

CURRICULUM VITAE

Antonio J. Díaz-de-León
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Senior Consultant on Ecosystem Restoration. United Nations Environment Programme (UNEP-2022). Decade of Ecosystem Restoration.

President of Innovative Cutting Edge Solutions Consulting (ICES, Consulting in Biodiversity, Water, Fisheries, Environment, Land and Marine Spatial Planning, International waters, Oceans, Science, Public Policy and Development) since April 2014, consulting for UNEP (2022), UNESCO-IOC (2020), UNOPS (2018), Mexico's Natural History Museum (2017, 2018), The Nature Conservancy (TNC 2017), National Science Council (CONACyT 2015, 2016). FAO (UN 2015), PEMEX (2015).

Deputy Attorney for Natural Resources at Environmental Protection Agency (PROFEPA-SEMARNAT) in Mexico. April 15th, 2019-March 31st-2020. Staff of 650.

Former President (Undersecretary) and Director General of the National Fisheries Institute (SEMARNAP 1995-2001), former Director General of the Environmental, Regional and Sectoral Integration Policy Division (SEMARNAT 2003-2014) in charge of all Ocean Policy and related matters.

More than 48 years of experience in biodiversity, fisheries, water, land and marine spatial planning, oceans, environment, science, public policy and development (including institutional setting, human resources and budget and audit management) as a scientist-researcher, public server and consultant.

Consultant in Marine Spatial Planning and Sustainable Blue Economy for the Intergovernmental International Commission of UNESCO (IOC-UNESCO-UN September and October 2020).

Participant on "The Oceans future in México". Julia Carabias, Elba Escobar, Luis Bourillon. Organized by the National College/EI Colegio Nacional on 17-18 July, 2023.
<https://colnal.mx/agenda/futuro-de-los-oceanos-en-mexico-17-de-julio/>

Participant in "The Environmental Problems of Mexico" with José Sarukhan, Julia Carabias, Gustavo Gordillo organized by the National College /EI Colegio Nacional on October 14, 2018.
<http://colnal.mx/news/sintesis-informativa-3er-encuentro-libertad-por-the-know-day-1-1>

IPBES Plenary participant at IPBES10 and 9 (Bonn, August 2023, September 2022), IPBES 8 (On line, 2021) and IPBES 6 (Medellin, Colombia, March, 2018).

Member of the IPBES Multidisciplinary Panel of Experts on Biodiversity (20 in the world). Appointed at the IPBES Plenary (IPBES6 ipbes.net) in March 2018 in Medellín, Colombia, (<https://www.ipbes.net/multidisciplinary-expert-panel>)

Invited Key Note Speaker and participant at the II International Marine Spatial Planning Conference (MSP-Paris 2017). Paris, March 15-17 2017. IOC-UNESCO. Paris. <https://www.youtube.com/watch?v=HpOTwheqjNo&list=PLWuYED1WVJIOk5Zhs0TWOOrDSqcWvRP9II&index=14>

International expert at the “Intergovernmental Panel on Biodiversity and Environmental Services” (IPBES.NET). Chapter 6 leader and participant (Options for Governance, Institutional Arrangements and Private and Public Decision-Making Across Scales and Sectors) Biodiversity and Environmental Services Assessment from the Americas. Cartagena, Colombia 5-10 August 2017, Cali, Colombia 15-18 October 2016, Bonn, Germany 22-26 de August 2016, Bogota, Colombia, 24-28 August 2015.

Expert and UN-FAO Consultant. “The Ecosystems Approach to Fishery Management: a decision-making approach”. Course for Argentinean High-Level Decision-Makers in Fisheries. Undersecretary (Subsecretaria de Pesca), National Fisheries Institute (Instituto Nacional de Pesca), Federal Fishery Council (Consejo Federal Pesquero) and Fishery Authority from 5 coastal Argentinean provinces. Buenos Aires, Argentina 13-20 August 2015.

Environment, Regional and Sectoral Integration Policy Division Director-General at the Environment and Natural Resources Ministry (SEMARNAT-Mexico 2003-2014). In charge of Policy design and implementation, Territorial Environmental Policy (Land and Marine Spatial Planning), Environment Fund for poverty alleviation (leading 31 Federal Environment Delegations) and Environment Capacity Building of 31 environmental related state Agencies and authorities and Environment Disaster Response Plan. Managed successfully the largest budget within the Environment and Natural Resources Ministry (10 audit processes without observations) and a Division Staff of 54.

