turrialba, Costa Rica.
- 1997- 2000* **Director, Area of Management and Conservation of Forest and Biodiversity, and Professor and Researcher.** Tropical Agricultural Research and Higher Education Center (CATIE), Turrialba, Costa Rica.
- 1992-1997* **Associate Professor, Tropical Ecology and John Miller Musser Director, Tropical Resources Institute.**
Yale University, School of Forestry and Environmental Studies.
- 1989-1991* **Assistant Professor, Tropical Ecology**
Yale University, School of Forestry and Environmental Studies.
- 1986-1988* **Post Doctoral Associate.** Academic Coordinator, Organization for Tropical Studies (OTS), Duke University, Costa Rican Office. Directed OTS research and educational programs, taught OTS Tropical Ecology and Agro-Ecology courses. Conducted own research on performance of native tree species in reforestation of degraded pastures and influence of native trees on soil nutrients.
- 1985-1986* **Post Doctoral Associate,** OTS/CATIE Agroforestry Project. Wrote and edited textbook on Agroforestry Systems. (See publications list.)
- 1985* **Post Doctoral Associate,** Institute of Ecology, University of Georgia, under OTS and Tropical Agriculture Research and Training Center (CATIE), Costa Rica, Central America Agroforestry Project. Wrote and edited textbook on Agroforestry Systems.
- 1983-1985* **Graduate Student Research Assistant,** Botany Department, University of Georgia, under NSF grant "Mechanisms of nitrate loss from a successional southern Appalachian forest." Soil nitrogen processes, nitrogen leaching and forest nutrient budgets.
- 1983* **Graduate Student Teaching Assistant,** Botany Department, University of Georgia. Terrestrial Biogeochemical Cycling and Plant Ecological Physiology.
- 1982* **Graduate Student Research Assistant,** Botany Department, University of Georgia and U.S. Forest Service (Coweeta Hydrologic Laboratory, North Carolina). Nitrogen pools and nitrification potentials in successional and mature forested watersheds at Coweeta.

- 1982 **Graduate Student Teaching Assistant**, Division of Biological Sciences, University of Georgia. Introductory Biology.
- 1981 *a-* **Graduate Student Research Assistant**, Botany Department, University of Georgia. Water relations of soybeans.
- b-* **Graduate Student Teaching Assistant**, Botany Department, University of Georgia. General Ecology.
- 1977-1981 **Graduate Student Research Assistant** for the Rainforest Project, University of Georgia and Venezuelan Institute for Scientific Research (IVIC):
- a-* Influence of insects in Amazonian slash and burn agriculture (1977-1979).
- b-* Nitrogen fixation in successional forests and agricultural sites in San Carlos de Río Negro, Amazonas, Venezuela (1980).
- c-* Nitrification in successional forests and agricultural sites in San Carlos de Río Negro, Amazonas, Venezuela (1981).
- 1976 **Landscape Architecture Consultant**. Caracas, Venezuela.
- 1975 **Legume Entomologist**, Ezequiel Zamora National Experimental University (UNELLEZ), Caracas-Barinas, Venezuela.
- 1974 **Research Assistant in Plant Ecology**. Department of Soils and Ecology, Agronomy School, University of Rosario, Argentina. Community Analysis of Grassland Ecosystems.
- 1974 **Journalist** for the monthly magazine of the Argentine Agrarian Federation (Rosario, Argentina). Articles on: Insect pests on soybeans, new wheat varieties for greater yields in Argentina, the spread and control of Africanized bees in South America, and other titles on issues of public interest in agricultural ecology.
- 1974 **Soybean Entomology Intern**. Experimental Station, National Institute for Agricultural Technology (INTA), Pergamino, Buenos Aires, Argentina.
- 1973 **Extension Intern for Citrus Cultivation**. (Breeding, pest control, management practices). Extension Agency, National Institute for Agricultural Technology (INTA), Montecarlo, Misiones, Argentina.

RESEARCH:

Design and management of sustainable forestry, tree plantations and agroforestry systems in the tropics, integrating ecological principles with economic, social, and

political factors. Agroforestry systems, forest landscape restoration, reforestation, biodiversity conservation, use of native species. Sustainable agriculture, organic farming, soil conservation and management, rural development. Ecosystem services: biodiversity, carbon sequestration and watershed protection, Payments for Environmental Services, Biodiversity islands in human dominated environments.

GRANTS:

- 2023- *Yale Women Faculty Forum Seed Grant*. Organic Agroforestry Systems with species of nutritional value and financial suitability. **F. Montagnini**, \$2,000
- 2017- 2024 *Universidad Nacional de Misiones, Secretaría General de Ciencia y Tecnología, proyecto acreditado como PDTS (Proyecto de Desarrollo Tecnológico y Social); CONICET (National Council for Scientific and Technical Research), and Laharrague Forest Enterprise*. Metodologías para la conservación y domesticación de especies nativas de interés foresto-industrial de la provincia de Misiones: técnicas de propagación, establecimiento de ensayos a campo y jardines mini-clonales de procedencias y progenies (Methodologies for the conservation and domestication of native species of forestry-industrial interest in the province of Misiones, Argentina: propagation techniques, establishment of field trials and mini-clonal gardens of provenances and progenies). F. Niella; P. Rocha; **F. Montagnini**; P. Thalmayr; J. Gonzalez; R. Buchweiss. US \$80,000
- 2015- 2016 *Presidencia de la Nación (Argentina), Ministerio de Ciencia, Tecnología e Innovación Productiva, Convocatoria CIECTI (Centro Interdisciplinario de Estudios de Ciencia, Tecnología e Innovación). Metodologías de intervención (políticas, instrumentos) en procesos de innovación para la inclusión social. Integración del Conocimiento Ecológico Autóctono (CAE) y Científico como Herramientas para el Desarrollo Sostenible en Comunidades Originarias (Integration of Indigenous Ecological Knowledge (IEK) and Scientific Knowledge as Tools for Sustainable Development in Native Communities)*. F. Niella, H. Keller; S. P. Rocha; B. Eibl; **F. Montagnini**; J. Kornel; F. Romero and J. Barquinero. US \$50,000
- 2011- 2021 *Ordenamiento Territorial. Fondo para la Investigación Científica y Tecnológica (FONCyT). Agencia Nacional de Promoción Científica y Tecnológica (ANPCyT), Ministerio de Ciencia, Tecnología e Innovación Productiva, Argentina; Universidad Nacional de Misiones, Facultad de Ciencias Forestales, Eldorado, Misiones, Argentina; INTA (National Institute for Agricultural Technology, Montecarlo, Misiones. Especies nativas maderables y de uso múltiple, en áreas de restauración en la provincia de Misiones (Native Timber and Multipurpose Species Planted for Restoration of Degraded Lands in the Province of Misiones, Argentina)*. B. Eibl, **F. Montagnini**, M. Lopez, S. Barth, N. Pahr, P. Rocha, F. Niella. ~US \$ 30,000
- 2008-2019 *Michelin Ecological Reserve, Bahia, Brazil*. Strategies for restoration of degraded landscapes in the Atlantic forest of southern Bahia, Brazil. **F. Montagnini** and D. Piotto. \$36,640.

