

Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) **Antonio Machado Carrillo**

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Nationality Spanish

Date of birth 29.01.1953

Gender Male

Occupational field **Biology & Ecology**

Work experience

Dates 2008 onwards

Occupation or position held Director of the OAG

Main activities and responsibilities Set-up of a public foundation from scratch and develop and guide its activities

Name and address of employer Granadilla Environmental Observatory (www.oag-fundacion.org)
Edificio Puerto Ciudad of. 1b, 38208 Santa Cruz de Tenerife, Canary Islands

Type of business or sector State foundation. Monitoring of marine environment and biodiversity, and follow-up of environmental impact of large marine infrastructure (i.e. harbours)

Dates 2001 onwards

Occupation or position held Editor-in-Chief of the *Journal for Nature Conservation*

Main activities and responsibilities Guiding the editorial policy, reviewing manuscripts, selecting collaborators, etc. (non full-time occupation)

Name and address of employer Elsevier B.V. (www.elsevier.com)
Radarweg 29, Amsterdam 1043X, The Netherlands

Type of business or sector International scientific journal (last impact factor 1,5)

Dates 2000-2009

Occupation or position held Associate University Professor of Ecology

Main activities and responsibilities Lecturing two courses: General Ecology and Nature Conservation.

Name and address of employer University of La Laguna, Tenerife (www.ull.es)

Type of business or sector Education: Ecology

Dates	1996-2009
Occupation or position held	Consultant (freelance, Eurbiol)
Main activities and responsibilities	Several short missions, usually abroad and as team leader, related to nature conservation, natural resource management, sustainable tourism, impact assessment, conservation legislation and institutional building (Scotland, Portugal, Mozambique, Equatorial Guinea, Cape Verde, Egypt, Colombia, Venezuela, Panama, Ecuador, Argentina, Vietnam, Australia, etc.).
Name and address of employer	European Commission, Spanish International Cooperation Agency, DTZ (German), Council of Europe, UNEP, Country local governments, etc. (often via intermediate consultancies)
Type of business or sector	Consultancy and international cooperation in conservation and sustainable development.
Dates	1995-2001
Occupation or position held	President of the ECNC
Main activities and responsibilities	Structural reform of the foundation and its mission (new Statutes) centring action by means of an operative network of institutions and with the assistance of a Scientific Council. Guiding the ECNC; promoting projects bridging science and policy; chairing international meetings, etc. (non full-time occupation)
Name and address of employer	European Centre for Nature Conservation (www.ecnc.org) Retseiplan 3, 5037 AA Tilburg, The Netherlands
Type of business or sector	International NGO
Dates	1994-1995
Occupation or position held	Director of the Institutional Office of the Canary Island Government at Madrid
Main activities and responsibilities	Set-up of the unit from scratch, guiding activities and supporting parliamentarian groups
Name and address of employer	Department of the Presidency (Government of the Canary Islands) Oficina de Relaciones Institucionales, c /Fernanflor 8. 28014 Madrid.
Type of business or sector	Diplomacy
Dates	1993-1994
Occupation or position held	Chief Conservation Officer
Main activities and responsibilities	International affairs and follow-up of conventions related to conservation (i.e. EU Directives)
Name and address of employer	National Institute for Nature Conservation (ICONA), Centre of Ecology, Canary Islands (does not exist at present)
Type of business or sector	Administration: Nature conservation
Dates	1990-1996
Occupation or position held	Regional Councillor for Western Europe
Main activities and responsibilities	As Board Member, policy development, revision of Statutes, and active in the membership committee (non full-time occupation).
Name and address of employer	IUCN – World Conservation Union (www.iucn.org) Rue Mauverney 28, 1106 Gland, Switzerland
Type of business or sector	International NGO
Dates	1991-1993
Occupation or position held	Advisor to the Minister of Economy and Finance
Main activities and responsibilities	Introducing environmental considerations into financial policy; evaluating island development models from the sustainability point of view; drafting environmental legislation.
Name and address of employer	Department of Economy and Finance of the Canary Island Government (www.gobcan.es)
Type of business or sector	Administration: Environment & Economy
Dates	1988-1991
Occupation or position held	Senior Advisor on Ecology and Environmental Policy

