

Marcello Hernández-Blanco, Ph.D.

Personal information

Date of birth: 03/30/1983

San José, Costa Rica

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Lead economist at Conservation Strategy Fund. International consultant and speaker with more than a decade of experience in sustainable development projects, with an emphasis in ecological economics, natural capital assessment and climate change. PhD in ecological economics at The Australian National University. IPBES Lead Author for the America's assessment on the state of the biodiversity and ecosystem services, and Fellow for the IPBES thematic assessment regarding the diverse conceptualisation of multiple values of nature and its benefits. Member of the thematic group on ecosystem services from the IUCN Commission of Ecosystem Management. Member of the global steering committee of the Ecosystem Services Partnership and president of the network in Costa Rica. Conservation Photographer. Author of the book "A Tropical Conservation Story". Climate leader trained by Al Gore.

Languages

English

Spanish

Education

The Australian National University

Ph.D. in Ecological Economics (2016 – 2019)

Supervisor: Robert Costanza

The University of Edinburgh, Scotland

Master of Science in Biodiversity, wildlife and ecosystem health (2011 – 2014)

Interamerican University of Costa Rica

Master's degree in Environmental Management (2007 – 2008)

Latin University of Costa Rica

Bachelor's degree in Industrial Engineering (2003 – 2007)

Latin University of Costa Rica

Bachelor's degree in Biology with emphasis in ecology and sustainable development (Credits obtained: 72) (2001 – 2003)

Work experience

Lead economist, Conservation Strategy Fund. April 2022 – Present

Lead CSF's scientific and management strategy on economic valuation of natural capital and conservation finance.

- Gap and baseline analysis to achieve target 3 of the CBD Post-2020 Biodiversity Framework. GEF-WWF.
- Economic analysis for the implementation of conservation strategies. TNC.
- Assessment of the local level economic impact of poaching and illegal wildlife trade in southern Africa. USAID-Vukanow.
- The economic value of the blue natural capital in Dominica. Dynamic Planet.
- Designing a coral reef insurance for The Bahamas. TNC.
- Estimating the economic value of natural capital in the Okavango Basin. Wild Bird Trust.
- Designing and teaching the course “Integrating natural capital into investment decisions” in Washington, D.C.

International Consultant and Speaker in Sustainable Development. June 2012 – Present

Expert in design and implementation of sustainable development strategies and policies.

- Design of financial mechanisms to protect and restore blue and green infrastructure in Costa Rica. IUCN/Forever Costa Rica Association. January 2022 – present.
- Potential impact on natural capital and ecosystem services from agrochemicals in Costa Rica. UNDP. August 2021 – May 2022
- Adviser on economic valuation of natural capital and cost-benefit analysis in Indonesia and Bolivia. The World Bank. March 2021 – Present.
- Policy brief on lessons learned from the Payment for Ecosystem Services in Costa Rica to make recommendations to the government of China. Asian Development Bank. March 2021 – July 2021.
- International training on ecological economics with an emphasis on natural capital valuation. LATAM Education, Perú. December 2020 – January 2021.
- Design of the new Payment for Ecosystem Services scheme of Costa Rica. UNDP-BIOFIN. January 2020 – January 2022
- Economic valuation of ecosystems under the new Payment for Ecosystem Services scheme of Costa Rica. UNDP-BIOFIN. May 2020 - present
- Design of a new entrance fee model for all protected areas in Costa Rica. UNDP-BIOFIN. November 2019 – November 2021
- Design of a Marine Payment for Ecosystem Services scheme for Costa Rica. World Bank. June 2018 – January 2020
- Economic valuation of the ecosystem services provided by the mangroves of Guatemala and El Salvador. IUCN. March – October 2019
- Developing a tax on plastic in Costa Rica. UNDP Costa Rica. November 2018
- Economic valuation of the ecosystem services of the mangroves in the Gulf of Nicoya, Costa Rica. Conservation International Costa Rica. December 2017 – September 2018.
- Economic valuation of ecosystem services of 7 Ramsar wetlands in Costa Rica. UNDP Costa Rica. February 2017 – September 2017.
- Development and implementation of the Blue Carbon National Policy for Costa Rica, CATIE, 2014-2015
- Researcher for the State of the Nation Programme. Co-author of 3 papers: Biodiversity, Climate Change and the Coastal Zone. 2015