Gulf of Mexico Guardian Award Winner 2013 (Environmental Protection Agency-EPA) and National Ecologic Merit Award 2013 (SEMARNAT) “Integrated management of the Gulf of Mexico Large Marine Ecosystem” (GEF-UNIDO) Program. Acting as Mexican Focal Point.

National Oceanography Award Winner (2010) at the 15th National Oceanography Congress. Ensenada, Mexico. November 2010.

Recognition in 1996 and 1999 by the US Department of Commerce National Oceanic and Atmospheric Administration (NOAA) Assistant Administrator for Fisheries for “extraordinary contributions to the promotion of bilateral relationships in the field of fisheries between Mexico and the United States”.

Designer of the 1st National Ecological Land Use Plan (POEGT) and the Gulf of Mexico Marine Spatial Plan and Process Agreement (11 Federal agencies, 6 regional governments and civil society representatives.) Presidential Decreed both in 2012.

https://www.dof.gob.mx/nota_detalle.php?codigo=5267334&fecha=07/09/2012

https://www.dof.gob.mx/nota_detalle.php?codigo=4940652&fecha=15/12/2006

Invited Key Note speaker at the 15th, 16th and 17th National Oceanography Congress (Ensenada, México, November, 2010, Campeche, Mexico, September 2012 and La Paz, BCS, Mexico, June 2014).

Designer and builder of the Presidential Decreed “Inter-ministerial Commission for the Sustainable Development of Oceans and Coast in Mexico (CIMARES)” 2008. (10 Ministries, 5 Deconcentrated and Decentralized National Agencies, State and Society representation)

http://dof.gob.mx/nota_detalle.php?codigo=5044738&fecha=13/06/2008

Technical and Executive Secretary for the Inter-ministerial Commission for the Sustainable Development of Oceans and Coasts in Mexico (CIMARES 2008-2014).

In charge of the design and construction of the “National Policy for Oceans and Coast in Mexico” (decreed in 2018), the “National Strategy for Sustainable Development of Mangrove Ecosystems” (both approved in 2011) and the National Strategy for Marine Spatial Planning in Oceans and Coast of Mexico (2006). http://dof.gob.mx/nota_detalle.php?codigo=5545511&fecha=30/11/2018

<https://biblioteca.semarnat.gob.mx/janium/Documentos/Ciga/Libros2011/CD001776.pdf>

<https://www.gob.mx/semarnat/acciones-y-programas/comision-intersecretarial-para-el-manejo-sustentable-de-mares-y-costas-cimares>

Chair of the Mexican Inter-ministerial Group for early warning and response after the Macondo-Deep water Horizon oil spill in the Gulf of Mexico.

https://www.gob.mx/cms/uploads/attachment/file/396848/CGACC_CCA-UNAM_Modelacion_Aguas_Profundas.pdf

Mexican representative and Co-Chair of the Mexican Delegation for the Mexico-USA meeting to assess the Macondo-Deep-water Horizon oil spill, its impact and the short, medium- and long-term response and monitoring of the Gulf of Mexico Large Marine Ecosystem (Department of State Washington D.C. August 4th 2010).

Promoter of Mexico Joining to the GCOOS (March 2010) and founder and Focal point of the Cousteau Marine Observatory (Mexico-France, April 2010).

Promoter and builder of the National Environmental Policy for the Sustainable Development of Oceans and Coasts (2006).

https://www.researchgate.net/publication/260209497_Politica_Nacional_para_el_Desarrollo_Sustentable_de_Oceanos_y_Costas_en_Mexico_Genesis_y_Gestion

Mexican Focal Point of the “Integrated management of the Gulf of Mexico Large Marine Ecosystem” GEF/UNIDO Program. Carried out by the Governments of Mexico and USA.

Regional Coordinator of “Integrated Management of the Humboldt Current Large Marine Ecosystem

Program.” (GEF/UNDP/UNIDO). Carried out jointly between governments of Peru and Chile between June 2001 and October 2003.

World Water Forum International Conference Organizer and Advisor. Mexico City, 2003.

