

PUBLICATIONS LIST – Fernando J DIAZ LOPEZ

<https://www.diazlopez.eu/knowledgeandmedia/>

ACADEMIC PUBLICATIONS

Peer reviewed articles

1. Guerreschi, A., & F.J. DIAZ LOPEZ. (2023) *A bibliometric analysis on co-operatives in circular economy and eco-innovation studies*. **Sustainability**. 15 (21) 15595. Special Issue "Co-operating for Change: Roles, Potentials, and Challenges of Cooperatives in the Decade Leading up to the Sustainable Development Goals. <https://doi.org/10.3390/su152115595> **Citations: 5**
2. Giannetti, B. F., DIAZ LOPEZ, F. J., Liu, G., Agostinho, F., Sevegnani, F., & Almeida, C. M. (2023). A Resilient and Sustainable World: Contributions from Cleaner Production, Circular Economy, Eco-innovation, Responsible Consumption, and Cleaner Waste Systems. **Journal of Cleaner Production**, 384 (135465). **Citations: 26** <https://doi.org/10.1016/j.jclepro.2022.135465>
3. Rivera Delgado, D., G. Carrillo & F.J. DIAZ LOPEZ. (2021) Transición energética, innovación y usos directos de energía geotérmica en México: análisis de modelado temático [Energy transition, innovation, and direct uses of geothermal energy in Mexico: a thematic modelling analysis]. **Problemas del Desarrollo**. 52 (206) <https://doi.org/10.22201/iiec.20078951e.2021.206.69713> **Citations: 6**
4. Kemp, R, Arundel, A, Rammer, C, Miedzinski, M, Tapia, C, Barbieri, N, Turkeli, S, Bassi, Mazzanti, M, Chapman, D, DÍAZ LÓPEZ, Fernando J., & W. McDowall (2019). *Measuring Eco-innovation for a Green Economy*. **Wirtschaftspolitische Blätter**. Special issue on Sustainability. Vol. 66, No. 4, p.391-404. <https://www.wko.at/site/WirtschaftspolitischeBlaetter/kemp-et-al-04-2019.pdf> **Citations: 26**
5. DIAZ LOPEZ, F.J., T. Bastein & A. Tukker. (2019) *Business model innovation for resource-efficiency, circularity and cleaner production: what 143 case studies tell us*. **Ecological Economics**. Special Issue: PoLicy For a Resource Efficient Europe. 155, 20-35. DOI: <https://doi.org/10.1016/j.ecolecon.2018.03.009> **Citations: 253**
6. DIAZ LOPEZ, F.J. & C. Montalvo. (2015) *A comprehensive review of the evolving and cumulative nature of eco-innovation in the chemical industry*. **Journal of Cleaner Production**. 102 (2015), p. 30-43. DOI: <https://doi.org/10.1016/j.jclepro.2015.04.007> **Citations: 114**
7. Coenen, L and F.J. DIAZ LOPEZ (2010) *Comparing systems approaches to innovation and technological change for sustainable and competitive economies: an explorative study into conceptual commonalities, differences and complementarities*. **Journal of Cleaner Production** 18(12), 1149-1160, <https://doi.org/10.1016/j.jclepro.2010.04.003> **Citations: 478**
8. DÍAZ LÓPEZ, F.J., Filardo, S., Díaz S, F (2005) *Conocimiento Local y Tecnología Apropiada: lecciones del Alto Mezquital Mexicano [Local knowledge and appropriate technology: lessons from the Alto Mezquital in Mexico]*, **Alteridades**, 29 (Ene-Jun), p. 9-21 <http://alteridades.izt.uam.mx/index.php/Alte/article/view/284/283> **Citations: 15**

Journal rankings:

Journal of Cleaner production: CNRS NA, FNERGE 3, HCERES B, ABS 2, VHB B

Ecological Economics: CNRS 1, FNERGE NA, HCERES B, ABS 3, VHB B

Problemas del Desarrollo: NA (Impact factor 2019: 0.38)

All citations figures from October 18th, 2024 (google scholar, unless otherwise stated e.g. researchgate)