- Facilitator of the workshop on climate change and future socio-economical Scenarios in order to guide adaptation regional plans in the agricultural sector in Honduras. University for the International Cooperation, 2015
- Facilitator of the Workshop on future social-economical scenarios in order to design the Intended Nationally Determined Contribution of Costa Rica. University for the International Cooperation, 2015

Blue Economy and Impact Investment Coordinator, Costa Rica Forever Association. February 2019 – March 2020

Lead all projects on blue economy and impact investment at the organization.

Youth Coordinator, Earth Charter International Secretariat. August 2013 – October 2014

International Youth Network coordination, strategic planning, speaker.

President and CEO, One Biosphere. June 2012 – July 2013

Consultant, trainer, strategic planner of the organization.

Environmental Consultant, CEGESTI Foundation. June 2009 – June 2012

Consultant and trainer in more than 20 national and international projects on sustainable development topics such as climate change, biodiversity, renewable energy, sustainable production and consumption, protected areas, green economy, among many others.

- Renewable Energy Observatory for Latin America and the Caribbean, United Nations Industrial Development Organization (UNIDO), 2009
- Sustainable Procurement in the Public Sector, International Union for Conservation of Nature (IUCN), 2009
- Carbon Footprint Assessment, Bank of Costa Rica, 2009
- Carbon Footprint Assessment, Popular and Communal Development and Bank, 2010
- HACCP and BPM Implementation at COONAPROSAL R.L, COONAPROSAL / SCHOKLAND-SME CA&DR Fund, 2010
- Quality Management System development and implementation, Habitat for Humanity, 2010
- Green Procurement in Costa Rica, an approach for the private sector, Riteve SyC, 2010
- CSR Criteria to incorporate in the procurement process of the Responsible Supplier Program, National Bank of Costa Rica, 2010
- Socio-Environmental Assessment (due diligence), Tablemac (Colombia), 2010
- Process management and improvement, Asociación Costarricense para Organizaciones de Desarrollo, 2010
- Renewable Energy Observatory in Latin America and the Caribbean, Latin-American Organization of Energy, 2010
- Social and Environmental Business Opportunities at the Buffer Zone of the La Amistad International Park, Canadian Fund for Local Initiatives, 2010-2011
- Environmental Management under a Carbon Footprint Approach, International Institute for Democracy and Electoral Assistance (IDEA) (Sweden), 2010-2011
- Renewable Energy Observatory in Latin America and the Caribbean – Phase 2, Latin-American Organization of Energy, 2011
- Socio-Environmental Assessment (due diligence), Melones de Nicaragua (MELONICSA) (Nicaragua), 2011
- Renewable Energy Studies for Costa Rica, Latin-American Organization of Energy, 2011
- Initial Environmental Assessment, JIQUI, S.A., 2011
- Evaluation of the 3rd National Communication on Climate Change, PNUD– National Meteorological Institute, 2011
- Waste Management Plan, Municipality of Belén, 2011
- Sustainability Assessment, Congelados y Conservas S.A. (Guatemala), 2011
- Technical Structure for the elaboration of a Carbon Footprint Calculator, FUNDECOR, 2011
- Sustainability Assessment, Alimentos Campestres, 2012

- Environmental Performance Study, Organization for Tropical Studies, 2012
- Green Economy, Ministry of Foreign Affairs of Netherlands, 2012

Photographer for Sustainable Development. 2015 – Present

Specialized in environmental and cultural photography.

- Photographer, GIZ, 2018
- “Portraits of Water” project about ecosystem services and human well-being
- Photography Editor, Solutions Journal, 2016 - 2017
- Photographer, United Nations Development Programme, 2015 – 2017
- Storytelling for Sustainable Development, Holcim, 2015
- Storytelling for Sustainable Development, Business Association for Development, 2015
- Storytelling for Sustainable Development, ProParques, 2015

Climate Leader, The Climate Reality Project. October 2012 – Present

Climate Change trainer: 40 presentations and more than 1600 attendees.

