

## PUBLICACIONES DE JAVIER MARTÍNEZ VEGA (IEGD-CSIC)

### LIBROS:

Rodríguez-Rodríguez, D., **Martínez-Vega, J.** 2019. *Sostenibilidad de las áreas protegidas en España: Naturaleza, población y economía*, Madrid, CSIC-Ed. Catarata.

Rodríguez-Rodríguez, D., **Martínez-Vega, J.** (Eds.) 2018. *Sustainable Territorial Management. Environments*, MDPI, 214 pp. ISBN: 978-3-03897-212-9; 978-3-03897-213-6 <https://www.mdpi.com/books/pdfview/book/760>

### ARTÍCULOS CIENTÍFICOS:

Rodríguez-Rodríguez, D., Sebastiao, J., Salvo Tierra, A.E., **Martínez-Vega J.** 2019. Effect of protected areas in reducing land development across geographic and climate conditions of a rapidly developing country, Spain. *Land Degradation & Development* 30(4) <https://doi.org/10.1002/ldr.3286>

Vilar, L., Garrido, J., Echavarría, P., **Martínez-Vega, J.**, Martín M. P. 2019. Comparative analysis of CORINE and climate change initiative land cover maps in Europe: Implications for wildfire occurrence estimation at regional and local scales. *Int. J. Appl. Earth Obs. Geoinformation* 78: 102-117, <https://doi.org/10.1016/j.jag.2019.01.019>

Rodríguez-Rodríguez, D., **Martínez-Vega J.** 2019. Analysing subtle threats to conservation: A nineteen year assessment of fragmentation and isolation of Spanish protected areas. *Landscape and Urban Planning* 185: 107–116. <https://doi.org/10.1016/j.landurbplan.2019.01.012>

Mili, S., **Martínez-Vega J.** 2019. Accounting for Regional Heterogeneity of Agricultural Sustainability in Spain. *Sustainability* 2019, 11(2), 299 <https://doi.org/10.3390/su11020299>

Rodríguez-Rodríguez, D., **Martínez-Vega J.**, Echavarría, P. 2019. A twenty year GIS-based assessment of environmental sustainability of land use changes in and around protected areas of a fast developing country: Spain. *Int. J. Appl. Earth Obs. Geoinformation* 74: 169–179. <https://doi.org/10.1016/j.jag.2018.08.006>

Rodríguez-Rodríguez, D., **Martínez-Vega J.** 2018. Representation and protection of threatened biodiversity by the largest Spanish regional network of protected areas. *Endangered Species Research* 35:125-139. <https://doi.org/10.3354/esr00878>  
Rodríguez-Rodríguez, D., **Martínez-Vega, J.** 2018. Protected area effectiveness against land development in Spain. *Journal of Environmental Management* 215:345-357. <https://doi.org/10.1016/j.jenvman.2018.03.011>

Rodríguez-Rodríguez, D., **Martínez-Vega J.** 2018. Effect of legal protection and management of protected areas at preventing land development: a Spanish case study. *Regional Environmental Change*. <https://doi.org/10.1007/s10113-018-1369-8>

Garrido, J., Vilar, L., Echavarría, P., **Martínez-Vega, J.**, Martín M. P. 2018. ¿Pueden las interfaces de usos del suelo explicar la ocurrencia de incendios forestales a escala provincial? Los casos de Zamora y Madrid. *GeoFocus* 22: 71-95. <http://dx.doi.org/10.21138/GF.611>

Rodríguez-Rodríguez, D., **Martínez-Vega J.** 2017. Assessing recent environmental sustainability in the Spanish network of National Parks and their statutory peripheral areas. *Applied Geography* 89: 22-31. <http://dx.doi.org/10.1016/j.apgeo.2017.09.008>  
Rodríguez-Rodríguez, D., Ibarra, P., **Martínez-Vega, J.**, Echeverría, M., Echavarría, P. 2017. Fine-Tuning of a Protected Area effectiveness evaluation tool: implementation on two emblematic Spanish National Parks. *Environments* 4. 68. <https://doi.org/10.3390/environments4040068>

Rodríguez-Rodríguez, D., Ibarra, P., Echeverría, M., **Martínez-Vega, J.** 2017. Perceptions, attitudes and values of two key stakeholders on the oldest and newest Spanish national parks. *Environment, Development and Sustainability* <https://doi.org/10.1007/s10668-017-0051-5>

**Martínez-Vega J**, Díaz, A., Nava, J.M., Gallardo, M., Echavarría P. 2017. Assessing Land Use-Cover Changes and modelling change scenarios in two mountain Spanish National Parks. *Environments* 4. 79; <https://doi.org/10.3390/environments4040079>