- 2010-2011 *PNUD ARG 08/008. (United Nations Development Program, Argentina). Manejo Sustentable De Recursos Naturales – Componentes Bosque Nativo y Su Biodiversidad. (Sustainable Management of Natural Resources; Components: Natural Forests and their Biodiversity). With A. Friedl, N. Vera, M. Ochoa, P. Mac Donagh, A. Bys, from Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Argentina. US \$ 5,800,000.*
- 2008-2009 *The Whitney and Betty MacMillan Center for International and Area Studies. Faculty Research Grant Application for 2008-2009 in International, Area and Comparative Studies. Participatory restoration of degraded landscapes by urban and rural communities in Misiones, Argentina. \$6,200.*
- 2008 *Council on Latin American and Iberian Studies, Yale University, MacMillan Center for International and Area Studies. Faculty Curriculum Improvement and Innovation Grants, 2008. Adding Latin American content to courses: Agroforestry Systems, and Ecological Restoration, projects in Veracruz and Quintana Roo, Mexico. \$2000.*
- 2007-2008 *Yale University, School of Forestry and Environmental Studies. Carbon value analyses for native tree reforestation in Central America. With Mark Ashton, Robert Mendelsohn, Timothy Gregoire. \$15,000.*
- 2007 *Council on Latin American and Iberian Studies, Yale University, MacMillan Center for International and Area Studies. Faculty Curriculum Improvement and Innovation Grants, 2007-2008. Adding Latin American content to courses: Agroforestry Systems, and Ecological Restoration. \$2000.*
- 2006 *The Edward J. And Dorothy Clarke Kempf Memorial Fund Competition 2006. Forum: Participatory Approaches To Ecological Restoration Projects In Rural Communities. September 28, 2006. \$12,208.*
- 2004-2006 *National Center for Ecological Analysis and Synthesis (NCEAS). Biodiversity and Conservation Value of Agricultural Landscapes of Mesoamerica. With R. Chazdon, Department of Ecology and Evolutionary Biology, University of Connecticut, D. Griffith, Department of Ecology and Evolutionary Biology, University of Michigan, and G Daily, Department of Biological Sciences, Stanford University. \$56,600.*
- 2004-2006 *Institutional Research Program (PII) of the National University of Hidalgo, Mexico. Evaluation of Forest Ecosystem Degradation in Regions II and XIII of the State of Hidalgo and Selection of Species for its Restoration. In collaboration with Alfonso Suárez Islas and other researchers from the National University of Hidalgo, Tulancingo, Hidalgo, Mexico. \$30,742.*
- 2005 *Yale Center for International and Area Studies. Community forestry*

restoration projects in Misiones, Argentina. **\$2,500.**

2000-2005 *FINNIDA (Finland Development Agency)*. Silviculture and environmental services of mixed and pure plantations of native species in rural areas of the Neotropics. **\$40,000.**

2000-2004 *CATIE-DANIDA*. Recuperación de Areas, Producción, Demostración y Conservación de Material Genético Forestal en el CATIE. **\$180,000.**

1997-1999 *Center for International Forestry Research (CIFOR), CIFOR/Japan*. Evaluation of Forest Harvesting Methods on the Forest Ecosystem and Development of Methods to Rehabilitate Logged-Over Forests. As part of a network to develop and evaluate forest harvest impacts and rehabilitation of tropical logged-over forests (with the Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina). **\$60,000.**

1993-1998 *Rockefeller Foundation (Programs of Global Environment and Human Health)*. A research and education initiative on human health and effective utilization of tropical forests. With Burton Singer (Princeton University), Diana Oya Sawyer (CEDEPLAR, Brazil), and Jorge Travassos da Rosa (Institute Evandro Chagas, Brazil). **\$1,200,000.**

1994-1997 *A. W. Mellon Foundation*. Increasing collaboration in ecological research with academic institutions in Latin America: Phase II. **\$175,000.**

1994-1996 *IDRC (International Development Research Center, the Canadian Agency for Foreign Aid)*. A research and education initiative on human health and effective utilization of tropical forests. With Burton Singer (Princeton University), Diana Oya Sawyer (CEDEPLAR, Brazil), and Jorge Travassos da Rosa (Institute Evandro Chagas, Brazil). **\$1,200,000.**

1993-1996 *Yale Institute of Biospheric Studies*. Human Health, Ecology and Effective Utilization of Tropical Forests. **\$62,970.**

1990-1993 *A. W. Mellon Foundation*. Increasing collaboration in ecological research with academic institutions in Latin America. **\$250,000.**

1990-1992 *Forestry Support Program (FSP, USDA Forest Service)*. Agroforestry Systems Book, 2nd edition (Sistemas Agroforestales: Principios y Aplicaciones en los Trópicos. See publications list.) With the Organization for Tropical Studies. **\$84,275.**

1990-1991 *National Science Foundation (NSF)*. Native trees for soil restoration in the Atlantic region of Bahia, Brazil. **\$12,000.**

- 1990-1991 *Yale Center for International and Area Studies (YCIAS)*. Agroforestry and soil restoration in Misiones, Argentina: an ecological and community-oriented project in collaboration with local institutions. **\$3,600.**
- 1989-1990 *Yale Center for International and Area Studies (YCIAS)*. Monospecific and mixed plantations with native, timber tree species in the subtropical humid forest of Misiones, Argentina: performance and effects on nutrient cycling. **\$2,000.**
- 1989-1990 *Program in Belowground Ecology (PBE)*, Yale School of Forestry and Environmental Studies. Impacts of trees on soil fertility restoration in Costa Rica and Brazil. **\$7,000.**
- 1988-1990 *International Foundation for Science (IFS)*, Sweden). Impacts of native trees on soil nutrients in the Atlantic lowlands of Costa Rica, Central America. **\$22,000.**

TEACHING:

Courses at Yale School of the Environment. The Forest School, 2012-present, tutorial

- Agroforestry Systems: Productivity, Environmental Services and Rural Development
- Ecological Restoration
- Soil Conservation and Management
- Introduction to Soil Science
- Tropical Forest Ecology: The Basis for Conservation and Management

Courses at Yale School of Forestry and Environmental Studies, 1989-1997 and 2001-2012

- Tropical Forest Ecology: The Basis for Conservation and Management
- Introduction to Soil Science
- Agroforestry Systems: Productivity, Environmental Services and Rural Development
- Seminar in Ecological Restoration
- Seminar in Soil Conservation and Management

Contributions to Mid-career Training Courses offered by Global Institute of Sustainable Forestry at Yale School of Forestry and Environmental Studies:

- **Plantations and agroforestry systems, Mid-career training, Foresters becoming executives, Executives becoming foresters, April 2008.**
- **Intensive plantation silviculture in tropical countries, Mid-career training, Foresters becoming executives, Executives becoming foresters, April 2008.**
- **Restoration module, Mid-career training, Indian Forest Service, April 2010.**

Courses at CATIE, 1997-2001: (In Spanish)

- Advanced Topics in Diversified Forest Management
- Restoration of Degraded Ecosystems
- Introduction to Management and Conservation of Forests and Biodiversity

Courses offered internationally:

Tropical Forest Restoration and Agroforestry. Online short course, Environmental Leadership and Training Initiative (ELTI). November 15th live session, Introduction to Agroecology and Agroforestry Systems

Diplomatura Superior de Producción en Yerba Mate – Presentation: La importancia y el diseño de islas de biodiversidad en el paisaje. El papel de los sistemas agroforestales. Transmedia, Secretaria de Extensión FCF. Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. October 28, 2022. Watch video: <https://www.youtube.com/watch?v=t5c48jldZk0>

ELTI Coursera, ELTI's Tropical Forest Landscapes freely-available open-access Coursera course that features a few select lectures from the full certificate program, including my lecture “Agroforestry Systems: food production, conservation and restoration” <https://www.coursera.org/learn/tropicalforests101/>

Tropical Forest Restoration in Agricultural Landscapes, in Spanish: <https://elti.yale.edu/events/curso-corto-2021-restauraci%C3%B3n-forestal-en-paisajes-productivos> (Curso corto en línea “Restauración Forestal en Paisajes Productivos”), an online course organized by The Environmental Leadership and Training Initiative (ELTI). Participation on live session, September 13th, guided question-and-answer session that after the conclusion of the first module about tropical forest ecology.