PROMAR Foundation. July 2008 – Present

Main responsibilities: Development of environmental management plans, training, organizational strategy design.

Member of the Executive Board

Production Assistant, RTC Industries. August 2005 – December 2006

Main responsibilities: Times and moves studies, design and improvement process.

Academic Work

The University of Edinburgh. December 2021 - Present

Invited lecturer on Ecological Economics at the Master’s Degree on Biodiversity, wildlife and ecosystem health.

National University of Costa Rica. August 2021 – December 2021

Lecturer on Ecological Economics at the Master’s Degree on Ecological Agriculture.

INCAE Business School. September 2020

Lecturer at the international course on natural capital.

INCAE Business School. July 2020

Lecturer at the international course on Designing Bankable Climate Projects

National University of Costa Rica. May- September 2020

Lecturer of the Symposium on Ecological Economics for the Master’s Degree on Ecological Agriculture.

International Center of Economic Policy for Sustainable Development - National University of Costa Rica. 2015 – Present

Research fellow, lecturer and scholar in Ecological Economics.

Long Island University. 2013 - 2018

Lecturer, Global Studies

University for International Cooperation. February 2015 – 2016

Lecturer at the Master's Degree on Sustainable Business.

Latin University of Costa Rica 2009 – 2014

Lecturer at the Environmental Management Master's Program

Courses: Ecology and environment fundamentals, Natural resources conservation, Cleaner Production, Advanced topics of environmental management

University for Peace – Energy and Climate Change Postgraduate Certificate.

Lecturer, September 2015

Research affiliations

Fellow, Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). September 2018 – Present

IPBES thematic assessment regarding the diverse conceptualization of multiple values of nature and its benefits

Expert for America, Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES). January 2015 – June 2018

Lead author of the Regional Assessment. Coordinator of the climate change section of the report.

Early Career Researcher, Future Earth. May 2017 – December 2017

Research on the concepts of natural assets, natural capital and ecosystem services for the Knowledge Action Network of Future Earth.

Ecosystem Services Partnership. 2015 – Present

Chair for Costa Rica

Ecosystem Services Partnership. 2019 – Present

Steering Committee member

IUCN CEM Ecosystem Services. 2017 – Present

Commission Member

IUCN CEM Ecosystem Based Adaptation and Mitigation. 2017 – Present

Commission Member

IUCN CEM Young Professionals Network. 2017 – Present

Commission Member

Biodiversity and Ecosystem Services Network (BESNet). 2017 – Present

Member Expert in Biodiversity Finance

Government

Adviser in blue economy for the Ministry of Environment of Costa Rica. October 2018.

National Delegate at the United Nations Conference on Climate Change. Third part of the sixteenth session of the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol (AWG-KP 16) and the third part of the fourteenth session of the Ad Hoc Working Group on Long-term Cooperative Action under the Convention (AWG-LCA 14)
Panama City
October 2011

Complementary studies and certifications

Climate Bond Initiative/BIOFIN UNDP – November 2020
Green bonds bootcamp

Conservation Finance Network – June 2020
Conservation finance bootcamp

The Australian National University – February - May 2016
Ecological Economics course with Robert Costanza

The Australian National University – February - May 2016
Scenario planning course with Robert Costanza

National University of Costa Rica – November 2017
GIS and Multi Criteria Analysis course

National University of Costa Rica – September 2016
Geographic Information Systems (GIS) course

Stanford University – The Natural Capital Project, Costa Rica – September 2014
Introduction to the Natural Capital Approach

Research Programme of CGIAR on Climate Change, Agriculture and Food Security – University for International Cooperation, Costa Rica – March, April 2015
Socio-economic scenarios under a climate change framework for the development and assessment of plans, policies and investments

National University of Costa Rica – October 2014
Economic Valuation of Ecosystem Services: Methodologies and Case Studies