Books and monographs

9. DIAZ LOPEZ, F.J., M. Mazzanti, & R. Zoboli (Eds). (2023) *Handbook of Innovation, Society and the Environment*. Edward Elgar Publishing. Cheltenham. ISBN: 9781802200058. <https://doi.org/10.4337/9781802200065> **Citations: 3**
10. DIAZ LOPEZ, F.J., (2003) *Innovación y Ambiente. La Industria Química en México*, [Innovation and Environment. The Chemical Industry in Mexico] Breviarios de la Investigación. UAM. Mexico. 225p. **Citations: 5** https://publicaciones.xoc.uam.mx/TablaContenidoLibro.php?id_libro=9

Manuals and guidelines for practice

11. Ho, D, Charalambides, A., M. A. Callus, D. Spiteri, B. Camacho Avila & F.J. DIAZ LOPEZ (2023). *Guidebook. Designing Research & Innovation Action Plans for Transformative Climate Action in Island Ecosystems*. Special Report of the MICIE | Mediterranean Island Cleantech Innovation Ecosystem project. Grant Agreement 101070800. EIT Climate KIC, Cyprus University of Technology and Energy and

Water Agency. Amsterdam (the Netherlands). 54 p. ISBN: 9789090384245

<http://dx.doi.org/10.13140/RG.2.2.29206.56646>

12. Kemp, R., Arundel, A., Rammer, C., Miedzinski, M., Tapia, C., Barbieri, N., Türkeli, S., Bassi, A., Mazzanti, M., Chapman, D., DIAZ LOPEZ, F. J. & McDowall, W. (2021). *Maastricht Manual on Measuring Eco-innovation for a Green Economy*, Maastricht, Innovation for Sustainable Development Network, Maastricht, 141p. ISBN 9789090329987. **Citations: 46** <https://www.inno4sd.net/uploads/originals/1/inno4sd-pub-mgd-02-2019-fnl-maastrich-manual-ecoinnovation-isbn.pdf>
13. Miedzinski, M., W. Mcdowall, J. Fahnestock, G. Muller, and F.J. Diaz Lopez (2019). *Science, Technology and Innovation Policy Roadmaps for the SDGs: A Guide for design and implementation*. Innovation for Sustainable Development Network, London, 41p. ISBN pending. <https://www.inno4sd.net/uploads/originals/1/inno4sd-pub-mgd-01-2019-fnl-sti-policy-roadmap-sdgs.pdf> **Citations: 2**