Main activities and responsibilities	Meeting management, policy design and planning, drafting impact assessment and protected areas legislation, assessing hot-environmental issues, organising symposia, etc. (with two different Presidents)
Name and address of employer	Presidency of the Canary Island Government (www.gobcan.es)
Type of business or sector	Administration: Governmental affairs & Environmental legislation
Dates	1987
Occupation or position held	Member-advisor of the Cabinet of the President
Main activities and responsibilities	Organise Spain's first summit meeting on the Environment
Name and address of employer	Presidency of the Government (www.lamoncloa.gob.es) Complejo de la Moncloa, Avda. Puerta de Hierro s/n, 28071 Madrid
Type of business or sector	Administration: Environmental policy
Dates	1976-1985
Occupation or position held	Several posts (as civil servant since 1980): Technical Advisor, Regional Biologist, Superintendent of Teide National Park (1981-84), etc.
Main activities and responsibilities	Protected areas planning and management, interpretive design, field inventories, wildlife management and evaluation, species recovery and habitat restoration.
Name and address of employer	National Institute for Nature Conservation (ICONA). Does not exist at present.
Type of business or sector	Administration: Nature conservation
Dates	1976-1980
Occupation or position held	Assistant Professor /Lecturer of Ecology
Main activities and responsibilities	Running Ecology courses for last year Biology graduate students and some courses on Biogeography; bibliographic studies and research mainly in Entomology.
Name and address of employer	University of La Laguna (www.ull.es)
Type of business or sector	Education: Ecology
Dates	1975-1976
Occupation or position held	Research fellowship
Main activities and responsibilities	Develop a research project (faunal analysis of the laurel forest) at the Department of Zoology of the University of La Laguna
Name and address of employer	Ministry of Research and Science
Type of business or sector	Science: research
Dates	1972-1976
Occupation or position held	Collaborator (not staff)
Main activities and responsibilities	Collecting and set-up of museum beetle collections; translation of German bibliography
Name and address of employer	Museum of Natural History of Tenerife (www.museosdetenerife.org) Fuente Morales s/n 38001 Santa Cruz de Tenerife
Type of business or sector	Natural History Museum
Education and training	
Dates	1991
Title of qualification awarded	PhD in Biology
Principal subjects/occupational skills covered	Research planning and implementation: a faunal analysis and taxonomic revision of an insect group (Coleoptera: Carabidae), including intensive prospecting of a whole archipelago.
Name and type of organisation providing education and training	University of La Laguna, Tenerife
Level in national or international classification	Cum laude

Dates 1980
 Title of qualification awarded Alumni of the XV International Seminar on National Parks and Equivalent Reserves
 Principal subjects/occupational skills covered For years, this reference seminar has trained park managers from all countries. Protected areas planning, design and management. Conflict resolution.
 Name and type of organisation providing education and training US National Park Service, Parcs Canada & University of Michigan
 Level in national or international classification

Dates 1970-1975
 Title of qualification awarded Bachelor in Biology
 Principal subjects/occupational skills covered Spanish career in Biological Sciences (5 years) with speciality in Zoology (including Ecology and optional courses in Marine Biology)
 Name and type of organisation providing education and training University of La Laguna, Tenerife
 Level in national or international classification Career Extraordinary Prize

Personal skills and competences

Mother tongue(s) **Spanish**

Other language(s) **English, German, French**

Self-assessment
European level ()*

English

German

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C2	Proficient user	C2	Proficient user
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
A2	Basic user	B1	Independent	A2	Basic user	A2	Basic user	A1	Basic user

Social skills and competences Leadership, diplomacy, intercultural empathy and adaptability. I managed as project leader several international cooperation programs directly involved with authorities and politicians of different nationalities and cultures. I headed the institutional relationships office of the Canary Islands Government in Madrid, and served as advisor of three Government Presidents (from different political parties).
 Representation skills: I have represented Western Europe or Spain in many international fora or unions (IUCN, Council of Europe, Bern Convention, Marpol, etc).
 Team work: At ICONA, the ECNC or the OAG, I have organised, trained and lead efficient working teams (trained as "Time manager", leadership by experience and military training, lieutenant jr.).