Tropical Forest Landscapes: Conservation, Restoration & Sustainable Land Use tropicalrestorationcertificate.yale.edu. Yale University Online Certificate Program offered by ELTI (Environmental Leadership and Training Initiative), Yale School of Forestry and Env. Studies (F&ES). Development, organization and delivery of the Fundamentals and Strategies courses of this Program. Video-taping power point presentations on restoration, soils sustainability, sustainable food production, environmental services and agroforestry, participation in live discussion sessions and question and answer sessions, correcting students' reports and final projects. 2018-present.

Monitoramento Da Restauração Florestal Para Gestão Adaptativa. Online course offered by Yale University Environmental Leadership and Training Initiative (ELTI), Instituto Terra (MG, Brazil), Organização Das Nações Unidas (ONU Meio Ambiente) (UNEP). May 2019. Participated in live question and answer sessions, evaluated students' reports and final projects.

Restoration Boot Camp for Tropical Asian Forests. Online course offered by Yale University Environmental Leadership and Training Initiative (ELTI), April-June, 2019. Participation in live discussion and question and answer sessions.

Agropaisajes Sostenibles. 9 abril-22 mayo, 2018. **Curso en línea organizado por:** Iniciativa de Liderazgo y Capacitación Ambiental (ELTI), Universidad de Yale, Escuela de Silvicultura y Estudios Ambientales (F&ES). Online course offered by ELTI, Yale School of Forestry and Env. Studies (F&ES). Video-taped power point presentations on restoration and agroforestry, live question and answer sessions, students' reports and final projects.

Restauración de Bosques tropicales en Paisajes Intervenido. September 25- November 5, 2017. **Curso en línea organizado por:** Iniciativa de Liderazgo y Capacitación Ambiental (ELTI), Universidad de Yale, Escuela de Silvicultura y Estudios Ambientales (F&ES). Online course offered by ELTI, Yale School of Forestry and Env. Studies (F&ES). Video-taped power point presentations on restoration and agroforestry, live question and answer sessions, students' reports and final projects.

Restauración del Paisaje Forestal en el Trópico. August 15-September 30, 2016. Online course offered by ELTI under a grant from the International Union of Conservation of Nature, IUCN. Video-taped power point presentations on restoration and agroforestry, live question and answer sessions, students' reports and final projects.

II Curso Internacional Agroecología y Restauración Ecológica: Agropaisajes Sostenibles con Resiliencia. Reserva Natural El Hatico, Valle del Cauca - Colombia 21 - 23 julio 2016. SOCLA – ELTI – El Hatico – CIPAV.

Tropical Forest Restoration in Human-Dominated Landscapes. Environmental Leadership and Training Initiative (ELTI). October 12- November 22, 2015. Question and Answer live session.

Tropical Forest Restoration in Human-Modified Landscapes of Latin America. July 13 to August 23, 2015. An online course organized by The Environmental Leadership and Training Initiative (ELTI). Lecture, question and answer live session. Yale School of Forestry & Environmental Studies.

Curso Internacional Agroecología y Restauración Ecológica: Agropaisajes Sostenibles con Resiliencia. Reserva Natural El Hatico, Valle del Cauca - Colombia 21 - 25 julio 2015. SOCLA – ELTI – El Hatico – CIPAV.

Ecosystem Services and Tropical Forest Restoration. ELTI short course (Spanish). Lecturing/field trips/other. Province of Los Santos, Republic of Panama, January 28 - February 2, 2013.

Introducción a la Ecología y Restauración de Bosques Tropicales en Paisajes Intervenido. Online course. Web-Based Training Program. Environmental Leadership & Training Initiative. Yale School of Forestry & Environmental Studies. 2013.

Estrategias para la Sostenibilidad de Corredores Biológicos en Paisajes Ganaderos. (Strategies for Sustainability of Biological Corridors in Cattle Ranching Landscapes). Organizado por la Iniciativa de Liderazgo y Capacitación Ambiental (ELTI) y el Centro para la

Investigación en Sistemas Sostenibles de Producción Agropecuaria (CIPAV), Armenia, Quindío, Colombia. Octubre 8-13, 2011.

Restauración de ecosistemas forestales degradados (Restoration of Degraded Forest Ecosystems). Post Graduate Course in Natural Resources. Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. December 7-12, 2010.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. May 3-7, 2009.

Los Sistemas Agroforestales como Herramienta para la Restauración. (Agroforestry Systems as a Tool for Restoration). Post Graduate Course in Natural Resources. Facultad de Ciencias Agrarias, Universidad Nacional de Hidalgo, Tulancingo, Hidalgo, Mexico. August 7-12, 2006.

Recuperación de Areas Degradadas. (Recovery of Degraded Areas). Post Graduate Course in Natural Resources. Facultad de Ciencias Forestales, Universidad Nacional de Hidalgo, Tulancingo, Hidalgo, Mexico. November 20-26, 2004.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Facultad de Ciencias Forestales, Universidad de Santiago del Estero. Facultad de Ciencias Forestales/Red Agroforestal Chaco, Santiago del Estero, Argentina. August 2-7, 2004.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Universidad Nacional de Formosa, Formosa, Argentina. August 4-9, 2003.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. December 5-10, 2000.

Recuperación de Areas Degradadas. (Recovery of Degraded Areas). Post Graduate Course in Natural Resources. Facultad de Ciencias Agrarias, Universidad Nacional de Rosario, Rosario, Argentina. September 4-9, 1999.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Facultad de Agronomía, Universidad Nacional de Buenos Aires, Argentina. July 6-11, 1993.

Sistemas Agroforestales. (Agroforestry Systems). Post Graduate Course in Natural Resources. Instituto Subtropical de Investigaciones Forestales (ISIF), Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. 8 and 15 July, 1989.

PROFESSIONAL SERVICES, CONSULTANT

MINISTERIO DE CIENCIA, TECNOLOGÍA E INNOVACIÓN. Agencia Nacional de la Promoción de la Investigación, el Desarrollo Tecnológico y la Innovación. Fondo para la Investigación Científica y Tecnológica (FONCyT), Buenos Aires, Argentina. Evaluación de proyectos de investigación científica y tecnológica presentados al FONCyT, Diciembre 2020.

MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION. National Agency for the Promotion of Research, Technological Development and Innovation. Fund for Scientific and Technological Research (FONCyT), Buenos Aires, Argentina. Evaluation of scientific and technological research projects submitted to FONCyT, December 2020.

University of Science and Technology, Kumasi, Ghana, Department of Silviculture and Forest Management. Evaluation of scientific articles presented for academic promotion of professors and assessment of suitability for promotion. June-December 2020.

CGIAR (CGIAR.org), Research Program on Forests, Trees and Agroforestry (foreststreesandagroforestry.org). Member of the Steering Committee, 2015-present.

SINAES (National System for Higher Education), COSTA RICA. Evaluation of accreditation of careers in higher education within my field of expertise. 2016-present.

São Paulo Research Foundation (FAPESP), São Paulo, Brazil, and the Netherlands Organisation for Scientific Research (NWO). Evaluation of research proposals for the Sixth call of Joint Research Projects “Restoration and use of the Atlantic Forest in Brazil”, under the Scientific Cooperation Agreement between the Brazilian and Dutch organizations. San Pablo, February 2019.

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS (FAO). Senior Evaluation Expert, Independent Evaluation Arrangement (IEA) of the CGIAR. First evaluation of CGIAR Research Program on Forests, Trees and Agroforestry. June 2013-May 2014.