Book chapters

14. Guerreschi, A., & F.J. DIAZ LOPEZ. (2024) *Redefining production and consumption in producer cooperatives through sustainability, eco-innovation, and circularity*. In: Innovations for Circularity and Knowledge Creation. Massimiliano Mazzanti, Andrea Bernardi and Salvatore Monni (Eds). Palgrave Macmillan, Cham. https://doi.org/10.1007/978-3-031-59523-3_9
15. DIAZ LOPEZ, F.J., M. Mazzanti, & R. Zoboli. (2023) *Towards a sustainable, circular, innovative and fair economy: an introduction*. In: Handbook of Innovation, Society and the Environment. Diaz Lopez, F.J; M. Mazzanti, and R. Zoboli (Eds). Edward Elgar Publishing. Cheltenham <https://doi.org/10.4337/9781802200065.00007> **Citations: 1**
16. DIAZ LOPEZ, F.J., D. Rivera Delgado & D. Villavicencio Carbajal. (2023) *Barriers to eco-innovation and public R&D incentives: evidence from Mexico*. In: Handbook on Innovation, society and the environment. Mazzanti, M., Diaz Lopez, F.J; and R. Zoboli (Eds). Edward Elgar Publishing. Cheltenham. <https://doi.org/10.4337/9781802200065.00013>
17. DIAZ LOPEZ, F.J.(2023) *Business innovation*. In: Dictionary of Ecological Economics: Terms for the New Millennium. Brent Haddad & Barry D. Solomon (Eds). Edward Elgar Publishing. Cheltenham. p. 46-47. ISBN. 9781788974905. <https://doi.org/10.4337/9781788974912.B.46>
18. DIAZ LOPEZ, F.J. (2023) *Resource Efficiency*. In: Dictionary of Ecological Economics: Terms for the New Millennium. Brent Haddad & Barry D. Solomon (Eds). Edward Elgar Publishing. Cheltenham. p 464. ISBN. 9781788974905. <https://doi.org/10.4337/9781788974912.R.42>
19. Laurette Dube, F.J. DIAZ LOPEZ, et. al. (2021). *Convergence research and innovation digital backbone: behavioral analytics, artificial intelligence, and digital technologies as bridges between biological, social, and agri-food systems*. In: How is Digitalization Affecting Agri-food? New Business Models, Strategies and Organizational Forms. Edited by: Maria Carmela Annosi and Federica Brunetta. Routledge, London, p. 111-125. ISBN 9780367196516 <https://www.routledge.com/How-is-Digitalization-Affecting-Agri-food-New-Business-Models-Strategies/Annosi-Brunetta/p/book/9780367196516> **Citations: 3**
20. DIAZ LOPEZ, F.J., & E. Rolón (2012). *Desarrollo Económico, Cambio Climático, y Combate a la Pobreza en una Estrategia Nacional de Economía Verde e Inclusiva*. En: María de los Ángeles Mascott Sánchez, Gustavo Meixueiro Nájera Eds, Premio Nacional de Investigación Social y de Opinión Pública, Centro de Estudios Sociales y de Opinión Pública, Cámara de Diputados / LXI Legislatura, Mexico, 65-114p. ISBN: 978-607-7919-39-1 http://biblioteca.diputados.gob.mx/janium/bv/cesop/lxii/premnac_invsoc_oppu2011.pdf
21. DIAZ LOPEZ, F.J., & C. Montalvo (2011) *The greening of the chemical industry: past, present and challenges ahead*. Sanghi, In: R., and V. Singh (Eds.) Green chemistry for environmental remediation, Wiley-Scrivener Publishing, Salem, p 35-78. ISBN:9780470943083 **Citations: 6** <https://doi.org/10.1002/9781118287705.ch2>
22. DIAZ LOPEZ, F.J., & D. Villavicencio (2007) *Innovación y alianzas tecnológicas: ventajas y riesgos para una empresa química mexicana* In: Casas, R, De Fuentes, et al (ed) Acumulación de capacidades tecnológicas, aprendizaje y cooperación en la esfera global y local, UAM, ADIAT, Miguel A. de Porrua, Mexico. ISBN. 9789707019638. <https://maporrua.com.mx/product/acumulacion-de-capacidades-tecnologicas-aprendizaje-y-cooperacion-en-la-esfera-global-y-local/>

Publications in press / R&R

23. Carrillo-González, G., S. Solís-Tepexpa, Á.W. Vázquez-García, and Fernando J. Díaz Lopez. *Trends in Eco-innovation Studies: A Bibliometric Analysis of the Convergence between Innovation and Sustainability*. **SHS Web of Conferences**. Proceedings of the XV Congress of the Research and Education Network in Technological Innovation (RIDIT). (under review).
24. de Kock, Imke H., Alan C. Brent & F.J. DIAZ LOPEZ, *A closer look: The South African energy transition*. Handbook of Sustainability Transitions and Innovation in Latin America. Vang, J., Helene Balslev Clausen

(Eds) Edward Elgar Publisher <https://vbn.aau.dk/en/publications/handbook-of-sustainability-transitions-and-innovation-in-latin-am>

Under elaboration

1. F.J. DIAZ LOPEZ, S. Khan, N. Arfaoui, & L.C. Vo. Determinants for *the Transition to Circular Business Models in SMEs: evidence from four Mediterranean countries*. **Regional Studies** (Progress 30%)
2. Koetz, T., DIAZ LOPEZ, F.J., D'Errico, S., Bakshi, S., Alvial Palavicino, et. al. *Transformative Innovation for Climate Resilience: a framework to foster climate adaptation pathways in European regions*. **Research Policy**. (Progress 10%)