Organisational skills and competences System-thinking approach (gained through study of Ecology and Physics) allows me to organise many things independent of scale or matter: libraries, biological collections, plant nurseries, legal structures, film scripts, elections, work programmes, institutions, or large land use schemes. Skills acquired by specific course training and experience: I have been contracted for institutional building projects, for organising large conferences and symposia, for chairing meetings, setting up new institutions, etc. (a "born organizer" for some people).

Technical skills and competences Research planning, natural resources/ land use planning; analysis, evaluating & reporting in nature/ environmental affairs acquired in 35 years of professional activity (incl. 20 technical projects).
 Prospecting biodiversity and taxonomic skills; parallel permanent activity as hobby-entomologist (1 new tribe, 4 new genera and over 75 new species described).
 Legal drafting: 7 legal drafts produced (Spain, Cape Verde and Equatorial Guinea).
 Scientific editing: 20 years experience as editor of scientific journals (Vieraea & JNC).
 Teaching; over 10 years teaching university students and at special masters and training courses.
 Lecturing in public fora (over fifty conferences given).

Computer skills and competences	Office suite, bibliographic software, graphic design software, database design & configuration, phylogenetic scientific software, web-page manager, etc at user level. Experience in computer infrastructures acquired in Computerland -Tenerife (private sector).
Artistic skills and competences	Nature documentary script writer & presenter (14 documentaries produced) Scientific illustration (line drawing B&W)
Other skills and competences	Business experience: manager of a private agriculture company Agricola Tauce SA (banana prod.). Accounting: experience in the private sector and public foundational sector World traveller. Scuba diving. Digital macrophotography.
Additional information	<p>Other related activities</p> <p>2006-08.- Evaluating projects for the Spanish Iberoamerican Cooperation Program on Technology and Development (CYTED)</p> <p>2004/ 08.- Elections Officer at the 3rd (Bangkok) and 4th (Barcelona) World Conservation Congresses</p> <p>2001 onwards.- Full member of the Canarian Academy of the Spanish Language (dealing with common names of plant and animal species)</p> <p>1991-85.- Member of the Scientific Committee of the Tropical Mountain Program, Unesco & IUBS</p> <p>1990-08.- Member of the World Commission on Protected Areas (WCPA) of the IUCN</p> <p>1981-86.- Member of the Committee of Experts of Wildlife and Natural Habitats, Council of Europe</p> <p>1979-81.- Member of the Species Survival Commission (SSC) of the IUCN</p> <p>1981-84.- Spanish delegate in the Committee of the Bern Convention on Wildlife and Natural Habitats</p> <p>1972 -78 +1992-97.- Editor of Zoology, Vieraea (<i>Folia Scientiarum Biologiarum Canariensium</i>)</p> <p>Honorary awards</p> <p>1995.- Award «Canarias 7» for the Environment, Las Palmas, 1995</p> <p>1995.- Individual Environmental Award of the Island Council of Tenerife, 1995.</p> <p>1978.-Medal Award extended by King Juan Carlos I (related to National Parks) 1978</p>
Annexes	<p>Publications : Books</p> <p>2010. Verificación de la exactitud y corrección de la evaluación ambiental del puerto de Granadilla. S/C de Tenerife: Fundación Observatorio Ambiental Granadilla, 112 pp.</p> <p>2006. The Psychosphere. Do we need a new Ecology? Taro de Tahiche: Fundación César Manrique, pp. 99 [Text also in Spanish and German]</p> <p>2006. T. Vernon Wollaston (1822-1878). Un entomólogo en la Macaronesia. Taro de Tahiche: Fundación César Manrique, 170 pp.</p> <p>2005. Nombres comunes de las plantas y los animales de Canarias. Islas Canarias: Academia Canaria de La Lengua, 277 pp. [Editor, with M. Morera]</p> <p>2001. El Teide, Parque Nacional. Publicaciones Turquesa S.L., Santa Cruz de Tenerife, 254 pp</p> <p>2000. Catalogue of the Coleoptera of the Canary Islands. La Laguna: Instituto de Estudios Canarios, 367 pp. (coaut. P. Oromí), bilingual.</p> <p>1992. Monografía de los carábidos de las islas Canarias (Insecta, Coleoptera). La Laguna: Instituto de Estudios Canarios, 734 pp., 313 figs, 21 maps</p> <p>1998. Biodiversidad. Un paseo por el concepto y las islas Canarias. Santa Cruz de Tenerife: Cabildo Insular de Tenerife, 67 pp,</p> <p>1987. Bibliografía entomológica canaria. (A Bibliography of Canary Island Entomology) La Laguna: Instituto de Estudios Canarios. Monografías 34 (1987), 295 pp.</p> <p>1987. Los Ditiscidos de las Islas Canarias (Coleoptera, Dytiscidae). La Laguna: Instituto de Estudios Canarios, Monografías 33, 81 pp, 17 figs</p> <p>1997. Guidelines for action plans for animal species: planning recovery. Strasbourg: Council of Europe (Series Nature and Environment 92), 76 pp</p>

