

Marcello Hernández-Blanco, Ph.D.

Personal information

San José, Costa Rica
(506) 8857-9011
www.marcello.life
ecoeconomics@marcello.life

Summarized bio

International consultant with over 15 years of experience, having designed and led 60+ sustainable development projects globally, specializing in ecological economics, natural capital economic valuation, conservation finance, biodiversity conservation and climate change. PhD in ecological economics from The Australian National University. Published extensively in leading peer-reviewed journals and authored landmark reports with global impact. IPBES Lead Author for the Americas assessment on biodiversity and ecosystem services, and Fellow for the thematic assessment of nature's multiple values. Lecturer at leading universities in Costa Rica and Europe. Conservation Photographer. Writer. Author of the book "A Tropical Conservation Story".

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

International Consultant in Sustainable Development. June 2012 – Present. Design and implementation of projects worldwide, both as independent consultant for specific projects, and as a consultant working for global leading organizations.

Lead economist, Conservation Strategy Fund. April 2022 – November 2025

1. Designing and teaching the module on natural capital valuation of CSF's international course "Economics and finance for environmental leadership". Stanford University, United States. 2025.
2. The role of cetaceans in the provision of ecosystem services. International Whaling Commission. Juneau, Alaska. 2025 - 2026
3. The economic value of the Monteverde Cloud Forest Preserve in Costa Rica. Tropical Science Center. 2025
4. Design of the module on economic tools for the course on blue economy for the Eastern Tropical Pacific Marine Corridor.
5. Estimated changes in ecosystem services values in the restoration of the Grevy's Zebra habitat in Kenya. Grevy's Zebra Trust. 2025.
6. Economic valuation of the natural capital of the uThukela Marine Protected Area in South Africa. Wild Trust. 2025.
7. The economic value of natural capital of Cordoba and Jujuy in Argentina, and the design of a novel financial mechanism to protect it. IDB. 2024-2025
8. The multiple values of coral reefs to people and the rest of nature. The Global Fund for Coral Reefs. 2024-2025
9. Stakeholder mapping along the coconut supply chain in Cote d'Ivoire, The Philippines and Papua New Guinea. The Crop Trust Alliance. 2024.
10. The global economic cost of losing and degrading wetlands. The Secretariat for the Convention of Wetlands. 2024-2025
11. Designing and teaching the course "Integrating natural capital into investment decisions" in Washington, D.C. 2023
12. Estimating the economic value of natural capital in the Okavango Basin. Wild Bird Trust. 2023-2024
13. Designing a coral reef insurance for The Bahamas. TNC. 2023
14. The economic value of the blue natural capital in Dominica. Dynamic Planet – National Geographic. 2022-2023
15. Assessment of the local level economic impact of poaching and illegal wildlife trade in southern Africa. USAID-Vuknow. 2023
16. Economic analysis for the implementation of conservation strategies. TNC. 2022-2024
17. Gap and baseline analysis to achieve target 3 of the CBD Post-2020 Biodiversity Framework. GEF-WWF. 2022-2024

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

18. Design of financial mechanisms to protect and restore blue and green infrastructure in Costa Rica. IUCN/Forever Costa Rica Association. January 2022 – September 2022.
19. Potential impact on natural capital and ecosystem services from agrochemicals in Costa Rica. UNDP. August 2021 – May 2022
20. Adviser on economic valuation of natural capital and cost-benefit analysis in Indonesia and Bolivia. The World Bank. March 2021 – October 2021.
21. 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.
22. International training on ecological economics with an emphasis on natural capital valuation. LATAM Education, Perú. December 2020 – January 2021.
23. Design of the new Payment for Ecosystem Services scheme of Costa Rica. UNDP-BIOFIN. January 2020 – January 2022
24. Economic valuation of ecosystems under the new Payment for Ecosystem Services scheme of Costa Rica. UNDP-BIOFIN. May 2020 – January 2020
25. Design of a new entrance fee model for all protected areas in Costa Rica. UNDP-BIOFIN. November 2019 – November 2021
26. Design of a Marine Payment for Ecosystem Services scheme for Costa Rica. World Bank. June 2018 – January 2020
27. Economic valuation of the ecosystem services provided by the mangroves of Guatemala and El Salvador. IUCN. March – October 2019
28. Blue Economy and Impact Investment. Costa Rica Forever Association. February 2019 – March 2020
29. Developing a tax on plastic in Costa Rica. UNDP Costa Rica. November 2018
30. Economic valuation of the ecosystem services of the mangroves in the Gulf of Nicoya, Costa Rica. Conservation International Costa Rica. December 2017 – September 2018.
31. Adviser in blue economy for the Ministry of Environment of Costa Rica. October 2018.
32. Economic valuation of ecosystem services of 7 Ramsar wetlands in Costa Rica. UNDP Costa Rica. February 2017 – September 2017.
33. Development and implementation of the Blue Carbon National Policy for Costa Rica, CATIE, 2014-2015
34. Researcher for the State of the Nation Programme. Co-author of 3 papers: Biodiversity, Climate Change and the Coastal Zone. 2015
35. 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
36. 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