OTHER ACADEMIC PUBLICATIONS

Conference papers

25. DIAZ LOPEZ, F. J. & B. Vallejo (2021). *International knowledge and innovation dynamics for the SDGs: survey-based evidence from Latin America and Europe research and technology collaboration*. Paper accepted for presentation at the CERALE-EGADE Business School 2021 Conference "New technological, managerial and social dynamics for a sustainable Europe-Americas relationship", Tecnológico de Monterrey EGADE & ESCP Business School, CERALE, Mexico City (virtual). September 22-24, 2021.
26. Montalvo, C., K. Karanikolova & F.J. Diaz Lopez (2021). *Green and digital "twin" transitions: process of structuration and evolution*. Paper presented at the EU-SPRI Conference 2021 "Science and innovation – an uneasy relationship? Rethinking the roles and relations of STI policies". University of Oslo & Nordic Institute for Studies in Innovation, Research and Education (NIFU), Oslo (virtual), June 9-11, 2021.
27. Best, A., F. J. DIAZ LOPEZ and M. Mazzanti (2020). *How digitalisation can help or hamper in the climate crisis*. Input paper for the Think2030 Conference "Harnessing the European Green Deal to address the Climate Crisis: Anticipating Risks, Fostering Resilience", Ecologic Institute, IEEP and TMG. Berlin (virtual), November 16-17. 12 p.
28. F. J. DIAZ LOPEZ (2020). *Sustainable Product Policy and Business Model Innovation for Accelerating the Circular Transition in Europe*. Paper presented at the Conference "Environmental Sustainability and The European Green Deal: values, innovation and regulation". University of Ferrara, Department of Economics and Management, the Centre for Research in Circular Economy, Innovation and SMEs (CERCIS) and the European Law Institute (ELI). Online conference. November 12. 10 p.
29. L. Dube, R. S. Schillo, F. J. DIAZ LOPEZ, R. Arvanitis, J. Struben, S. van der Burg, & V Blok (2019). *Scaling Inclusive Innovation to Societal-Scale Impacts: Convergent Innovation as an Integrative Meta-Framework and Illustrative Case of Healthy Diets from Sustainable Food Systems*. Paper accepted at the Technology Transfer Society Annual Conference (T2S), Toronto, September 26-28.
30. V. Blok, S. van den Burg, R. Arvanitis, S. Schillo, F.J. DIAZ LOPEZ & Laurette Dube (2019). *Convergent Innovation, Responsible Research and Innovation and Eco-innovation: a conceptual exploration about commonalities, differences and methods*. Paper accepted at the "Triple Helix Conference", Special Track on: Quadruple Helix Collaborations for Responsible Innovation, Hosted by Triple Helix Association and the South East European Research Centre, Thessaloniki, Greece, 30-9 - 1-10 2019
31. F.J. DIAZ LOPEZ, B. Vallejo, & Laurette Dube (2019). *Eco-innovation, circular economy and convergence*. Paper presented at the First International conference "Circular Economy and the Law: Innovation, Policies and Regulation for a Sustainable Environment". University of Ferrara, Department of Economics and Management. June 6 and 7, 2019.
32. F. J. DIAZ LOPEZ & B. Vallejo (2019). *STI policies for Eco-innovation and Circular Economy towards the SDGs: an exploration from Latin America and European R&DI collaboration initiatives*. Paper submitted to the EU-SPRI 2019 Conference "Science Technology and Innovation Policies for Sustainable Development Goals. Actors, Instruments and Evaluation". Hosted by EU SPRI and CNR-IRCRES Research Institute for Sustainable Economic Growth. Rome, 5-7 June 2019
33. D. Padovan, A. Sciallo, E. Annunziata, M. Contini, A. Manzella, F. J. DIAZ LOPEZ, & S. Karytsas. (2018). *Public engagement for enhancing the development of geothermal energy*. Leibniz Institute Conference "Breaking the Rules ! Energy Transitions as Social Innovations", Berlin 14th - 15th June
34. DIAZ LOPEZ, F.J., J. Carrillo-Hermosilla, Del Rio, P and T. Konnola. (2017) *Diversity of eco-innovations in the context of emerging economies*. Paper submitted to the 2017 International Sustainable Development Research Conference, Bogota.
35. Daniel Villavicencio Carbajal, Diana Patricia Rivera Delgado, & Fernando J. DIAZ LOPEZ (2017). *Barriers and incentives to eco-innovation in Mexico*. 15th Globelics International Conference "Innovation and capacity building in the context of financialisation and uneven development of the global economy: new roles for the state, productive sector, and social actors". Laboratory of Industrial and Energy Economics