1994. Diagnóstico ambiental de las islas Galápagos y propuesta para su gestión ambiental. Comisión de las Comunidades Europeas. Madrid. 187 pp. [First author, with S. Blangy and M.Mota]
1992. Medi ambient, ecologia i turisme a les illes Balears. Editorial Moll, Palma Mallorca, 130 pp [coauthor with J. Mayol]
1992. Biologists and Protected Areas Management. Barcelona: European Communities Biologist Association & Colegio Oficial de Biólogos, Publicación nº 10, 1992, 40 pp. [compiler and editor].
1990. Ecología, medio ambiente y desarrollo turístico en Canarias. Santa Cruz de Tenerife, Consejería de la Presidencia, 1990, 121 pp.
1988. Los Parques Nacionales, aspectos jurídicos y administrativos. Madrid: ICONA, Publicaciones del MAPA.137 pp. [as editor]

Publications : Scientific articles

2011. Nuevos taxones de *Laparocerus* Schoenherr, 1834 de El Hierro y La Gomera, islas Canarias (Coleoptera, Curculionidae, Entiminae).- *Graellsia* 67(1): 57-90.
2010. La morfología de *Laparocerus undatus* Wollaston, 1864 y consideraciones sobre la tribu Laparocerini Lacordaire, 1863 (Coleoptera, Curculionidae, Entiminae). *Graellsia*, 66 (2): 233-280
2010. Descripción de nuevos *Laparocerus* hipogeos de La Palma, islas Canarias (España) (Coleoptera, Curculionidae, Entiminae). *Boletín de la Sociedad Entomológica Aragonesa*, 47: 65-69. (Coauthor R. García)
2010. Canopy fogging in the Canarian laurel forest of Tenerife and La Gomera. *Weevil News*, 51: 21 pp [Coauthor with Stüben P.E., Behne L., Floren A., Günther H., Klopstein S., López H., Schwarz M., Wägele J.W., Wunderlich J. & Astrin J.J]
2009. Nuevos *Laparocerus* Schoenherr, 1832 de La Palma, islas Canarias (Coleoptera, Curculionidae, Entiminae). *Graellsia*, 65 (2): 1 83-224.
2009. El género *Drouetius* Méquignon, 1942 stat. prom., de las islas Azores (Coleoptera, Curculionidae, Entiminae). *Graellsia*, 65 (1): 19-46.
2008. New taxa of *Laparocerus* Schönherr, 1832 from Madeira and Porto Santo, with a key to the species of the Madeiran Archipelago (Coleoptera, Curculionidae, Entiminae). *Graellsia*, 64 (2): 307-328.
2008. Estudiando a los chascones, récord de biodiversidad en Canarias. pp. 43-68 in: Afonso Carrillo, J. (ed.) *Naturaleza amenazada por los cambios en el clima*. Puerto de la Cruz: Instituto de Estudios Hispánicos de Canarias, 162 pp.
2008. Three new endogean species of *Laparocerus* Schönherr, 1834 from the Canary Islands (Coleoptera, Curculionidae). *Journal of Natural History*, 43 (17-18): 1277-1288.
2008. Mitochondrial DNA phylogenetic analysis of the genus *Laparocerus* (Coleoptera, Curculionidae, Entiminae). I. The Madeiran clade. [With López, M., Almeida, T. & Hernández, M.] *Zoologica Scripta*, 37: 415-427.
2007. New species of *Laparocerus* Schönherr, 1834 from La Gomera, Canary Islands (Coleoptera, Curculionidae, Entiminae). *Zootaxa*, 1643: 1-38.
2007. *Rhyncogonus* and *Laparocerus* (Coleoptera, Curculionidae, Entiminae), a parallel case of success in island evolution. Report of a study trip to Moorea, Tahiti and Rurutu. *Vieraea*, 35: 61-76.
2007. New species of *Laparocerus* Schönherr, 1834 (Coleoptera, Curculionidae) from the island of Tenerife (Canary Islands). *Zootaxa*, 1457: 35-48.
2006. El sarantontón asiático *Harmonia axyridis* (Pallas, 1773) presente en Canarias (Coleoptera: Coccinellidae). *Vieraea*, 34: 71-72.
2006. The type material of the species of *Laparocerus* Schönherr, 1834 (Coleoptera, Curculionidae, Entiminae). *Journal of Natural History*, 40 (35-37): 2001-2055.
2005. Phenology of *Laparocerus* species in Tenerife, Canary Islands (Coleoptera, Curculionidae). [Coautor A. Aguiar] *Boletim do Museu Municipal do Funchal*: 56 (314): 5-21.
2005. *Laparocerus bacalladoi*, nueva especie de la isla de Tenerife, Canarias (Coleoptera, Curculionidae). *Vieraea*, 33, 539-543.