Melendo-Vega JR, Martín MP, Vilar del Hoyo L, Pacheco-Labrador J, Echavarría P., **Martínez-Vega J.** 2017. Estimación de variables biofísicas del pastizal en un ecosistema de dehesa a partir de espectro-radiometría de campo e imágenes hiperespectrales aeroportadas. *Revista de Teledetección* 48: 13-28. <https://doi.org/10.4995/raet.2017.7481>

Vilar L, Gómez I, **Martínez-Vega J**, Echavarría P, Riaño D, Martín MP 2016. Multitemporal Modelling of Socio-Economic Wildfire Drivers in Central Spain between the 1980s and the 2000s: Comparing Generalized Linear Models to Machine Learning Algorithms, *PLoS ONE* 11(8): e0161344. doi:10.1371/journal.pone.0161344

Gallardo, M., **Martínez-Vega, J.** 2016. Three decades of land-use changes in the region of Madrid and how they relate to territorial planning. *European Planning Studies* 24(5):1016-1033. <https://doi.org/10.1080/09654313.2016.1139059>  
Rodríguez-Rodríguez, D., **Martínez-Vega, J.** 2016. What should be evaluated from a manager's perspective? Developing a salient protected area effectiveness evaluation system by managers and scientists. *Ecological Indicators* 64:289-296. <https://doi.org/10.1016/j.ecolind.2016.01.011>

**Martínez-Vega, J.**, Samir, M., Echavarría, P. 2016. Assessing forest sustainability: Evidence from Spanish provinces. *Geoforum* 70:1-10. <https://doi.org/10.1016/j.geoforum.2015.12.013>

Gallardo, M., Gómez, I., Vilar, L., **Martínez-Vega, J.**, Martín, M.P. 2016. Impacts of future land use/land cover on wildfire occurrence in the Madrid region. *Regional Environmental Change* 16(4):1047-1061. <https://link.springer.com/article/10.1007/s10113-015-0819-9>

Rodríguez-Rodríguez, D., **Martínez-Vega, J.**, Tempesta, M., Otero-Villanueva, M.M. 2015. Limited uptake of protected area evaluation systems among managers and decision-makers in Spain and the Mediterranean Sea. *Environmental Conservation* 42(3):237–245. <http://dx.doi.org/10.1017/S0376892915000065>

**Martínez-Vega, J.**, Gallardo, M., Echavarría, P. 2015. Satellite images and teaching of Geography. *Journal of Research and Didactics in Geography* 1(4): 55-66. <http://www.i-reading.org/index.php/geography/article/view/90>

## CAPÍTULOS DE LIBRO:

Gallardo, M., **Martínez-Vega, J.** 2018. Modeling land-use scenarios in protected areas of an urban region in Spain, In: MT Camacho Olmedo, M Paegelow, JF Mas and F Escobar (Eds.) *Geomatic Approaches for Modeling Land Change Scenarios*, Lecture Notes in Geoinformation and Cartography, Springer, [https://doi.org/10.1007/978-3-319-60801-3\\_15](https://doi.org/10.1007/978-3-319-60801-3_15), pp. 307-328.

Rodríguez-Rodríguez, D., **Martínez-Vega, J.** 2018. A Centennial Path Towards Sustainability in Spanish National Parks: Biodiversity Conservation and Socioeconomic Development (1918-2018), In: Nazip Suratman Mohd (Ed.) *National Parks. Management and Conservation*, IntechOpen, Available from: <http://dx.doi.org/10.5772/intechopen.73196>, pp. 99-122.

Rodríguez-Rodríguez, D., **Martínez-Vega, J.** y López, I. 2017. Eficacia de las Áreas Protegidas de España como política de sostenibilidad territorial: el proyecto SOSTPARK. En: A Serrano-Sanz, C Marcuello Servós, JD Gómez Quintero y P Marí-Klose (Eds.) *Políticas públicas y sociales: globalización, desigualdad y nuevas insurgencias*, Zaragoza, Universidad de Zaragoza, pp. 197-208.

**Martínez-Vega, J.** 2016. Innovation and new technologies for research and education in Geography. In: Spanish Committee IGU (2016). *Crisis, globalization and social and regional imbalances in Spain*. Spanish contribution to 33rd International Geographical Congress. Beijing 2016, pp. 177-186. DOI: 10.7419/162.02.2016 [http://www.age-geografia.es/site/wp-content/uploads/2016/07/crisis\\_globl...](http://www.age-geografia.es/site/wp-content/uploads/2016/07/crisis_globl...)

Arovuori, K., Horne, P., Kniivilä, M., Mili, S., Pyykkönen, P., **Martínez-Vega, J.** 2015. Sustainable Agriculture and Forestry in Southern Mediterranean Countries: Policy Impacts and Challenges. In: Petit, M. et al., (Eds.) *Sustainable Agricultural Development*, Switzerland, Springer, Cooperative Management, pp. 255-288, [https://link.springer.com/chapter/10.1007/978-3-319-17813-4\\_10](https://link.springer.com/chapter/10.1007/978-3-319-17813-4_10).