Thrive Natural Care, San Francisco, CA., <https://thrivecare.co/>. Advise this natural care company in the sustainable extraction and use of non-timber forest products, organic/biodynamic farming, ecosystem restoration, and collaboration with local and/or indigenous communities, for improving the landscape(s) from which the company's raw materials are sourced. 2012 and beyond.

Runa Foundation/Fundación Runa, www.runafoundation.org. Advice Fundación Runa in their goal of providing tools and resources to indigenous communities and farmers' associations for sustainable development in the Ecuadorian Amazon. Development of Domestication Manual for use of *Ilex guayusa* in agroforestry systems. Tena, Ecuador, 2012-2018.

Winrock International Institute for Agricultural Development under Winrock's cooperative agreement with the USAID Global Climate Change: Carbon Reporting Initiative. Compiling data on biomass accumulation rates of Agroforestry Systems per defined region or country across the tropics and conceptualizing improvements to the USAID Agroforestry Carbon Tool. April-August 2012.

Research Council of Norway, Division for Strategic Priorities, Climate and the Environment. Review and evaluation of proposals, 2010- 2013.

Finland Academy of Science, Research Council for Culture and Society, Review and evaluation of proposals, 2012, 2013.

Deutscher Akademischer Austausch Dienst (DAAD), German Academic Exchange Service. Review and evaluation of proposals, NoPa (Novas Parcerias) project: New Partnerships-linking academic cooperation with technical cooperation; support of multidisciplinary research cooperation between Brazil and Germany. October 2011.

EcoPlanet Group. Productivity assessment of *Guadua angustifolia* plantations for the Atlantic coast of Nicaragua. A report. March, 2011.

Argentine Secretary of Environment, under Project PNUD ARG 08/008. (United Nations Development Program, Argentina). Mecanismos de valorización de servicios ambientales. Propuesta de continuación de los estudios de caso de Cuenca Futaleufú y Cuenca Los Pericos – Manantiales. Report. With A. Martinez Duarte and B. Eibl, from Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Argentina. June 2010.

Argentine Secretary of Environment, under Project PNUD ARG 08/008. (United Nations Development Program, Argentina). Mecanismos de fomento y compensación económica de servicios ambientales derivados de bosques nativos, presentación de modelos que demuestren el funcionamiento del mercado de servicios ambientales, y propuestas de correctivos necesarios previos a operaciones de mayor amplitud. Report. With A. Martinez Duarte and B. Eibl, from Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Argentina. May 2010.

Carbon Sequestration Program of the United States Department of Energy (DOE), Annual reviews of project progress, 2003-2005.

PROFESSIONAL SERVICES, ADVISOR

Yale College Fulbright Campus Review Committee 2016-present. Advise Yale College students in their proposal to conduct research funded by the U.S. Student Fulbright Program, evaluation of proposals for their endorsement by the Yale College Fulbright Campus Review Committee.

Steering Committee Member of FTA (Forests, Trees and Agroforestry) CGIAR Program. 2015-present.

Senior Fellow, Energy and Climate Partnership of the Americas (ECPA) Program, Bureau of Western Hemisphere Affairs (WHA), U.S. Department of State, 2011-2013.

Scientific Advisor to Runa Foundation/Fundación Runa, www.runafoundation.org, market-oriented, sustainable development of non-timber forest products, Ecuador-Peru. 2011- present

Scientific Advisor to PRORENA, Smithsonian Tropical Research Institute (STRI), Panama / Yale University School of Forestry and Environmental Studies, 2001- 2012.

Scientific Advisor to Ecomaderas Project, Cristobal Colon, Esmeraldas Province, Ecuador, Pinchot Institute. 2007-2012.

Scientific Advisor to Reforest the Tropics, Hester Barres, Mystic, CT, 2007-2012.

Scientific Advisor to Futuro Forestal Company, Las Lajas, Chiriqui, Panama, 2007-2012.

Coordinator, 1.02.01 Tropical plantation silviculture, International Union of Forestry Research Organization (IUFRO), 2005-2010.

Deputy Coordinator, Division I (Silviculture), International Union of Forestry Research Organization (IUFRO), 2001-2005.

Deputy Chair, Working Party of Silviculture in Latin America, Tropical Silviculture Research Group, Division I (Silviculture), International Union of Forestry Research Organization (IUFRO), 1996-2005.

Deputy Chair, Working Party of Tropical Forest Restoration, Research Group of Restoration of Degraded Sites, Division I (Silviculture), International Union of Forestry Research Organization (IUFRO), 1996-2005.

PROFESSIONAL SERVICES, MEMBER OF EDITORIAL BOARDS:

Associate Editor of Trees, Forest and People (TFP), a new journal by Elsevier, www.elsevier.com/locate/TFP. August 2021-April 2022

Editorial Board Member:

Journal of Sustainable Forestry
 Bois et Forets des Tropiques (CIRAD, Montpellier, France)
 Investigación Agraria: Sistemas y Recursos Forestales (INIA, Madrid, Spain)
 Recursos Naturales y Ambiente (CATIE, Costa Rica)
 Ciencia e Investigación Forestal (INFOR, Chile)
 Yvyrareta (Argentina)

PROFESSIONAL SERVICES, REVIEWER:

Journals:

Agronomía Costarricense (Univ. of Costa Rica)
 Biotropica
 Bois et Forets des Tropiques

Forest Ecology and Management
 Investigación Agraria, Sistemas y Recursos Forestales (INIA, Spain)
 Journal of Sustainable Forestry
 New Forests
 Recursos Naturales y Ambiente (CATIE, Costa Rica)
 Yvyrareta (Argentina)

Books:

Island Press
 Taylor and Francis
 Oxford University Press
 Yale University Press

Proposals:

Academy of Sciences of Finland, Academy of Sciences of Norway, International Foundation for Science (Sweden), Netherlands Organisation for Scientific Research (NWO), Deutscher Akademischer Austausch Dienst (DAAD), German Academic Exchange Service. Review/evaluate proposals on tropical forestry, agroforestry, tropical ecology, soil conservation and management, biodiversity conservation.

HONORS

Senior Fellow, Energy and Climate Partnership of the Americas (ECPA) Program, Bureau of Western Hemisphere Affairs (WHA), U.S. Department of State, **2011-2013**.

Affiliate Professor, Tropical Agricultural Research and Higher Education Center (CATIE), Turrialba, Costa Rica, **May 2002-present**.

Fellow, Saybrook College, Yale University, **2001-2015**.

Best Publication of the Year, 1999, Tropical Agricultural Research and Higher Education Center (CATIE), Turrialba, Costa Rica, for: Montagnini, F., Eibl, B., Woodward, C., Szczipanski, L. and Ríos, R. 1998. Tree regeneration and species diversity following conventional and uniform spacing methods of selective cutting in a subtropical humid forest reserve. *Biotropica* **30(3): 349-361**.

Honorary Professor, Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Argentina. 1995- present. In recognition of long-term academic contributions and collaborative research and education.

Guest of Honor, Facultad de Ciencias Agrarias, Universidad Nacional de Rosario, Argentina. 1993. In recognition of outstanding achievements by University Alumni.

Nominee, Pew Scholars Program in Conservation and the Environment, 1991.

Honorary Professor, Escuela de Biología, Universidad de Costa Rica, San José, Costa Rica. 1988-present. In recognition of long-term student advising and collaboration in educational and research programs.