Global Water Assessment Expert and participant in the UNEP Global International Water Assessment Project. GIWA/GEF/UNEP/ 2001.

Promoter and builder of the National Fisheries Chart presented by the President of Mexico in August 2000 (Up to know the most influential regulatory and transparent instrument in fisheries). <https://www.gob.mx/inapesca/acciones-y-programas/carta-nacional-pesquera-51204>

Senior Scientist at the National Ecology Institute (INE). LEAD-Rockefeller Program Professor (1994-2001) at El Colegio de México and Senior Researcher at “Water, Environment and Society Program (PAMAS)” at El Colegio de México (2001-2003). Professor at the Postgraduate Program on Regional Sustainable Development at Universidad Iberoamericana (Campus Centro-Golfo), Coordinator and Lecturer at the Seminar “Economy and Environmental Management” at Economics Research Institute and the Seminar “Fisheries and Globalization” at the Economics Faculty both at the Universidad Nacional Autónoma de México (UNAM). Participant at the Diploma Course “Legislation and Environmental Management” at ITAM-Mexico”. Fishery Science Professor at UABC.

International Consultant in Environment, Development, Water, Oceans and Fisheries (UNESCO, UNOPS, UNDP, FAO, UNIDO, UNEP and GEF). Participant in 5 out of 8 GEF Biennial International Waters Conferences (last in Barbados 25 October-1 November 2013), in the conference “Oceans and Coast. Río+10. Towards Johannesburg” 3-7 December 2001 and follow up in November 2003 (Paris). Mexican Representative on the I and II APEC Oceans Ministerial meetings in Seoul and Bali (April 2002, September 2005). Participant in the II International Waters General Assembly (Dalian, China, September 2002). Adviser to the NAFTA Environmental Commission and several Mexican Government Agencies.

President (Undersecretary) and Director General of the National Fisheries Institute (NFI-INP) from January 1995-January 2001 at Environment, Natural Resources and Fisheries Ministry (SEMARNAP), nowadays Agriculture, Livestock, Rural Development, Fisheries and Food Ministry (SAGARPA), in México (Staff of 700). Environmental Impact Director and Advisor to the President at the National Ecology Institute (1994, Staff 65). Senior Scientist at NFI (1973-1994).

Editorial Reviewer of Scientific Journals: Environmental Development, Frontiers in Marine Science, Frontiers in Political Science, Too Big to Ignore (TBTI) and Ciencia Pesquera.

Bilingual. 49 years of experience (20 in research and last 21 at High-Level Policy and Decision-Making positions and 8 as Consultant) in Biodiversity, Water, Fisheries, Land and Marine Spatial Planning, Oceans, Science, Environment, Public Policy and Institutional Setting. Proven track and record of success.

Education

Ph D. and Diploma (DIC) of the Centre for Environmental Technology at Imperial College of Science, Technology and Medicine, London (Imperial College-University of London, 1993). Diploma on “Strategic Management of Environmental Policy” at Goldman School of Public Policy (University of California, Berkeley, 2004). M. Sc. from Centro de Investigación y de Estudios Avanzados, Unidad Mérida (CINVESTAV, 1988), Diploma in Applied Statistics at Applied Mathematics and Systems Research Institute (IIMAS-UNAM, 1984) and Oceanology BSc from the Faculty of Marine Sciences at Universidad Autónoma de Baja California (Ensenada, UABC, 1976).