BirdLife International, Costa Rica – September 2014
An introduction to TESSA: Toolkit for Ecosystem Service Site-based Assessment

Earth Charter Center for Education for Sustainable Development, Costa Rica – January 2013
Executive Programme: Education and values for sustainable development

Earth Charter Center for Education for Sustainable Development, Costa Rica – November 2013
Executive Programme: Internalization of values and principles for sustainability

Earth Charter Center for Education for Sustainable Development, Costa Rica – July 2013
Executive Programme: International law, global governance and the Earth Charter Principles

United Nations University – University of Tokyo, Costa Rica – February 2013
Sustainability in Action International Seminar

The Climate Reality Project, USA – August 2012
Climate Leader certification by Al Gore

Central European University, Hungary – July 2010
Ecosystem Vulnerability to Climate Change: Methods of Assessment, Observations, and Forecast

National University of Costa Rica – May 2013
Methodological principles for monitoring biomass and carbon

Technology for the Public Organization, Argentina (e-learning) – December 2010
Environmental quality indicators

BSD Group Ltd, Costa Rica – November 2009
GRI Certified Training Program

CEGESTI, Costa Rica (e-learning) – May 2011
Internal Auditor Training in Quality Management Systems ISO 9001:2008

CEGESTI, Costa Rica – January 2012
Carbon Footprint Assessment

Conferences and presentations

2nd IWC – CMS workshop on cetacean ecosystem functioning – United Nations, Bonn, Germany
Presentation: Estimating one of the multiple values of nature – from functions to services
November 2023

GEF Assembly – British Columbia, Canada
Presentation: Role of economic data in supporting target 3 from the Global Biodiversity Framework
June 2023

CBD's Target 3 Partnership – University of Cambridge, UK
June 2023

IPBES 9th Plenary – Bonn, Germany
July 2019

IPBES fellowship global workshop – Bonn, Germany
July 2019

International Whaling Commission workshop on the socio economic benefits from cetaceans – Virtual event

Presentation: "Common Asset Trusts for marine natural capital stewardship"
April 2022

Symposium with Robert Costanza: Perspectives on Blue Economy – Costa Rica
Presentation: "The Blue Challenge: Investing in blue economy"
October 2019

PRECOP25 – Costa Rica
Presentation 1: "The Blue Challenge and a low emissions and resilient blue economy"
Presentation 2: "The oceans and climate change nexus for sustainable development"
October 2019

National Conservation Trust Funds Workshop on Sustainable Finance – Antigua and Barbuda
Presentation: "The Blue Challenge"
June 2019

Blue Economy Summit – Roatán, Honduras
June 2019

IPBES fellowship global workshop – Morocco
April 2019

2019 Natural Capital Symposium – Stanford University, United States
Presentation: "The economic value of ecosystem services from mangroves in Costa Rica"
March 2019

Third Regional Forum on Mangroves Conservation – Costa Rica
Presentation: "The economic value of ecosystem services from the mangroves of the Gulf of Nicoya"
November 2018

SEE (Sustainability, Ecology and Evolution) Congress – Costa Rica
Presentation: "Nature's value"
September 2018

2018 Natural Capital Symposium – Stanford University, United States
Presentation: "The Economic Value of 7 Ramsar Wetlands in Costa Rica"
March 2018

Symposium on Ecosystem Services, Mesoamerican Society for Biology and Conservation Congress – San José, Costa Rica
Presentation: "The Economic Value of 7 Ramsar Wetlands in Costa Rica"
November 2017

Central American Congress on Earth and Marine Science – San José, Costa Rica
Presentation: "The Economic Value of 7 Ramsar Wetlands in Costa Rica"
November 2017

A new vision for the natural capital of Costa Rica: A series of workshops with Robert Costanza - Heredia, Costa Rica.