2003. Sobre el método de coleccionar *Laparocerus* Schönherr, 1834 y el reconocimiento de sus marcas en las hojas (Coleoptera, Curculionidae). *Vieraea*, 31: 407-420
2002. La biodiversidad de las islas Canarias. Capítulo 7 in: Pineda, F. D., de Miguel, J. M., Casado, M. A. & Montalvo, J. (coord.-edit.) *La diversidad biológica de España*.- Madrid: Pearson Educación, S.A., 432 pp.
- 1999 La vida en perspectiva. Pp. 9-38 in: Fernández-Palacios, J. M. et al. (ed.) *Ecología y cultura en Canarias*.- La Laguna: Museo de La Ciencia y el Cosmos, 202
1999. *Atlantoxerus getulus* (Linnaeus, 1758). [First author G. Amori]. Pp. 186, in: Mitchell-Jones, A. J. et al. (eds.) *The atlas of European mammals*.- London: T & AD Poyser Ltd, 484 pp.
1998. Un nuevo *Parazuphium* Jeannel anofalmo de la isla de La Palma, Islas Canarias. (Coleoptera, Carabidae). *Vieraea*, 26: 163-167.
1996. Ground beetles of Macaronesia, an overview (Coleoptera, Carabidae).- *Boletim do Museu Municipal do Funchal, Supl.* 4: 395-410.
1989. Nuevos Carábidos microftalmos de la isla de La Palma, Islas Canarias (Coleoptera, Carabidae). *Nouvelle Revue d'Entomologie (N.S.)*, 6(4): 369-372.
1989. Descripción de *Tachys (Eotachys) fortunatus* n. sp. de la isla de Tenerife. (Col., Carabidae). *Entomologische Blätter*, 85(1-2): 78-80.
1988. Two new cavernicolous species of the genus *Trechus* Clairv. from the Azores (Coleoptera, Carabidae). *Bocagiana, Museu Municipal do Funchal*, 119, 8pp.
1987. *Orzolina thalassophila* n. gen., n.sp. a new Bembidiinae from the intertidal zone in Lanzarote, Canary Islands (Coleoptera, Carabidae). *Entomologische Blätter*, 83(2-3): 151-156.
1987. Nuevos Trechodinae y Trechinae de las Islas Canarias (Coleoptera, Carabidae). *Fragmenta Entomologica, Roma* 19(2): 323-338.
1987. Invading plants at high altitudes on Tenerife especially in the Teide National park.- *Botanical Journal of the Linnean Society* 95: 155-179. [coauthor with J.H. Dickson & J.C. Rodríguez]
1987. Consideraciones sobre el género *Licinopsis* Bedel y descripción de nuevos taxones. (Coleoptera, Carabidae, Sphodrini). *Vieraea*, 17: 393-408, 5 figs.
1986. Observaciones biológicas a la presencia de ardilla moruna en Fuerteventura. *Estudios canarios*, 26/27: 13-15.