Environmental Consultant, CEGESTI Foundation. June 2009 – June 2012

37. Renewable Energy Observatory for Latin America and the Caribbean, United Nations Industrial Development Organization (UNIDO), 2009
38. Sustainable Procurement in the Public Sector, International Union for Conservation of Nature (IUCN), 2009
39. Carbon Footprint Assessment, Bank of Costa Rica, 2009
40. Carbon Footprint Assessment, Popular and Communal Development and Bank, 2010

41. HACCP and BPM Implementation at COONAPROSAL R.L, COONAPROSAL / SCHOKLAND-SME CA&DR Fund, 2010
42. Quality Management System development and implementation, Habitat for Humanity, 2010
43. Green Procurement in Costa Rica, an approach for the private sector, Riteve SyC, 2010
44. CSR Criteria to incorporate in the procurement process of the Responsible Supplier Program, National Bank of Costa Rica, 2010
45. Socio-Environmental Assessment (due diligence), Tablemac (Colombia), 2010
46. Process management and improvement, Asociación Costarricense para Organizaciones de Desarrollo, 2010
47. Renewable Energy Observatory in Latin America and the Caribbean, Latin-American Organization of Energy, 2010
48. Social and Environmental Business Opportunities at the Buffer Zone of the La Amistad International Park, Canadian Fund for Local Initiatives, 2010-2011
49. Environmental Management under a Carbon Footprint Approach, International Institute for Democracy and Electoral Assistance (IDEA) (Sweden), 2010-2011
50. Renewable Energy Observatory in Latin America and the Caribbean – Phase 2, Latin-American Organization of Energy, 2011
51. Socio-Environmental Assessment (due diligence), Melones de Nicaragua (MELONICSA) (Nicaragua), 2011
52. Renewable Energy Studies for Costa Rica, Latin-American Organization of Energy, 2011
53. Initial Environmental Assessment, JIQUI, S.A., 2011
54. Evaluation of the 3rd National Communication on Climate Change, PNUD– National Meteorological Institute, 2011
55. Waste Management Plan, Municipality of Belén, 2011
56. Sustainability Assessment, Congelados y Conservas S.A. (Guatemala), 2011
57. Technical Structure for the elaboration of a Carbon Footprint Calculator, FUNDECOR, 2011
58. Sustainability Assessment, Alimentos Campestres, 2012
59. Environmental Performance Study, Organization for Tropical Studies, 2012
60. Green Economy, Ministry of Foreign Affairs of Netherlands, 2012

Conservation photographer. 2015 – Present

Specialized storytelling photography. The following is a list of projects, exhibitions and awards:

1. Author (photographer and writer) of the book “[A Tropical Conservation Story](#)”. 2021.
2. Selected photography for the exhibition at the [COP meeting from the Ramsar Convention](#), Zimbabwe, 2025.
3. Selected photography for UNESCO’s book “[Mangroves: our allies against climate change](#)” 2023.
4. Photographer, GIZ, 2018
5. “[Portraits of Water](#)”, a project about wetlands and human well-being
6. Semifinalist, Nature's Best Photography Widland Smith Rice competition, 2018
7. Photography Editor, Solutions Journal, 2016 - 2017
8. Photographer, United Nations Development Programme, 2015 – 2017
9. Storytelling for Sustainable Development, Holcim, 2015
10. Storytelling for Sustainable Development, Business Association for Development, 2015

11. 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.

Co-designer of the Conservation Finance course for 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

Advisor, Verra’s Sustainable Development Verified Impact Standard (SD VISta) – Nature Framework

Support the development of the framework and methodologies to create a nature crediting framework.

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

Complementary studies and certifications

Ventana Systems Inc. – November 2023

System dynamics modelling with Vensim

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

Technical Workshop for the Central Asian Mammals Initiative – German Federal

Agency for Nature Conservation and the CMS Secretariat, Isle of Vilm, Germany

May 2025

2024 Natural Capital Symposium – Stanford University, United States

Presentation: “Common Asset Trusts for Blue Commons Stewardship”

June 2024

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

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

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. & Costanza R. (2025). Securing Ecosystem Health for the Well-Being of People and the Planet. In Vilela, M.; Clugston, R.; Aggarwal, D. (Eds.), *Envisioning and Evaluating our Contributions to Planetary Well-Being through the Lens of the Earth Charter*. UPEACE Press.

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. (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. (2019) Natural capital and ecosystem services. In *The Routledge Handbook of Agricultural Economics* (pp. 254-268). New York: Routledge

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.

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.

Peer-reviewed scientific articles

Sangha, K. K., Ahammad, R., Russell-Smith, J., **Hernández-Blanco, M.**, Pérez-Maqueo, O., & Costanza, R. (2025). Culturally appropriate nature-based solutions policy settings supporting Indigenous Peoples in Australia—International lessons and applications. *Nature-Based Solutions*, 8, 100258. <https://doi.org/10.1016/j.nbsj.2025.100258>

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; 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

Convention on Wetlands (2025) Global Wetland Outlook 2025: Valuing, conserving, restoring and financing wetlands. Gland, Switzerland: Secretariat of the Convention on Wetlands. DOI: 10.69556/GWO-2025-eng.

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, Térraba-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.

Specialized software

ArcGIS – Geographic Information System

Quantum GIS – Geographic Information System

Pix4D – 2D and 3D maps using drones

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

Vensim – System dynamics modeling

Photoshop CC – Image editing

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

Institute for Global Prosperity
University College London
rcostanz@gmail.com

Prof. Olman Segura-Bonilla

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