Presentation #1: "Payment for Ecosystem Services 2.0 in Costa Rica"
Presentation #1: "The future value of ecosystem services in Latin America and the Caribbean"
October 2017

Future Earth Natural Assets Concept Definition Workshop – Bern, Switzerland
Presentation: "The concept of Natural Capital"
September 2017

A Community on Ecosystem Services Conference 2016 – Jacksonville, United States
Presentation: "The Future Value of Ecosystem Services in Latin America and the Caribbean"
December 2016

1st Latin American Ecosystem Service Partnership Conference – Cali, Colombia
Presentation: "The Future Value of Ecosystem Services in Latin America"
October 2016

IPBES Workshop on Multiple Values of Biodiversity and Ecosystem Services – Cali, Colombia
October 2016

International Society of Ecological Economics Conference – Washington DC, United States
June, 2016

International Seminar: Economic Policies for Sustainable Development – Heredia, Costa Rica
November, 2015

UNESCO World Conference on Education for Sustainable Development – Nagoya, Japan
November 2014

7th Annual Ecosystem Services Partnership Conference – Costa Rica
September 2014

International Seminar on Marine and Coastal Ecosystem Services – Costa Rica
September 2014

Ethics for Sustainability: New perspectives on leadership, decision-making and education – Costa Rica
January 2014

50th anniversary meeting of the Association for Tropical Biology and Conservation & Organization for Tropical Studies – Costa Rica
June 2013

Planet Under Pressure 2012 Conference – London
Poster presentation: "The Role of a New Type of Education in Climate Change Mitigation"
March 2012

Youth perspective on climate change: Towards a low emissions and adaptive future – Costa Rica
March 2012

2012 Institutional Forum: Climate change and development strategies – Costa Rica
October 2012

1st Business Forum on Sustainability and Environment with Al Gore – Costa Rica
Presentation: “Education and Research Role in Climate Change Mitigation”
March 2011

United Nations Conference on Climate Change, third part of the sixteenth session of the Ad Hoc Working Group on Further Commitments for Annex I Parties under the Kyoto Protocol (AWG-KP 16) and the third part of the fourteenth session of the Ad Hoc Working Group on Long-term Cooperative Action under the Convention – Panama
October 2011

Latin-American Carbon Forum – Costa Rica
September 2011

Workshop on Climate Change and Adaptation Options for Cetaceans and Other Marine Biodiversity – Costa Rica
International Whaling Commission
February 2009

1st National Congress in Environmental Management – Costa Rica
Costa Rica
University of Costa Rica
February 2008

Awards

Selected as Early Career Researcher for the Future Earth Natural Assets Definition Workshop
University of Bern
September, 2017

Fellow of 2016 ACES Conference
A Community for Ecosystem Services
December, 2016

Ph.D. Scholarship
Ministry of Science of Costa Rica
December 2015

Youth representative for the UNESCO World Conference on Education for Sustainable Development
UNESCO
November, 2014

40 under 40
Financiero Newspaper
January 2013

Experiences of Success – Outstanding student

Interview for the Exchange Magazine

April 2009

Publications

Books

Hernández-Blanco, M (2022) A tropical conservation story. Costa Rica: Tropical Science Center

Book chapters

Hernández-Blanco, M. (2023). Definitions of: rivalness, rival resource, non-rival resource, wetland ecosystem services, common property regimes. In B.M. Haddad & B.D Solomon (Eds.), *Dictionary of Ecological Economics*. Edward Elgar Publishing.

Hernández-Blanco, M & Costanza R. (2022) Working with nature for sustainable wellbeing. In Vargas-Araya, A; Parker, D; Campbell, N; Guzmán, M; Estefan, S (eds) *Pura Vida! Australian perspectives on the bicentenary of Costa Rica* (pp. 53-74) EUNED.

Hernández-Blanco, M; Costanza, R. (2019) Natural capital and ecosystem services. In *The Routledge Handbook of Agricultural Economics* (pp. 254-268). New York: Routledge

Vilela, M; **Hernández-Blanco, M** (2014). *Intergenerational cooperation and learning: Earth Charter past and future leadership*. In *Intergenerational Learning and Transformative Leadership for Sustainable Futures* (pp. 347-353). The Netherlands: Wageningen Academic Publishers.