Experience

Ample working experience in Mexico, USA, UK, Cuba, Caribbean, South America, the Falkland Islands and the Adriatic Sea and have visited working and representing Mexico more than 38 countries. Mexican Delegate to the Bi-national Mexico-USA Fishery and Environment Authorities Annual Meeting. La Jolla, USA August 2013. Invited speaker to the “Asia-Pacific Economic Cooperation (APEC) Workshop on Large Marine Ecosystems”, Ansan, Korea August 2013. Mexican Delegate at the Marine Resources Conservation Group (G20, 2011) working on Best Practices on Oil Deep-water Drilling. Mexican Delegate at International Maritime Organization (UN-IMO London, UK). World Ocean Assessment Expert (Caribbean Ocean Assessment, UN-UNESCO-IOC Miami, USA 2012). Responsible of the first federal and the first ecological sea use planning Presidential decree (Gulf of California, November 2006). Designer of the National Strategy for Environmental Oceans and Coastal use management in Mexico (Presented by the President of Mexico on 21st of February 2007), of the National Environmental Policy for the Sustainable Development of Oceans and Coast in Mexico (2006), of the Gulf of California Ecological Use Planning Process and Program (2003-2006). Head and Chair of the Mexican Delegations at the Gulf of Mexico Large Marine Ecosystem (Cuba, USA, Mexico) and Caribbean Large Marine Ecosystem Projects (27 countries 2006). Participant in the I and II International Workshop on Marine Spatial Planning UNESCO-IOC (Paris, 2006, 2017), Member of the LME’s advisory group (UN-UNESCO-IOC), of the Steering Committee of the Oceans Policy Summit (Lisbon, 2005) and Vice-chair of the National Environmental Policy Group at OECD (Paris). Chair of the Environment and the Firm and Taxes and Environmental Policy (OECD, Washington 2005) working groups, Commissioner at the Inter-American Tropical Tuna Commission (1995-2001). Mexican Delegate at the Code of Conduct for Responsible Fishing negotiations (FAO, 1995). National Science Foundation (Mexico) Advisor. Ample participation in Conferences and Scientific Congresses and member of 3 scientific societies.

Philanthropy

Causa Natura. Non-Governmental Organization (NGO-Mexico City) devoted to fish, fishery, water, oceans and environment conservation as well as transparency and public policy audit processes. Advisory Committee Member (2016-2019). Dr. Eduardo Rolón. Executive Director.

<https://causanatura.org>

Procuena. Non-Governmental Organization (NGO-Valle de Bravo, Estado de México) devoted to

Valle de Bravo Watershed environmental protection and promotion. Governmental Member of its Board (2004-2013). Lic. Andrés Aymes-Blanchet. CEO. <https://procuenca.org>

Current Activities

As IPBES Multidisciplinary Expert Panel Member currently:

- Defining world experts for the next Business and Biodiversity Assessment
- Reviewing the scoping documents for *Thematic assessment of the underlying causes of biodiversity loss, determinants of transformative change and options for achieving the 2050 vision for biodiversity (Transformative Change) and the Thematic assessment of the interlinkages among biodiversity, water, food and health in the context of climate change (Nexus Assessment)*.
- Participating at IPBES 10 in August 2023.

Previous Activities

Working on in 2019-2021: Indirect methods to measure the effectiveness of PROFEPA in the Upper Gulf of California (Illegal Fishing of Totoaba). Evaluation of the costs of damage repair of illegal fishing of Totoaba in the Upper Gulf of California. Is there a relationship between the budget assigned in the SRN and the environment goals planned in PROFEPA in 2020?.

Previously... Marine Biodiversity Advisor for the Mexican Natural History Museum in the verge of its major collection and building refurbishment. Americas Biodiversity and Environmental Services Assessment (IPBES.NET). Sustainable Mining. Is it possible in Mexico?. Guarantee of free access to beaches and the federal maritime land zone in Mexico. Process of Regional Ecological Spatial Planning of Baja California and local of Cancún, Quintana Roo (Finalized and decreed).

Before work on The National Presidential Program “Cruzada contra el Hambre”. The policy paper “Coastal Dunes Ecosystem Management: Guidelines, criteria and recommendations”. The Northern Mexican Pacific Marine Spatial Planning Process (Decreed 2018) and working on The Southern Mexican Pacific Marine Spatial Planning Process, the Marine Biodiversity policy and the National Wetlands Policy. Working on the construction of the Pacific Central American Equatorial Large Marine Ecosystem Program (PACA-LME-GEF about to start).

Work and team orientation

Work oriented toward results and use of applied science, technology and innovative and efficient techniques to achieve it. Accustomed to the environment of pressure, uncertainty and conflicts, mediation and resolution. Promoter of transparency, accountability, public participation and gender equity. Negotiator, promoter, builder and coordinator of large professional work teams with extensive knowledge, relationships and experience in national and international institutions and in the search for better governance (Water, Fisheries, Coastal, Marine, Territorial, Environmental, National and International).

Work experience in 38 countries and throughout Mexico’s territory (land and sea).