MEDIA ACTIVITIES:

- Interview, “Islas de biodiversidad” by Jacobo Patiño Giraldo, at the V Congreso Colombiano y VI Congreso Iberoamericano del Caribe de Restauración Ecológica. Pontificia Universidad Javeriana, Bogotá, Colombia, 16 de junio de 2023. For publishing an article on the online journal, *Pesquisa Javeriana*, published online August 4, 2023, “Islas de biodiversidad: santuarios de restauración y motores de producción”, <https://www.javeriana.edu.co/pesquisa/islas-de-biodiversidad/>
- “Islas de Biodiversidad” En: SEMINARIO VIRTUAL: Agricultura Amigable con los Polinizadores: el caso de las franjas florales. Estrategia Nacional para la Conservación y Uso Sustentable de los Polinizadores (ENCUSP). May 11, 2023. Gobierno de México, Secretaría de Agricultura y Desarrollo Rural, Benito Juárez, CP. 03310, México, www.gob.mx/agricultura. See Announcement: <https://www.dropbox.com/s/xj0w65mpl15m2si/FRANJAS%20FLORALES%20Mexico%20Mayo%202023.pdf?dl=0>. , view video of whole seminar: <https://www.youtube.com/watch?v=o-9FDoNlcPc>
- Charla Multidistrital “Islas de Biodiversidad”, April 24, 2023. Capacitaciones 2.0. Rotary Club Ovidio Lagos, Distret 4945, Rosario, Argentina, along with all districts in Argentina, also districts from Uruguay and Paraguay. With Libertario González, INTA Oliveros, Argentina. See announcement: <https://www.dropbox.com/s/inqunewwy1100y5/Islas%20de%20biodiversisas%20Rotary%20Abril%202023.jpg?dl=0>
- Interview, CNN en Español, from CNN studio in Atlanta, Ga, USA. Aired April-June, 2023. “Agricultura sostenible. Islas de Biodiversidad” (“Sustainable Agriculture. Biodiversity Islands”) GloboEconomía/CNN with Jose Antonio Montenegro. A Warner Bros Discovery production. Watch video: Reduced version in YouTube: <https://youtu.be/c26KwI1Vc6o>
- La importancia y el diseño de islas de biodiversidad en el paisaje. El papel de los sistemas agroforestales. Secretaria de Extensión FCF. Topic: Diplomatura en Yerba Mate. Transmedia, Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. <https://www.youtube.com/watch?v=t5c48jldZk0>
- Interview, CNN en Español, from CNN studio in Atlanta, Ga, USA. Aired October 8 and 9, 2022. “Islas de Biodiversidad para Salvar al Campo” (“Biodiversity Islands to Save the Farm”)GloboEconomía/CNN with Jose Antonio Montenegro. A Warner Bros Discovery production. Watch video: Reduced version in YouTube: <https://www.youtube.com/watch?v=1-rPE910nI4>
Whole version: https://www.dropbox.com/sh/cuagd7386soa26g/AAD3zG9_fepOLhHIiOIHL6Sca?dl=0
- Interview, CNN en Español, from CNN studio in Atlanta, Ga, USA. Aired July 23 and 24, 2022. “Aprender de la Naturaleza” (“Learning from Nature”). For GloboEconomía, a

CNN program with José Antonio Montenegro, a Warner Media production. Watch video: <https://youtu.be/6qaQqaECFdY>. Reproduced from video recorded February 2022.

- Connecticut Land Conservation Council Newsletter, <https://ctconservation.org/>, and North Branford Land Conservation trust, <https://nblandtrust.org/>. Biodiversity Book Feature, - Florencia Montagnini, Biodiversity Islands: Strategies for Conservation in Human-Dominated Environments
- Florencia Montagnini, North Branford Land Conservation Trust (NBLCT) member and author, featured NBLCT in her recently published book, Biodiversity Islands: Strategies for Conservation in Human-Dominated Environments as an exemplary representation of community involvement to conserve land as open space. She discussed the 26-acre donation of the Harrison Farm Preserve to NBLCT to be protected and preserved in its natural state in perpetuity -- land that otherwise would have been desired for development. Under the ownership of NBLCT, the farm now serves as a “true biodiversity island in an otherwise suburban landscape”...
- Conversatorio: Mujeres, Sustentabilidad y Desarrollo, en el marco del Día Internacional de la Mujer (A Conversation: Women, Sustainability and Development, in the framework of the International Day of Women). UNAM-Boston, Universidad Nacional Autónoma de México, Centro de Estudios Mexicanos, Boston, MA. Cordinated by Héctor Zavala, Amneris Chaparro, with participation by Florencia Montagnini, Lucía Gabriela Cicci, Margarita Velazquez. Recorded via zoom, March 4, 2022. Available on facebook:<https://fb.watch/bFLyp1ahZX/> and youtube: <https://youtu.be/drz1RzByNHM>
- Interview, CNN en Español, from CNN studio in Atlanta, Ga, USA. Aired Feb. 27 and 27, 2022. “Aprender de la Naturaleza” (“Learning from Nature”). For GloboEconomía, a CNN program with José Antonio Montenegro, a Warner Media production. Watch video: <https://youtu.be/6qaQqaECFdY>
- Interview, CNN en Español, from CNN studio in Atlanta, Ga, USA. Aired March 27 and 28, 2021. “Pandemia, Biodiversidad y Futuro” (“Pandemic, Biodiversity and the Future”). For GloboEconomía, a CNN program with Jose Antonio Montenegro, a Warner Media production. Watch video: <https://www.youtube.com/watch?v=f68tzy65zq4> or, Cómo afectó el ser humano a la biodiversidad - YouTube or: <https://www.dropbox.com/sh/dt2qv36nm01vjc2/AACkwELkcbZKHZiqT8tPM2QBa?dl=0>
- Presentation: Montagnini.F. La contribución de los sistemas agroforestales a la restauración y conservación en islas de biodiversidad (“Contribution of agroforestry to restoration and conservation in biodiversity islands”). FCF desde casa, ciclo de conferencias, Bloque: Conservación. Facultad de Ciencias Forestales, Universidad Nacional de Misiones, Eldorado, Misiones, Argentina. Transmisión por el canal de YouTube: Transmedia FCF. June 5, 2020. https://youtu.be/IX_kVjQ88II
- Interview, via zoom, Rotary Club Bella Vista, Buenos Aires, Argentina. “Proyectos Agro Forestales” (“Agroforestry projects”). May 26, 2020.
- Interview, CNN en Español, virtual interview from CNN studio in Atlanta, Ga, USA. Aired May 16 and May 17, 2020. “Regenerar el Planeta Tierra” (“Regenerating Planet Earth”). For GloboEconomía, a program broadcast throughout Latin America and Spain. See video: https://youtu.be/Tz9Fu_lvuys and also https://www.youtube.com/watch?v=Tz9Fu_lvuys&feature=youtu.be
- Interview for cultural magazine from Miami (Letra Urbana, <http://letraurbana.com/> on research conducted by Latin American women: “Equilibrios íntimos. Los bosques y los suelos tropicales y sus servicios Ambientales” (Intimate Balances: Tropical Forests and

Soils and their Environmental Services). <http://letraurbana.com/articulos/equilibrios-intimos-los-bosques-tropicales-y-sus-servicios-ambientales/?fbclid=IwAROMUJUYIGQWiLemfHYoSDp8mBOXvgmpTWntKWM65vpjwXUcRAwVFdmWILA>. Incluido en: *Sociedad* Edición: 41. April, 2019.

- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, June 8, 2016. Agroforestry systems, Organic farming, Silvopastoral systems, for GloboEconomía, a program broadcast throughout Latin America.
- Interview, US Embassy in Lima, Peru, Regional Environmental Office (REO) for posting in REO's website: REDD+ programs, my experience with REDD+ in Latin America. May 2, 2012.
- Interview: "Los sistemas agroforestales como herramienta para el manejo sostenible de bosques en América Latina", for local media (newspaper, TV) at Ucayali Regional Agriculture Directorate, Pucallpa, Peru, May 3, 2012.
- Interview, local TV channel: climate change mitigation and adaptation, agroforestry systems as an adaptation and mitigation tool, native tree species, reforestation. Eldorado, Misiones Argentina, June 8, 2012.
- Interview for magazine: "Argentina Forestal": climate change mitigation and adaptation, agroforestry systems as an adaptation and mitigation tool, native tree species, reforestation. Eldorado, Misiones Argentina, June 8, 2012.
- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, July 26, 2011. Programs of Payments for Environmental Services, Ecosystem restoration, Agroforestry systems, Organic farming, for GloboEconomía, a program broadcast throughout Latin America and Spain.
- Interview, Clima de Cambios, Electronic Newsletter, Pontificia Universidad Católica del Perú, Lima, Perú, August 17, 2011: "En ningún país puede haber conservación si no hay estabilidad social". Published on line 12 September, 2011.
<http://www.pucp.edu.pe/climadecambios/index.php?tmpl=articulo&id=1345>
- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, Jan. 5, 2010. Organic farming with yerba mate in Misiones, Argentina, its ecological, economic, social and environmental benefits, aired in GloboEconomía, a program broadcast throughout Latin America and Spain.
- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, Jan. 5, 2010. Ecosystem restoration, Organic farming. A total of 4 videos: "Especial Verde: La necesaria sostenibilidad", available from electronic editions of 14 newspapers throughout Latin America and Spain.
- Interview, Rural TV channel: native tree species, reforestation, mixed plantations, payments for environmental services. Posadas, Misiones Argentina, April 30, 2010.
- Interview, radio station: Mixed species plantations with native trees, Payments for Environmental Services. Posadas, Misiones Argentina, May 1, 2010.
- Interview: "Bosques en Costa Rica se cuidan con impuesto a los combustibles". El Territorio, Posadas, Argentina, p. 10, May 5, 2010.
- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, Nov. 17, 2008. Projects for reforestation and restoration promoted by programs of Payments for Environmental Services, aired on GloboEconomía, a program broadcast throughout Latin America and Spain.

- Interview for article in the Sunday edition of the Ecuadorian newspaper: “El Comercio,” September 8, 2007: “El clima evoluciona y es impredecible.”
- Meeting at Argentine Consulate, New York, Oct 2007, with Argentine president Cristina Kirchner, Minister of Education of Argentina and the Ambassador of Argentina in the USA: influence of Argentine scientists living in the USA and their collaboration with Argentine scientists living in Argentina.
- Interview, CNN en Español, CNN studio, New York Stock Exchange, Wall Street, New York, Nov 10-11, 2007. Payments for Environmental Services for reforestation in Latin America: aired on GloboEconomía, a program broadcast throughout Latin America and Spain.

RESEARCH PUBLICATIONS

BOOKS

- 12. Montagnini, F.** (Ed.) 2023. *Integrating landscapes: Agroforestry for biodiversity conservation and food sovereignty*. 2nd. Edition. Advances in Agroforestry Series, Springer, Cham. In preparation, June 2022
- 11. Montagnini, F.** (Ed.). 2022. *Biodiversity Islands. Strategies for Conservation in Human-Dominated Environments*. Series: Topics in Biodiversity and Conservation 20, Springer, Cham. (eBook): <https://doi.org/10.1007/978-3-030-92234-4>. 709 pp
- 10. Montagnini, F.** (Ed.) 2017. *Integrating landscapes: Agroforestry for biodiversity conservation and food sovereignty*. Advances in Agroforestry Series 12, Springer, Cham, 501 pp. <https://doi.org/10.1007/978-3-319-69371-2>
- 9. Montagnini, F., Somarriba, E., Murgueitio, E., Fassola, H., Eibl, B.** (Eds.). 2015. *Sistemas Agroforestales. Funciones productivas, socioeconómicas y ambientales. Serie Técnica Informe Técnico 402, CATIE, Turrialba, Costa Rica*. Fundación CIPAV. Cali, Colombia. 454pp. <https://drflorenciamontagnini.wordpress.com/montagnini-et-al-2015-spanish-agroforestry-book/>
- 8. Montagnini, F.** and Finney, C. (eds). 2011. *Restoring degraded landscapes with native species in Latin America*. Nova Science Publishers, New York. 244pp.
- 7. Montagnini, F., Francesconi, W. and Rossi, E.** (eds.). 2011. *Agroforestry as a tool for landscape restoration*. Nova Science Publishers, New York. 201pp.
- Redondo Brenes, A., and **Montagnini, F.** 2010. *Forested habitats and human-modified land-use effects on avian diversity*. Nova Science Publishers, Inc. New York. **63 pp.**
- 5. Montagnini, F.** and Jordan, C. F. 2005. *Tropical Forest Ecology. The Basis for Conservation and Management*. Springer-Verlag, Berlin-New York. **295 pp.**

4. **Montagnini, F.** 2005. (Editor). *Environmental Services of Agroforestry Systems*. Haworth Press. New York. **126 pp.**
3. Ashton, M. and **Montagnini, F.** (Editors.). 2000. *The Silvicultural Basis for Agroforestry Systems*. CRC Press. Boca Raton, Florida, USA. **278 pp.**
2. **Montagnini, F.** (et al.). 1992. *Sistemas Agroforestales. Principios y Aplicaciones en los Trópicos*. 2da. ed. rev. y aum. Organización para Estudios Tropicales (OTS). San José, Costa Rica. **622 pp.** <http://www.ots.ac.cr/images/downloads/information-resources/library/sistemasagroforestales.pdf>
1. Organization for Tropical Studies and Centro Agronómico Tropical de Investigación y Enseñanza. (OTS/CATIE). 1986. *Sistemas Agroforestales. Principios y Aplicaciones en los Trópicos*. O.T.S., San José, Costa Rica. **818 pp.** (Principal contributor and editor).

RESEARCH ARTICLES

1-Published refereed articles

103. Elias de Melo Virgínio Filho, Eduardo Somarriba, Rolando Cerda, Fernando Casanoves, Carlos Cordero, Jacques Avelino, Olivier Roupsard, Bruno Rapidel, Philippe Vaast, Jean Michel Harmand, Charles Staver, John Beer, Argenis Mora, Víctor Hugo Morales, Carlos Fonseca, Víctor Vargas, Luis Guillermo Ramírez, Gabriela Soto, Marney Isaac, Lolita Durán Umaña, Ana Tapia Fernández, Luis Fernando Romero, René León Gómez, Harold Gamboa, Pedro Diniz, Osvaldo Viu Serrano Junior, Leila Pires Bezerra, Zigomar Menezes de Souza, Carlos Caicedo, Jimmy Pico, **Florencia Montagnini**, Jeremy Haggard. 2021. Aportes a la investigación, fortalecimiento de capacidades y formulación de políticas para el sector cafetalero en 20 años de ensayos de sistemas agroforestales con café. *Agroforestería en las Américas* 51: 107-151. <https://www.researchgate.net/publication/353779752>, www.catie.ac.cr/revistas/
102. Piotto, D., Luiz Fernando Silva Magnago, **F. Montagnini**, M. Ashton, C. Oliver, W. Thomas. 2021. Nearby mature forest distance and regenerating forest age influence tree species composition in the Atlantic forest of Southern Bahia, Brazil. *Biodiversity and Conservation*, <https://doi.org/10.1007/s10531-021-02192-w>
101. Piotto, D., K. Flesher, A. Nunes, S. Rolim, M. Ashton, **F. Montagnini**. 2020. Restoration plantings of endangered non-pioneer tree species in open fields, young secondary forests, and rubber plantations in Bahia, Brazil. *Forest Ecology and Management* 474: 118389. <https://authors.elsevier.com/c/1bOhQ1L~GwOHKS>, <https://www.sciencedirect.com/science/article/abs/pii/S0378112720311580>
100. Piotto, D., D. Craven, **F. Montagnini**, M. Ashton, C. Oliver, W. Thomas. 2019. Successional, spatial, and seasonal changes in seed rain in the Atlantic forest of southern Bahia, Brazil. *PLoS ONE* 14(12): e0226474. <https://doi.org/10.1371/journal.pone.0226474>