Hernández-Blanco, M. (2017). *Construyendo una política nacional de carbono azul para Costa Rica*. In *Políticas económicas para el desarrollo sostenible* (1st ed., p. 288). San José, Costa Rica: Global South Press.

Peer-reviewed

Hernández-Blanco, M., Costanza, R., Agardy, T., Farley, J., Fulton, E., Kubiszewski, I., Rasheed, R. (2024). Common Asset Trusts for blue commons stewardship. *Marine Policy* 159, 105957. <https://doi.org/10.1016/j.marpol.2023.105957>

Pascual, U., Balvanera, P., Anderson, C.B., **Hernández-Blanco, M.,** et al. Diverse values of nature for sustainability. *Nature* (2023). <https://doi.org/10.1038/s41586-023-06406-9>

Hernández-Blanco, M., Costanza, R., Chen, H., deGroot, D., Jarvis, D., Kubiszewski, I., Montoya, J., Sangha, K., Stoeckl, N., Turner, K., & van 't Hoff, V. (2022). Ecosystem health, ecosystem services, and the well-being of humans and the rest of nature. *Global Change Biology*, 28, 5027– 5040. <https://doi.org/10.1111/gcb.16281>

Hernández-Blanco M., Moritsch M., Manrow, M. and Raes, L. (2022) Coastal Ecosystem Services Modeling in Latin America to Guide Conservation and Restoration Strategies: The Case of Mangroves in Guatemala and El Salvador. *Front. Ecol. Evol.* 10:843145. doi: 10.3389/fevo.2022.843145

Hernández-Blanco, M., & Costanza, R. (2021). *A new economics to achieve sustainable development goals*. In Oxford Research Encyclopedia of Environmental Science. Oxford University Press. doi: <https://doi.org/10.1093/acrefore/9780199389414.013.753>

Hernández-Blanco, M; Costanza, R; Cifuentes-Jara, M (2021). *Economic valuation of the ecosystem services provided by the mangroves of the Gulf of Nicoya using a hybrid methodology*. *Ecosystem Services* 49. <https://doi.org/10.1016/j.ecoser.2021.101258>

Costanza, R; Atkins, P; **Hernández-Blanco, M;** Kubiszewski, I (2021). *Common Asset Trusts to Effectively Steward Natural Capital and Ecosystem Services at Multiple Scales*. *Journal of Environmental Management*.

Hernández-Blanco, M; Costanza, R; Anderson, S; Kubiszewski, I; Sutton, P (2020) *Future scenarios for the value of ecosystem services in Latin America and the Caribbean to 2050*. *Current Research in Environmental Sustainability*.

Hernández-Blanco, M. (2019). *The Treasure of the Commons: Valuing and Managing Natural Capital in Costa Rica [PhD Thesis]*. The Australian National University (Australia).

Chambers, I; Costanza, R; Zingus, L; Cork, S; **Hernandez-Blanco, M;** Sofiullah, A; Htwe, T; Kenny, D; Atkins, P; Kasser, T; Kubiszewski, I; Liao, Y; Chan, A; Yuan, K; Finnigan, D; Harte, S (2018) *A public opinion survey of four future scenarios for Australia in 2050*. *Futures*.

Grey literature

Hernández-Blanco, M. & Chavez, N. (2022) Potential impact of agrochemicals on natural capital and its ecosystem services in Costa Rica. PNUD. San José, Costa Rica.

Hernández-Blanco, M. y Costanza, R. (2021) Natural capital valuation of Costa Rica. BIOFIN-PNUD. San José, Costa Rica.

Hernández-Blanco, M., Pacheco-Jimenez, J.F. (2021) Guía corta para el uso de un modelo de costos para la estimación de tarifas de entrada a las Áreas Silvestres Protegidas de Costa Rica. BIOFIN-PNUD. San José, Costa Rica.

Hernández-Blanco, M., Pacheco-Jimenez, J.F. (2020) Propuesta para la actualización de tarifas de entrada a las Áreas Silvestres Protegidas de Costa Rica. BIOFIN-PNUD. San José, Costa Rica.