Areas de Interest

Interested on Environment, Water, Oceans, Coast and Fisheries, Climate Change Institutional setting, on Land and Ocean use planning and Public Policy, on Biodiversity conservation (Research and Management) and Ecosystem Based Interventions and Approaches; also, in Planning, Probing, Assessment and Management in fisheries, oceans, natural resources and Governance; Transdisciplinary inquiry, real time decision-making and intensive computing for decision and policy-making.

Other

Environmental Economy and Policy. Course by Dr. Jaqueline Alcazar Morales. February- May 2022. Diploma.

Political Ecology III. Course by Dr. Víctor Toledo. March 2022. Diploma.

Political Ecology II. Course by Dr. Víctor Toledo. November 2021. Diploma.

Conference “Pandemics impact on fishery communities in Mexico”(Participant). January 25th 2021. https://www.youtube.com/watch?v=KuiWn_7eZkc&ab_channel=MaresMexicanos&fbclid=IwAR2GYtqMYHXBh-ZkRjytPITbQoO5v9irGMi1d5DYsS4j_khjUSe6rlj9ZUY

Political Ecology I. Course by Dr. Víctor Toledo (Former recent Minister of Environment and Natural Resources). November-December 2020. Diploma.

Towards sustainable blue economy in México (Organizer and participant).. October 22 de 2020. IOC-UNESCO-SEMARNAT
<http://www.mspglobal2030.org/es/events/formacion-en-linea-sobre-la-economia-azul-sostenible-en-mexico-es/>

Agroecology. 4-month course at Chapingo University and SEMARNAT. September 2020-January 2021.

Marine Spatial Planning in México (Organizer and participant). October 13, 2020. COI-UNESCO-SEMARNAT.
http://www.mspglobal2030.org/wpcontent/uploads/2020/11/MSProadmap_Presentation_Mexico_20201013.pdf

Artificial Intelligence Course (AI). UNAM-COURSERA. September 2020. Dr. Carlos Gershenson (IIMAS-UNAM). Diploma.

Publications

Espinoza-Tenorio A, MJ Espinosa-Romero, RI Rojas-González, AK Campa-Madrid, S Salas- Márquez, JC Lapuente-Landero, AN Maeda-Martinez, AV Poot-Salazar, AM Arce-Ibarra, **A Díaz-de-León-Corral**, A Saldívar-Moreno, C Miranda-Saucedo, C Méndez-Medina, D Torres-Salas, DE Ramos-Muñoz, EA García- Rivera, E Albáñez-Varela, F Arreguín-Sánchez, F Fernández Rivera-Melo, GC Guzmán Sartiaguin, I Espejel, I López, J Torre, JA Rodriguez-Preciado, JA Zepeda-Dominguez, JO Guzmán-Balam, MA Cisneros-Mata, NE Narchi, N Vite-García, O Sosa, R Lara-Mendoza, VS Ávila-Foucat, YM Castro-Medina (2023). Decálogo por el Año Internacional de la Pesca y la Acuicultura Artesanales en México. ECOSUR, COBI, INAPESCA, CINVESTAV. Campeche, México. 24 p. March

2023. <https://cobi.org.mx/decalogo-el-ano-internacional-de-la-pesca-y-la-acuicultura-artesanales-en-mexico/>

Aceves-Bueno, E.; L. Davids; J.A. Rodriguez-Valencia; A. M. Jaramillo-Legorreta; E. Nieto-Garcia; G. Cárdenas-Hinojosa; E. Hidalgo-Pla; A. Bonilla-Garzon; **A. J. Díaz-de-León**; L. Rojas-Bracho; M. A. Cisneros-Mata (2023). Derelict gear from an illegal fishery: Lessons from gear retrieval efforts in the Upper Gulf of California. *Marine Policy* (January 2023).
<https://authors.elsevier.com/c/1g5q7,714Mn9Tr>

Villamar, A y **A. J. Díaz-de-León** (2021). Spanish translation of: Berkes, Fikret (2021). Towards a New Social Contract: Community based resource management and small-scale fisheries. Too big to ignore Global. 312 pages.
<http://toobigtoignore.net/toward-a-new-social-contract-by-fikret-berkes/>