1985. Nidificación de la lechuza común (*Tyto alba*) en la Isla de El Hierro, y datos sobre su alimentación. *Vieraea*, 15(1-2): 43-46 [coauthor with A. Martín Hidalgo]
1985. New data concerning the Hierro Giant lizard and the Lizard of Salmor (Canary Islands).- *Bonner zoologische Beiträge*, 36: 429-470.
1985. Hypothesis on the reasons for the decline of the large lizards in the Canary Islands. *Bonner zoologische Beiträge*, 36: 536-575.
1984. Pterostíquidos anoftalmos nuevos de las Islas Canarias y descripción de *Wollastonia* n. gen. (Col. Caraboidea). *Nouvelle Revue d'Entomologie (N.S.)*, 1(2): 129-137, 7 figs.
1982. Los estudios entomológicos en Canarias, una panorámica histórica.- *Instituto de Estudios Canarios, 50 aniversario, I Ciencias*, pp. 195-214
1981. Novedades para la fauna coleopterológica de las Islas Canarias.- *Vieraea*, 11 (1981): 109-134. [Coauthor with G. Israelson, Th. Palm y P. Oromí]
1980. Un nuevo representante del género *Pimelia* Sol., *P. fernandesi* n.sp. de la Isla de Gomera. *Boletín de la Asociación Española de Entomología*, 3: 119-127.
1979. The introduction of the Getulian Squirrel (*Atlantoxerus getulus* L., 1758) in Fuerteventura, Canary Islands. *Egyptian Journal of Wildlife and Nature Resources*, 2: 182-203.
1978. Nota sobre carábidos de las Islas Canarias. III. (Col. Caraboidea). *Vieraea* 7 (2) 1977: 97-104.
1978. Contribución al estudio de los artrópodos de las Islas Salvajes.- pp. 177-194 in: *Contribución al estudio de la Historia Natural de las islas Salvajes. Resultados de la expedición científica «Agamenón 76»*.- SIC Tenerife: Aula de Cultura de Tenerife [Coauthor with P. Oromí, M. Báez].
1976. Nota sobre carábidos de las Islas Canarias. II. (Col. Caraboidea). *Vieraea*, 6 (1): 151-156.
1976. Introduction to a faunal study of the Canary Islands Laurisilva, with special reference to the ground-beetles (Coleoptera, Caraboidea). Pp. 347-411 in G. Kunkel (ed.) *Biogeography and Ecology in the Canary Islands*.- Monographia Biologicae 29, La Haya, 33 figs.
1975. Nota sobre carábidos de las Islas Canarias. I. (Col. Caraboidea). *Vieraea*, 4 (1-2) 1974: 180-188.