Hernández-Blanco, M. (2020) Modelo general de un nuevo programa de pago por servicios ecosistémicos para Costa Rica. BIOFIN-PNUD. San José, Costa Rica.

Hernández-Blanco, M., Costanza, R., & Cifuentes-Jara, M. (2018). *Valoración económica de los servicios ecosistémicos provistos por los manglares del Golfo de Nicoya*. Costa Rica: Conservación Internacional.

Bustamante, M.; Helmer, E. H.; Schill, S.; Belnap, J.; Brown, L. K.; Brugnoli, E.; Compton, J. E.; Coupe, R. H.; **Hernández-Blanco, M.**; Isbell, F.; Lockwood, J.; Lozoya Ascárate, J. P., McGuire, D.; Pauchard, A.; PichsMadruga, R.; Rodrigues, R. R.; Sanchez- Azofeifa, G. A.; Soutullo, A.; Suarez, A.; Troutt, E.; Thompson, L. 2018. Chapter 4: Direct and indirect drivers of change in biodiversity and nature's contributions to people. In IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for the Americas. Rice, J.; Seixas, C. S.; Zaccagnini, M. E.; Bedoya-Gaitán, M.; Valderrama, N. (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany, pp. 335-509.

Hernández-Blanco, M.; Segura-Bonilla, O; Moreno-Díaz, M.L.; Muñoz-Valenciano, E (2017). *Valoración de los servicios ecosistémicos que ofrecen siete de los humedales protegidos de importancia internacional en Costa Rica: Palo Verde, Caribe Noreste, Caño Negro, Gandoca-Manzanillo, Maquenque, Terraba-Sierpe y las Baulas*. San José, Costa Rica: PNUD – SINAC.

Hernández-Blanco, M. (2014). *Youth charting the future*. SGI Quarterly, Number 76 (p.6)

Hernández-Blanco, M.; Rojas-Wang, P (2013). *Costa Rica*. In World Small Hydropower Development Report 2013. United Nations Industrial Development Organization; International Center on Small Hydro Power. Available from www.smallhydroworld.org.

Media

Education and Climate Change
La Nación Newspaper, May 2012

Costa Rican youth vision on climate change
Friedrich Ebert Stiftung Foundation, 2012

Carbon Neutrality, advance in competitiveness
La Nación Newspaper, April 2013

A new icon of environmentalism
La Nación Newspaper, July 2013

Costa Rican Environmental Leadership for 2015
La Nación Newspaper, February 2013

Specialized software

ArcGIS – Geographic Information System

Pix4D – 2D and 3D maps using drones

Quantum GIS – Geographic Information System

Integrated Valuation of Ecosystem Services and Tradeoffs (INVEST) – Ecosystem Services assessment tool

Resource Investment Optimization System (RIOS) – Design of cost-effective investments on watershed ecosystem services

Photoshop CC – Image editing

Interviews and Other Press

Teaching for sustainability

Interview for the magazine “A hand for the environment” – El Financiero Newspaper, April 2011

COP 17 main results

Interview for the TV show Internal Planet, channel 15, January 2012

Immature green consumer

Interview for El Financiero Newspaper, 2013 Edition.

Climate Leader trained by Al Gore

Interview for El Financiero Newspaper, September 2013.

Additional skills

Professional photographer

Specialized in conservation photography

Writer

Science, non-fiction and science fiction

Advanced Open Water Diver (PADI certified)

Drone pilot

Photography, videos, photogrammetry

Professional references

Prof. Robert Costanza

VC's Chair in Public Policy
Crawford School of Public Policy
The Australian National University
robert.costanza@anu.edu.au

Prof. Olman Segura-Bonilla

Director
International Center for Economic Policy for Sustainable Development (CINPE)
Nacional University of Costa Rica
olman.segura.bonilla@una.cr

Dr. Miguel Cifuentes-Jara

Researcher, expert in mitigation

Centro Agronómico Tropical de Investigación y Enseñanza (CATIE)

mcifuentes@catie.ac.cr