- (LIEE) and the National Technical University of Athens (NTUA), Athens. 11-13 October.
36. DIAZ LOPEZ, F.J (2014). Systemic change and Eco-innovation for Resource Efficiency. Findings from POLFREE. Poster presented at the Eco-Innova Conference, Copenhagen 17-18 October
 37. DIAZ LOPEZ, F.J., D. Villavicencio & D. Rivera Delgado. (2014) *Policy incentives and barriers to eco-innovation in Mexico*. 3rd international conference Governance of a Complex World 2014 GCW 2014 "Smart, inclusive and sustainable growth: lessons and challenges ahead", University of Turin, 18-20 June
 38. Suurs, R, DIAZ LOPEZ, F.J., de Boer, J, Miedema, M, de Kamp, L and R. A. Mashelkar, (2013) *A Systems-based Model for the Successful Scaling Up of Innovation at the Bottom of the Pyramid*, paper presented at the International Workshop: New Models of Innovation for Development, University of Manchester and UK Development Studies Association, 4-5 July 2013
 39. Tan, A, DIAZ LOPEZ, F.J. Mudgal, S., and A. Tukker (2013). *Can European sustainability and innovation policies accelerate the uptake of Product-Service Systems?* 19th Annual International Sustainable Development Research Conference: Just Transitions, a global perspective, Stellenbosch University, June
 40. DIAZ LOPEZ, F.J., & O. Alvarez-Macotela. (2012), *The garbled nature of financing for sustainable entrepreneurship and eco-innovation: a story of two tales*. 18th Annual International Sustainable Development Research Conference: People Progress and Environmental Protection, University of Hull, 24-26 June
 41. DIAZ LOPEZ, F.J., & C. Montalvo (2011) *Strategic eco-innovators in a low carbon economy*. Paper accepted for presentation at 'The Business of Social and Environmental Innovation' Conference, Graduate Business School, University of Cape Town, Cape Town, November 13-16, 31p
 42. Montalvo, C. and F.J. DIAZ LOPEZ (2011). *Eco-innovation and structural change for a low carbon economy: results from a European survey and implications for policy*. 17th Annual International Sustainable Development Research Conference 2011. May 8-10, New York, The Earth Institute, Columbia University, 32p
 43. DIAZ LOPEZ, F.J. and C. Montalvo (2011). *Measuring and monitoring eco-innovation for industrial sustainability and competitiveness policies in Europe*. 6th International Conference on Industrial Ecology "Science, Systems and Sustainability", June 7-10, Berkeley, Berkeley University, 29p
 44. Montalvo, C and F.J. DIAZ LOPEZ (2010) *Eco-innovation vis a vis innovation: What are the critical differences for policy?* 6CP conference: Exploring the green innovation paradigm, Utrecht, 15 November 2010, 8p
 45. DIAZ LOPEZ, F.J. and F. Brandes (2010). *Defining firm's competitive sustainability: from fuzzy conceptions to a primer definition and a research agenda*. 16th Annual International Sustainable Development Research Conference 2010: A new agenda for global governance. Special Track: What is eco-innovation? Pursuing an operational definition. University of Hong Kong, June 1-3, 29p.
 46. Montalvo, C, DIAZ LOPEZ, F.J. and F. Brandes (2010). *Eco-innovation opportunities in a post environmental "evangelisation" era*. 3rd International Conference on Quantified Eco-Efficiency Analysis for Sustainability, 9-11 June, 2010, Egmond aan Zee, Netherlands
 47. DIAZ LOPEZ, F.J., Coenen, L, and P. Benneworth, P (2009). *Towards a theory for transition regions in sustainable energy innovation: comparing system innovation and innovation systems*. 15th Annual International Sustainable Development Research Conference "Taking up the Global Challenge", 5-8 July 2009, Utrecht, The Netherlands, 15p.
 48. Coenen, L and Paul Benneworth and F.J DIAZ LOPEZ (2009) *Providing context to transition theory: the need for a spatial perspective*. First European Conference on Sustainability Transitions "Dynamics and governance of Transitions and Sustainability", 4-6 June, Amsterdam, 16p.
 49. DIAZ LOPEZ, F.J., Lind, M, Tukker, A., M., Mont, O, Sylvia Lorek, Joachim Spangenberg and Stefan Giljum (2009) *Systemic approaches to innovation and some lessons for Sustainable Consumption and Production (SCP)*. Paper presented at the "Joint Actions on Climate Change Conference", 8-10 June, Aalborg, Denmark (ISBN 978-87-91830-30-3)
 50. Tukker, A., DIAZ LOPEZ, F.J., Lind, M., Mont, O, Sylvia Lorek, Joachim Spangenberg and Stefan Giljum (2009) *Effectiveness of Policy Instruments for Sustainable Consumption and Production. Results of the EU FP6 SCOPE2 project*. Paper presented at the "Joint Actions on Climate Change Conference", 8-10 June, Aalborg, Denmark (ISBN 978-87-91830-30-3)
 51. Mont, O, Tukker, A., DIAZ LOPEZ, F.J., Lind, M., Sylvia Lorek, Joachim Spangenberg and Stefan Giljum (2009) *Evaluating Sustainable Consumption Policies and Practices: gaps, white spots and future developments*. Paper presented at the "Join t Actions on Climate Change Conference", 8-10 June, Aalborg, Denmark (ISBN 978-87-91830-30-3)
 52. Benneworth, P., L. Coenen and F.J. DIAZ LOPEZ (2008). *New local economic development paradigms?* Paper presented at "Where are we now?" 6th Seminar in ESRC Seminar Series "Local economic development in an age of resource scarcity. Liverpool, 17th December 2008
 53. Coenen, L. and F.J. DIAZ LOPEZ. (2008). *Innovation systems, sustainability and competitiveness:*

