



Programa de Doctorado en
INVESTIGACIÓN FORESTAL AVANZADA
MONTES-UPM
ETSI de Montes, Forestal y del Medio Natural



ACTIVIDAD INVESTIGADORA de DOCTORANDOS en el programa de doctorado en INVESTIGACIÓN FORESTAL AVANZADA. AÑO 2015

Artículos:

García Esteban L, de Palacios P, García Iruela A, Román Jordán E, Fernández FG, Díaz Fernández S, Conde M. 2015. Wood anatomy of *Tetraclinis articulata* from its natural distribution area in southeast Spain. IAWA Journal, 36 (1): 22-35. doi 10.1163/22941932-00000082

García Esteban L, Simon C, Fernandez FG, de Palacios P, Martín-Sampedro R, Eugenio ME, Hosseinpourpia R. 2015. Juvenile and mature wood of *Abies pinsapo* Boissier: sorption and thermodynamic properties. Wood Science and Technology, 49(4):725-738. doi: 10.1007/s00226-015-0730-z.

Li M, López R, Venturas M, Martín JA, Domínguez J, Gordaliza GG, Gil L, Rodríguez-Calcerrada. 2016. Physiological and biochemical differences among *Ulmus minor* genotypes showing a gradient of resistance to Dutch elm disease. Forest Pathology. DOI: 10.1111/efp.12247.

Li M, López R, Venturas M, Pita P, Gordaliza GG, Gil L, Rodríguez-Calcerrada J. 2015. Higher resistance to flooding of seedlings of *Ulmus laevis* than *Ulmus minor* is related to maintenance of a more positive carbon balance. Trees, Structure and Function, 29: 835-848.

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Perea R, López Sánchez A, Roig S. 2015. The use of shrub cover to preserve Mediterranean oak dehesas: A comparison between sheep, cattle and wild ungulate management. Applied Vegetation Science. doi: 10.1111/avsc.12208.

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Abies alba Mill. Journal of Materials Science, 50(22):7282-7292. doi: 10.1007/s10853-015-9283-7.

Tardío G, Mickovski SB. 2015. Method for synchronisation of soil and root behaviour for assessment of stability of vegetated slopes. Ecological Engineering Journal. DOI: 10.1016/j.ecoleng.2015.04.101.

Tornos L, Huesca M, Dominguez J A, Moyano MC, Cicuendez V, Recuero L, Palacios-Orueta A. 2015. Assessment of MODIS spectral indices for determining rice paddy agricultural practices and hydroperiod. ISPRS Journal of Photogrammetry and Remote Sensing, 101: 110-124.

Comunicaciones en congresos:

García Rodríguez JL, Tardío G. 2015. Monitoring a bioengineering technique applied to combat impacts of forest fires: the technique of mixture dykes of masonry and forestry residues. Proceedings of the international conference Frontiers in Environmental and Water Management. Kavala, Greece. pp. 94-99. ISBN: 978-960-363-062-3.

Hernández L, Sánchez de Dios R, Montes F, Sainz-Ollero H, Cañellas I. 2015. Biogeographical transition zones as bridges for migration of tree species under global change. 7Th Biennial Conference of the International Biogeographical Society. Bayreuth, Germany.

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Rodríguez-Calcerrada J, Li M, López R, Cano FJ, Pita P, Gil L. 2015. Carbon balance in two resprouting species suffering from massive xylem embolism. Xylem International Meeting. Bordeaux, France. 7-9 September.

Rodríguez-Calcerrada J, Li M, López R, Venturas M, Martín JA, Domínguez J, Gordaliza GG, Gil L. 2015. Respuesta fisiológica y química a la inoculación con *Ophiostoma novo-ulmi* de clones de *Ulmus minor* susceptibles y resistentes a la enfermedad de la grafiosis. III Reunión de Grupo de Trabajo Sanidad Forestal. Madrid, Spain. 7-8 October. Poster.

Salomón R, Valbuena Carabaña M, Rodríguez-Calcerrada J, González Doncel I, Iglesias M, Zafra E, Miranda JC, Morales C, López R, Gordaliza G, Rodríguez García A, Guzman P, Otero C, Oleksyn J, Zytkoviak R, Gil L. 2015. *Quercus pyrenaica* coppices II: degradation takes roots on its historical management. "Coppice forests: past, present and future". Brno, Czech Republic. 9-11 April 2015.

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Wolter C, Lorez S, Scheunig S, Schomaker C, Martínez Fernández V, Alonso C, García de Jalón D, González del Tánago M, Mosselman E, Hendriks D, Belletti B. 2015. Hydromorphic change and biotic response challenge effective river rehabilitation. International Conference on River and Stream Restoration "Novel Approaches to Assess and Rehabilitate Modified Rivers". Wageningen, Países Bajos. 30 de junio al 2 de julio 2015.

Estancias en centros de investigación / universidades:

Miranda García-Rovés, José Carlos. Swiss Federal Institute for Forest, Snow and Landscape Research (WSL). Birmensdorf (Suiza). 01/04/2015 al 30/06/2015.

Peláez Beato, Marta. Universidad de Stanford. Stanford (EE.UU). 01/04/2015 al 29/06/2015.

Salomón R. Centre of Functional and Evolutionary (CNRS). Montpellier (Francia). 23/02/2015 al 27/02/2015.

Tardío Cerrillo, Guillermo. School of Engineering and Built Environment / Glasgow Caledonian University. Glasgow (Scotland). 01/08/2015 al 01/10/2015.