99. Montes Londoño, I., **Montagnini F.**, Ashton, M. 2017. Allometric Relationships and Reforestation Guidelines for *Maclura tinctoria*, an Important Multi-Purpose Timber Tree of Latin America. *New Forests* 49(2): 249-263, DOI 10.1007/s11056-017-9617-1
98. Guerrero-Ramirez, N.R., D. Craven, P. B. Reich, J. J. Ewel, F. Isbell, J. Koricheva, J. A. Parrotta, H. Auge, H. E. Erickson, D.I. Forrester, A. Hector, J. Joshi, **F. Montagnini**, C. Palmborg, D. Piotto, C. Potvin, C. Roscher, J. van Ruijven, D. Tilman, B. Wilsey, N. Eisenhauer. 2017. Diversity-dependent temporal divergence of ecosystem functioning in experimental ecosystems. *Nature Ecol Evol* 1: 1639-1642. DOI: 10.1038/s41559-017-0325-1.
97. Metzel, R., **Montagnini, F.** 2015. From “Finca” to Forest: Factors Associated with Conserving and Planting Trees in a Panamanian Agricultural Landscape. *Bois et Forets des Tropiques* 322: 3-15.
96. **Montagnini, F.** 2014. Los sistemas agroforestales en proyectos REDD+ para el desarrollo rural. *Revista Forestal Yvyrareta (Argentina)* 21: 52 – 58.
95. Rappaport, D., **F. Montagnini**. 2014. Tree species growth under a rubber (*Hevea brasiliensis*) plantation: Native restoration via enrichment planting in southern Bahia, Brazil. *New Forests* 45 (5):715-732.
94. Schneider, T., Ashton, M. S., **Montagnini, F.**, and Milan, P. P. 2014. Growth performance of sixty tree species in smallholder reforestation trials on Leyte, Philippines. *New Forests* 45(1):83-96. DOI 10.1007/s11056-013-9393-5
93. **Montagnini, F.**, Ibrahim, M. and Murgueitio Restrepo, E. 2013. Silvopastoral systems and mitigation of climate change in Latin America. *Bois et Forets des Tropiques* 316 (2): 3-16. <https://drflorenciamontagnini.wordpress.com/silvopastoral-systems-and-climate-change-mitigation-in-latin-america/>
92. **Montagnini, F.** 2012. Los sistemas agroforestales y su contribución para la mitigación y adaptación al cambio climático. Alcance- Revista de la Facultad de Agronomía UCV-Maracay. Venezuela. 71:1-24.
91. **Montagnini, F.**, Eibl, B., Barth, S. R. 2011. Organic yerba mate: an environmentally, socially and financially suitable agroforestry system. *Bois et Forets des Tropiques* 308: 59-74. <https://drflorenciamontagnini.wordpress.com/organic-yerba-mate-an-environmentally-socially-and-financially-suitable-agroforestry-system/>
90. Paul, G. S., **Montagnini, F.**, Berlyn, G. P., Craven, D. J., VanBreugel, M., and Hall, J. S. 2012. Foliar herbivory and leaf traits of native tree species in a young plantation of Central Panama. *New Forests* 43 (1): 69-87.

89. Santana, R., Parra Vázquez, M. R., Salvatierra, E. B., Arce Ibarra, A. M. and **Montagnini, F.** 2013. Políticas turísticas, actores sociales y ecoturismo en la Península de Yucatán, México. *Revista Economía, Sociedad y Territorio (Mexico)* 43: 641-674.
88. **Montagnini, F.** and Finney, C. 2011. Payments for Environmental Services in Latin America as a Tool for Restoration and Rural Development. *Ambio* 40:285–297. DOI: 10.1007/s13280-010-0114-4. <https://drflorenciamontagnini.wordpress.com/payments-for-environmental-services-in-latin-america-as-a-tool-for-restoration-and-rural-development/>
87. Ilany, T., Ashton, M. S., **Montagnini, F.**, and Martinez, C. 2010. Using agroforestry to improve soil fertility: effects of intercropping on *Ilex paraguariensis* (yerba mate) plantations with *Araucaria angustifolia*. *Agroforestry Systems* **80(3): 399-409.**
86. Ceperley, N., **Montagnini, F.**, and Natta, A. 2010. Role of Sacred Pools for Riparian Forest Conservation. *Bois et Forêts des Tropiques* **303(1): 5-23.**
85. Piotta, D., Craven, D., **Montagnini, F.**, and Alice, F. 2010. Silvicultural and economic aspects of pure and mixed native tree species plantations on degraded pasturelands in humid Costa Rica. *New Forests* **39: 369-385.** (Online: DOI 10.1007/s11056-009-9177-0).
84. Calle, A., **Montagnini, F.** and Zuluaga, A. F. 2009. Farmer's Perceptions of Silvopastoral System Promotion in Quindío, Colombia. *Bois et Forêts des Tropiques* **300(2): 79-94.**
83. Piotta, D., **Montagnini, F.**, Thomas, W., Ashton, M., and Oliver, C. 2009. Forest recovery after swidden cultivation across a 40-year chronosequence in the Atlantic forest of southern Bahia, Brazil. *Plant Ecology*. (Online: doi:10.1007/s11258-009-9615-2).
82. **Montagnini, F.**, Cerezo, A., Lam Bent, H. S., Finney, C., and Kim, T. J. 2008. Reforestación para control de pastos invasores y protección de cuencas hidrográficas en el Canal de Panamá. Reforestation for control of invasive grass and watershed protection in the Panama canal. *Yvyrareta (Argentina)* **15: 33-38.**
81. Butler, R., **Montagnini, F.**, and Arroyo, P. 2008. Woody Understory Plant Diversity in Pure and Mixed Native Tree Plantations at La Selva Biological Station, Costa Rica. *Forest Ecology and Management* **255: 2251-2263**
80. **Montagnini, F.**, Suárez Islas, A., and Araújo Santana, M. R. 2008. Participatory approaches to ecosystem restoration in Hidalgo, Mexico. *Bois et Forêts des Tropiques* **295(1): 5-20.**
79. Kim, T. J., **Montagnini, F.** and Dent, D. 2008. Rehabilitating abandoned pastures in Panama: control of the invasive exotic grass, *Saccharum spontaneum* (L.), using artificial shade treatments. *Journal of Sustainable Forestry* **26(3): 192-203.**
78. Orozco Zamora, C. and **Montagnini, F.** 2007. Seed rain and seed dispersal agents in pure and mixed plantations of native trees and abandoned pastures at La Selva Biological Station, Costa Rica. *Restoration Ecology* **15(3): 453-461.**