Publications : Technical articles

2010. Principales problemas que afectan específicamente a la biodiversidad en islas.- *Ambienta* 91: 126-136
2008. La Red Natura 2000 del Ministerio de Defensa en las Islas Canarias. Pp.170-189 in: San Hipólito Bernardos, M. (coord.) *La Red Natura 2000 en el Ministerio de Defensa*. Madrid: Ministerio de Defensa, Secretaría General Técnica
2004. An index of naturalness.- *Journal for Nature Conservation*, 12(2): 95-110
2004. Ensayando un índice de naturalidad en Canarias. Pp. 413-438 in: Fernández-Palacios, J. M. & Morici, C. (eds.) *Ecología insular / Island Ecology*.- Santa Cruz de La Palma: Asociación Española de Ecología Terrestre (AEET) - Cabildo Insular de La Palma, 437 pp (coauthors: C. Redondo & I. Carralero)
2004. La capacidad de carga turística de una isla. Pp. 399-406 in: Álvarez Alonso, Antonio, Hernández Hernández, Jesús & Simancas Cruz, Moisés R. (eds.) *Turismo y territorio en la sociedad globalizada*.- Adeje: Ayuntamiento de Adeje & Instituto Pascual Madoz del Territorio, Urbanismo y Medio Ambiente, 508 pp.
2003. Tourism and sustainable development. in Varios "Capacity building for tourism development in Vietnam" Project.- pp. 227-320. Hanoi: Vietnam National Administration of Tourism & Fundación Desarrollo Sostenido (Bilingual: English and Vietnamese).
2002. Ordenación del turismo y sostenibilidad. Pp. 99-108 in: Anónimo. *Jornadas Técnicas sobre el Avance de las Directrices de Ordenación del Turismo de Canarias*.- La Laguna: Vicerrectorado de Extensión Universitaria, Universidad de La Laguna, 131 pp. (Serie: La Universidad Opina)
2001. La interpretación en los Parques Nacionales. *Medio Ambiente Canarias* 20: 21-30.
2001. Restauración ecológica: una introducción al concepto.- *Medio Ambiente Canarias*, 21: 31-34 (Parte I) 22: 29-32 (Parte II).
2001. Procesos ecológicos esenciales. Pp. 108-114 in: Fernández-Palacios, J. M. & Martín Esquivel, J. L. (eds.) *Ecología y conservación en las islas Canarias*.- Santa Cruz de Tenerife: Turquesa.
2001. De la biosfera a la psicofera. Pp. 21-50 in: Marcos, C. García Charton J. A. Pérez Ruzafa A. (eds.) *Gestión y ordenación del medio ambiente natural*.- Murcia: Servicio de Publicaciones de la Universidad de Murcia, 252 pp.
1997. Parques nacionales: crisis de identidad.- *Ecosistemas* 19: 60-65.
1995. Infraestructura natural del territorio. Pp. 11-18 in: Martín Esquivel, J.L. & al. *La Red Canaria de Espacios Naturales Protegidos de Canarias*. Tomo I. Santa Cruz de Tenerife: Gobierno de Canarias, Consejería de Política Territorial, 1995, 412 pp.
1993. Protección de la naturaleza y del paisaje en Canarias. *El Campo*, 128: 95-106.
1992. Necesidad de la protección de espacios naturales en el marco de la ordenación integral del territorio. *Munibe (Ciencias Naturales)* 44: 9-15.
1992. Las dimensiones del "ecoturismo" en Canarias. Pp. 45-62 in: M. Castroviejo & J. Herrero (eds.): *Ecoturismo. Criterios de desarrollo y casos de manejo*.- Madrid: Publicaciones del ICONA. Colección Técnica, 173 pp.
1992. España: Nuevas medidas de planificación y las evaluaciones de impacto ecológico en relación con las áreas protegidas. Pp. 169-180 in: *National legal strategies for protected areas conservation and management*. Papers Delivered at Workshop III.6 of the Vth World Congress on National Parks and Protected Areas. Caracas, Venezuela 1992. Bonn: The World Conservation Union & Environmental Law Centre, 260 pp.
1992. Conservación y desarrollo en la Macaronesia. Pp. 466-470 in: Dias, E. & al. (eds): *Comunicações apresentadas nas primeiras Jornadas Atlânticas do Proteção do Meio Ambiente*.- Angra do Heroísmo. Secretaria Regional do Turismo y Ambiente y Camara Municipal, 743 pp.
1992. Comentarios y sugerencias sobre la Ley 4/1989, de 27 de marzo, de conservación de los espacios naturales y de la flora y fauna silvestres.- *Revista de Administración Canaria*, 6: 5-33
1991. Planes de uso y gestión. Aproximación de un planeamiento metodológico. Pp. 315-322 in: Castroviejo, M. (ed.): *Prácticas para la planificación de espacios naturales*.- Icona. Colección Técnica, Madrid
1991. Derechos y deberes de un parque nacional.- Pp. 227-238 in: Pérez de Paz, P.L. (ed.). *Parque Nacional de Garajonay. Patrimonio Mundial*. Madrid: ICONA, Colección Técnica. [A second edition in 2010]

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