towards an integrated framework? Paper presented at the DIME international conference on 'Innovation, sustainability and Policy', Gretha, University Montesquieu, Bordeaux IV, France

54. DIAZ LOPEZ, F. J. (2008). A tailored method for eco-innovation strategies and drivers (in the South). Paper presented at the DIME international conference on 'Innovation, sustainability and Policy', Gretha, University Montesquieu, Bordeaux IV, France. **Citations: 10**
55. Coenen, L. DIAZ LOPEZ, F.J. and T. van Bree (2008). *Niche Experimentation and Innovation: Towards a Novel Framework for Regional Innovation Strategies*. RSA / DIME International Workshop "Climate Change and Eco-Innovation: Regional Perspectives", 13 November 2008, Aalborg University
56. DIAZ LOPEZ, F.J., (2004). *Environment, Technological Change and Innovation. A developmental approach in the Latin American Chemical Industry: a case study in Mexico*. Paper presented at the oikos PhD Summer Academy 2004 "Creating and Transforming Markets for Sustainability", St. Gallen, Switzerland, 20p **Citations: 4**
57. Diaz Lopez, F.J. F. Diaz S. & S. Filardo (2004) *Conocimiento Local y Tecnología Apropriada: una visión de tecnociencia*. V Jornadas Latinoamericanas de Estudios Sociales de Ciencia y Tecnología ESOCITE. Universidad Autónoma del Estado de México, Toluca, March
58. Diaz Lopez, F.J. (2003). *Innovación y Alianzas Tecnológicas: ventajas y riesgos para una empresa química Mexicana*. X Seminario Latinoamericano de Gestión Tecnológica 'Conocimiento, innovación y competitividad.', ALTEC, Mexico city, 22-24 Oct.
59. Villavicencio, D. and F.J. Díaz López (2003). *Patterns of Innovation in Chemical Firms in Mexico*. 15th Annual Meeting on Socio-Economics, Laboratoire d'Economie et de Sociologie du Travail, Aix en Provence, France, LEST

Working papers

60. Diaz Lopez, F.J. & C. Montalvo (2015). Qualitative data mining of large datasets: The case of long waves of eco-innovation in the chemical industry (1901-2011). TNO Working Paper Series, No. 2015-04. May, Delft, 34p.
61. Tan, A. DIAZ LOPEZ, F.J., Mudgal, S. and A. Tukker (2013) Can European Eco-Innovation Policies Accelerate the Uptake Of Product-Service Systems? TNO Working Paper Series, No. 2013-02. August, Delft, 35p.
62. Suurs, R., DIAZ LOPEZ, F.J. de Boer, J, Miedema, M., and R. A. Mashelkar (2013). A Systems-Based Model For The Successful Scaling Of Inclusive Innovation. TNO Working Paper Series, No. 2013-01. August, Delft, 35p. **Citations: 4**
63. DIAZ LOPEZ, F.J. & C. Montalvo. (2011) The evolving and cumulative nature of sustainable innovation in an energy intensive industry. TNO Working Paper Series, No. 2011-03, November, Delft, 32p
64. Coenen, L and Benneworth, P and F.J. DIAZ LOPEZ (2010) "Towards a theory for transition regions in sustainable energy innovation: comparing system innovation and innovation systems". TNO Working Paper Series, No. 2010-01, December, Delft, 25p
65. Coenen, L and F.J. DIAZ LOPEZ (2009) Comparing systems approaches to innovation and technological change for sustainable and competitive economies: an explorative study into conceptual commonalities, differences and complementarities. CIRCLE electronic papers series. No. 2009-12., Lund University, 44p.