77. Orozco Zamora, C. and **Montagnini, F.** 2007. Lluvia de semillas y sus agentes dispersores en plantaciones forestales de nueve especies nativas en parcelas puras y mixtas en la Estación Biológica La Selva, Costa Rica. *Recursos Naturales y Ambiente* (Costa Rica) **49**: 131-140.
76. Orozco Zamora, C, Ramírez N., and **Montagnini, F.** 2007. Crecimiento de *Dipteryx panamensis* (Pittier) Record & Mell (almendro) en tres sistemas diferentes de plantación. *Recursos Naturales y Ambiente* (Costa Rica): **49**.
75. **Montagnini, F.** 2006. Pueden las plantaciones forestales actuar como catalizadoras de la sucesión secundaria? *Revista Forestal Kuru* (Costa Rica) **3(9)**: 1-11.
74. Redondo, A., and **Montagnini, F.** 2006. Growth, productivity, biomass, and carbon sequestration of pure and mixed native tree plantations in the Atlantic lowlands of Costa Rica. *Forest Ecology and Management* **232**: 168-178.
73. Kim, T. J., **Montagnini, F.**, Cedeño, N., Dent, D. and Mariscal, E. 2006. Investigation of shading as a method for controlling wild sugarcane on abandoned lands (Panama). *Ecological Restoration* **24(3)**: 203-204.
72. Petit, B., and **Montagnini, F.** 2006. Growth in pure and mixed plantations of tree species used in reforesting rural areas of the humid region of Costa Rica, Central America. *Forest Ecology and Management* **233**: 338-343
71. **Montagnini, F.**, Eibl, B., and Fernández, R. 2006. Rehabilitation of degraded lands in Misiones, Argentina. *Bois et Forêts des Tropiques* **288**: 51-65.
70. **Montagnini, F.**, Eibl, B. and Fernández, R. 2005. Adaptabilidad y crecimiento de especies forestales nativas de bosque húmedo subtropical en sitios degradados. *Yvyrareta* (Argentina) **15**:10-16.
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68. **Montagnini, F.**, Cusack, D., Petit, B., and Kanninen, M. 2005. Environmental Services of Native Tree Plantations and Agroforestry Systems in Central America. *Journal of Sustainable Forestry* **21(1)** 51-67.
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66. **Montagnini, F.**, and Nair, P. K. 2004. Carbon Sequestration: An under-exploited environmental benefit of agroforestry systems. *Agroforestry Systems* **61**: 281-295.

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63. Petit, B. and **Montagnini, F.** 2004. Growth Equations and Rotation Ages of Ten Native Tree Species in Mixed and Pure Plantations in the Humid Neotropics. *Forest Ecology and Management* **199: 243-257.**
62. Maldonado, E., and **Montagnini, F.** 2004. Carrying capacity of La Tigra National Park, Honduras: can the park be self-sustainable? *Journal of Sustainable Forestry* **19(4): 29-48.**
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Montagnini, F., B. Levin, K. E. Berg, L. H. González, B. I. Eibl. Successful Experiences with Biodiversity Islands Worldwide. Talk presented at: Open Sharing Session: Stories of Ecology, Community, Restoration, and Hope. 108th Ecological Society of America (ESA) Annual Meeting, Oregon Convention Center, Portland, Oregon, August 10, 2023.

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Niella, Fernando; Rocha, Patricia; Parra, Marina; Suarez, Gélica; Reutemann, Guillermo; Gauchat, María Elena; Barth, Sara Regina; **Montagnini, Florencia**; Bustamante, Karina Mariel; Keller, Karina; Thalmayr, Peggy Noemi; Maslowski, Gustavo Ariel; Dos Santos, Maximiliano Andrés. Tools for participatory domestication of three fruit species native to the Interior Atlantic Forest (selva paranaense) *Plinia cauliflora*, *Eugenia involucrata* and *Eugenia uniflora*). Herramientas para la domesticación participativa de tres especies de frutas nativas a la selva paranaense (*Plinia cauliflora*, *Eugenia involucrata* y *Eugenia uniflora*). I Simposio de Ciencias Agrarias del INTA. 3 y 4 de Noviembre 2022. Instituto Nacional de Tecnología Agropecuaria, Estación Experimental Agropecuaria Bariloche "Dr. Grenville Morris". Innovando ciencia: nuevas tecnologías aplicadas al mejoramiento genético Como

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Montagnini, F. Discussant, Challenge 3: Widespread unsustainable Land Use Practices, and Challenge 4: Persistent rural poverty with increasing levels of vulnerability. Special Independent Scientific Council (ISC) workshop with the Management Team and MELIA (Monitoring, Evaluation, Learning and Impact Assessment), on the FTA (Forests, Trees and Agroforestry, www.foreststreesandagroforestry.org) integrated impact studies. An Integrative Study of the Forests, Trees and Agroforestry Research Program (2010-2021), 30 November 2021(virtual).

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Levin, B. and **Montagnini, F** Biodiversity Islands: Establishing pockets of biodiversity in human dominated environments. Soil Not Oil Conference. <https://soilnotoilcoalition.org/> Sept. 9-10 2019, San Francisco, CA.

Montagnini, F. Moderator, panel: When disturbance becomes disaster: Planning, managing and recovering. Final Remarks of Conference. 25th Annual International Society of Tropical Foresters (ISTF) Conference. Yale University School of Forestry and Environmental Studies, New Haven, CT, January 31- February 2, 2019.

Montagnini, F. Moderator, panel on Anthropology, Ecology & Environmental Studies as part of the Conference “Brazilian Studies in the United States: The Road Ahead”, organized by the MacMillan Center for International and Area Studies, Council on Latin American and Iberian Studies (CLAIS). Henry R. Luce Hall, Yale University, New Haven, CT, November 30, 2018.

Montagnini, F. Keynote address: The contribution of agroforestry to biodiversity conservation and food sovereignty. IUFRO Conference “Adaptive management for Forested Landscapes in transformation”. Posadas, Misiones, Argentina, October 1-5, 2018.

Montagnini, F., B. Levin, K. E. Berg. Organizers and leaders, Conference Session entitled: Biodiversity Islands: Pockets of Protected Land in Human Dominated Environments. Topic: Human-nature relationships to support sustainable forested landscapes, IUFRO Conference “Adaptive management for Forested Landscapes in transformation”. Posadas, Misiones, Argentina, October 1, 2018.

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- Chang, V., J. Lechner, J. Slusser and **F. Montagnini**. Evaluation of reforestation success of 19 native tree species of tropical dry forest in cattle ranching landscapes in the Azuero Peninsula, Panama. Conference Session entitled: Agroforestry: building relationships between human populations and nature to make forest and agricultural landscapes sustainable. Topic: Human-nature relationships to support sustainable forested landscapes, IUFRO Conference “Adaptive management for Forested Landscapes in transformation”. Posadas, Misiones, Argentina, October 2, 2018.
- Montes I., Ashton M., and **Montagnini F.** Reforestation guidelines for *Maclura tinctoria*, an important multi-purpose tree of Latin America. IX Congreso Internacional de Sistemas Silvopastoriles. IX International Congress on Silvopastoral Systems. Manizales, Colombia. Sep. 6-8, 2017. <http://silvopastoril2017.org>
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- Montagnini, F.** The Contribution of Agroforestry to Sustainable Development Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture. Yale Food Systems Symposium: Feeding a Growing World-Perspectives in 2016. Panel Session 1: The Nexus of Indigenous Knowledge and Agroecology. September 30th, 2016. Burke Auditorium, Yale University, School of Forestry and Environmental Studies, New Haven, CT.
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- Montagnini, F.** El papel de los sistemas agroforestales en la restauración a la escala del paisaje. (Presentación en Panel de Expertos); Conceptos, principios y potencialidades de los sistemas agroforestales (Presentación en Mesa de Trabajo sobre Prácticas ejemplares de Manejo Sostenible de la Tierra); Causas de la degradación y alternativas: reforestación con especies nativas, ejemplos exitosos en América Latina (Presentación en la Mesa de trabajo sobre la Alianza por el Millón de Hectáreas Reforestadas). Segundo Foro Nacional sobre Manejo Sostenible de la Tierra: Involucrando a la gente a recuperar la

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