Díaz-Mondragón, Salomón; Daniela Pedroza-Páez, Luis A. Bojórquez-Tapia y **Antonio J. Díaz-de-León**. 2021. Contribución de la Planeación Espacial Marina en México a la Gestión Marino Costera. *Revista Costas* (Red Iberoamericana de Ciencias del Mar, España). Vol. Especial 2:75-90. Planificación Espacial Marina. Junio 2021. https://hum117.uca.es/wp-content/uploads/2021/06/Revista-Costas-2021-E_PEM.pdf

Luis A. Bojórquez-Tapia, German Ponce-Díaz, Daniela Pedroza-Páez, **Antonio J. Díaz-de-León**, Francisco Arreguín-Sanchez. 2021. Application of exploratory modeling in support of transdisciplinary inquiry: Regulation of fishing bycatch of loggerhead sea turtles in Gulf of Ulloa, Mexico. *Frontiers in Marine Sciences*. April 6, 2021.
https://www.frontiersin.org/articles/10.3389/fmars.2021.643347/full?utm_source=Email_to_authors&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication&field=journalName=Frontiers_in_Marine_Science&id=643347

Díaz-de-León A. J. 2021. Planeación espacial marina en el Golfo de México. ¿Inercia o cambio transformador hacia el 2050?. ¡La opción es nuestra! *La Jornada del Campo* 162. 22 de marzo del 2021. <https://ceiba.org.mx/ajdlc-planeacion-espacial-marina-golfo-de-mexico/>

IPBES (2018). J. Rice, C.S. Seixas, M.E. Zaccagnini, M. Bedoya- Gaitán, N. Valderrama, C.B. Anderson, M.T.K. Arroyo, M. Bustamante, J. Cavender-Bares, **A. Díaz-de-León**, S. Fennessy, J. R. García Márquez, K. Garcia, E.H. Helmer, B. Herrera, B. Klatt, J.P. Ometo, V. Rodríguez Osuna, F.R. Scarano, S. Schill and J. S. Farinaci (eds.): Summary for policymakers of the regional assessment report on biodiversity and ecosystem services for the Americas of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services. IPBES secretariat, Bonn, Germany. 41 pages.
https://www.ipbes.net/sites/default/files/spm_americas_2018_digital.pdf

IPBES (2018): The IPBES regional assessment report on biodiversity and ecosystem services for the Americas. Rice, J., Seixas, C.S., Zaccagnini, M.E., Bedoya-Gaitan, M., and Valderrama N (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany. 656 pages.
https://www.ipbes.net/sites/default/files/2018_americas_full_report_book_v5_pages_0.pdf

Scarano, F.R., Garcia, K., **Díaz-de-León, A.**, et al. Chapter 6: Options for governance and decision making across scales and sectors. 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-Gaitan, M., and Valderrama N (eds.). Secretariat of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services, Bonn, Germany. 656 pages.
https://www.ipbes.net/sites/default/files/2018_americas_full_report_book_v5_pages_0.pdf

Bojórquez-Tapia, L., D. Pedroza-Páez., G. Ponce., **A. Díaz-de-León** and D. Lluch-Belda. 2016. A Continual Engagement Framework to Tackle Wicked Problems: Curtailing Loggerhead Sea Turtle Fishing Bycatch in Gulf of Ulloa, Mexico. Sustainability Science. October 2016. Sustain. Sci. (2016). doi:10.1007/s11625-016-0405-1
<https://link.springer.com/article/10.1007/s11625-016-0405-1?shared-article-renderer>

Álvarez-Torres, P., **A. J. Díaz-de-León-Corral**, G. Pérez-Chirinos, J. C. Aguilar, R. Rosado, F. E. Burgoa, S. Cortina, M. Ibáñez, G. Brachet, P. Muñoz-Sevilla, E. Rivera-Arriaga and I. Azuz. 2015. Comparative Case Studies on National Ocean and Coastal Policy: Mexico's Case Study. In: Cicin-Sain, B. D. L. VanderZwaag, M. C. Balgos (EDS). Routledge Handbook of National and Regional Ocean Policies. Routledge 600pp.
<https://www.routledge.com/Routledge-Handbook-of-National-and-Regional-Ocean-Policies/Cicin-Sain-Vanderzwaag-Balgos/p/book/9780815395461>