Publications for practice

66. Totti Könnölä, Pablo del Rio, Javier Carrillo Hermosilla, & F.J. DÍAZ LÓPEZ. (2023) Innovación verde en América Latina y el Caribe: marco conceptual. Technical Note Series IDB-TN-2704. Banco Interamericano de Desarrollo. Washington. 33 p. <http://dx.doi.org/10.18235/0004890> **Citations: 1 (664 downloads)**
67. Totti Könnölä, Pablo del Rio, Javier Carrillo Hermosilla, & F.J. DÍAZ LÓPEZ.(2023) Innovación verde en América Latina y el Caribe: estudio de casos sobre la gestión de programas de apoyo. Technical Note Series IDB-TN-2703 Banco Inter-Americano de Desarrollo. Washington. 35 p. <http://dx.doi.org/10.18235/0004891> **(431 downloads)**
68. Salazar, J.C. (Editor) (2019) *Recomendaciones de política para la integración de tecnologías ecológicamente racionales en los sistemas nacionales de innovación*. Juan Carlos Salazar, P. Maio, A. M. Angel, J. C. Ramirez, C. Hinojosa, J. Blanco, L. Pinzon, D. Jacome, F.J. DIAZ LOPEZ, B. Sanchez, E. Arrilucea. Inter-American Development Bank Washington. Nota Técnica No. IDB-TN-01757. Banco Interamericano de Desarrollo, Division de Cambio Climático., Washington, 161 p. <http://dx.doi.org/10.18235/0002007> **(3033 downloads)**
69. Díaz López, F.J., & C. Montalvo (2011) *Repensando la innovación desde un punto de vista de la sostenibilidad ambiental: ¿es la eco-innovación una herramienta-objetivo real, necesaria y alcanzable para países emergentes?* Innovación y Competitividad, No. 44, October -June, 22p

<http://online.fliphtml5.com/yacl/ywvj/index.html#p=11> Citations: 5

70. Villavicencio, D., and F.J. DÍAZ LÓPEZ (2004) *Innovation and environment: lessons from the Mexican Chemical Industry*, Comercio Exterior, 54 (12) p. 1056-1069
<http://revistas.bancomext.gob.mx/rce/magazines/73/2/RCE2.pdf> Citations: 5

Monographs (unpublished)

71. DIAZ LOPEZ, F.J., (2004) “Monografía de Estudio de Caso: Innovación Tecnológica y Medio Ambiente en el Sector Químico del Grupo Desc” (Case study: technological innovation and environment in the chemical sector of DESC holding). Documento de Trabajo: Investigación 37896-S UAM- CONACYT. “Estrategias de Innovación en la Industria Química Mexicana”, Universidad Autónoma Metropolitana-Xochimilco; University of East Anglia: Norwich. p. 143.

Dissertations

72. DIAZ LOPEZ, F.J (2009) Environment, technological change and innovation. The case of the Mexican chemical industry. Faculty of Social Sciences. School of Development Studies. Norwich, University of East Anglia. Unpublished PhD thesis. 302 p. Citations: 9
73. DIAZ LOPEZ, F.J (2002) Tecnología, Innovación, y medio ambiente: el caso de una empresa Química Mexicana [Technology, Innovation, and the environment; the case of a Mexican chemical company], Maestría en Economía y Gestión del Cambio Tecnológico. UAM. Mexico. 120 p
74. DIAZ LOPEZ, F.J., Beltrán, E., (2000) Diseño, Construcción y Operación de un Reactor Electroquímico para Reducción de Cr+6 contenido en Aguas Residuales [Design, construction and operation of an electrochemical reactor for the removal of hexavalent chromium in wastewater], Tesis para la obtención del grado de Licenciatura en Ingeniería Química [BSc in Chemical Engineering], Universidad Autónoma del Estado de México. Toluca

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