Díaz-de-León A. J and S. Díaz-Mondragón. 2013. Marine Spatial Planning and LMEs in Mexico. In: Sherman, K. 2013. Stress, Sustainability and Development of Large Marine Ecosystems during Climate Change: Policy and Implementation. Large Marine Ecosystems Vol. 18. GEF-UNDP.
http://lme.edc.uri.edu/images/Content/Downloads/book_StressSustainabilityDevelopment.pdf

José Ignacio Fernández, Porfirio Álvarez-Torres, Francisco Arrequín-Sánchez, Luís G. López- Lemus, Germán Ponce, Enrique Arcos-Huitrón, Pablo del Monte- Luna, and **Antonio Díaz-de-León**. (2011). Coastal Fisheries of Mexico. Chapter 10 in: Salas, S.; Chuenpagdee, R.; Charles, A.; Seijo, J.C. (eds). Coastal fisheries of Latin America and the Caribbean. FAO Fisheries and Aquaculture Technical Paper. No. 544. Rome, FAO. 2011. 430p.
<http://www.fao.org/3/a-i1926e.pdf>

Díaz-de-León A. J. and P. Álvarez-Torres. 2010. 44. Carta Nacional Pesquera p110-111. En Carabias, J., J. Sarukhan, J. De la Maza y C. Galindo (Coord). 2010. Patrimonio Natural de México: Cien casos de éxito. Semarnat. Conabio.
https://www.biodiversidad.gob.mx/pais/cien_casos/cien_casos.php

Pedroza, D. and **A. J. Díaz-de-León**. 2010. 54. Ordenamiento Ecológico del Golfo de California p132-133. En Carabias, J., J. Sarukhan, J. De la Maza y C. Galindo (Coord). 2010. Patrimonio Natural de México: Cien casos de éxito. Semarnat. Conabio.
https://www.biodiversidad.gob.mx/pais/cien_casos/cien_casos.php

Díaz-de-León, A., Porfirio Álvarez Torres y Orlando Iglesias Barrón. (2009). Experiencias globales de clasificación y ejercicios de zonificación marina. En Ana Córdova, Fernando Rosete, Gilberto Enríquez, Benigno Hernández. Ordenamiento Ecológico Marino. Semarnat-INE.
https://www.researchgate.net/profile/Antonio_Diaz-De_Leon/publication/282913567_Experiencias_globales_de_clasificacion_y_ejercicios_de_zonificacion_marina/links/562548ab08ae4d9e5c4bb1c6/Experiencias-globales-de-clasificacion-y-ejercicios-de-zonificacion-marina.pdf

Díaz de León Corral, A., Porfirio Álvarez-Torres, Orlando Iglesias-Barrón. 2008. Towards the Implementation of the Bali Plan of Action in Mexico's Ocean Policy. Document prepared for the APEC PERU 21st Meeting of the Marine Resources Conservation Working Group (MRCWG) 14-18 April, 2008. Piura, Peru.
[Comparative Case Studies on National Ocean Policy - APEC ...](#)

Gutiérrez-Mariscal, L., D. Pedroza-Páez, M. J. Solares, V. Arriaga-Martínez and **A. J. Díaz de-León**. 2008. The Ecological Ocean use planning process in the Gulf of California: From conflict to consensus? Pp 525-550 (In Spanish). In Cariño, M & M. Monteforte (Eds). From looting to conservation (Contemporary environmental history in Baja California Sur, 1940-

2003). SEMARNAT; INE, UABCS, CONACYT, 778 pages.
https://books.google.com.mx/books/about/Del_saqueo_a_la_conservaci3n.html?id=xPy1PxIUrRMC&redir_esc=y

Anta, S. J. Carabias., **A. Díaz-de-León.**, et al. 2007. Consecuencias de las políticas públicas en el uso de los ecosistemas y la biodiversidad. El Capital natural de México. Vol. III Perspectivas de la Políticas Publicas y perspectivas de la sustentabilidad. Conabio. México p 87-153.
https://www.researchgate.net/publication/303748620_Consecuencias_de_las_politicas_publicas_e_n_el_uso_de_los_ecosistemas_y_la_biodiversidad

Díaz-de-León, A. J. et al. 2006. Marine biodiversity: Valuation, use and perspectives. Sharing experiences between México and Latin-America. Valoración, uso y perspectivas de la biodiversidad marina: compartiendo experiencias entre México y Latinoamérica. Universidad de Chile.
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