



Josu González Alday

Investigador "Ramón y Cajal"

Datos personales



Categoría: Investigador "Ramón y Cajal"

Àrea de coneixement: Silvicultura

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Formación Académica

- Doctorat, Universidad de Valladolid, 2010
- Enginyer de Forests, Universitat de Valladolid, 2002
- Enginyer Tècnic Forestal, Universidad de Valladolid 1999

Experiencia Profesional

- 2018 – Investigador "Ramón y Cajal", UdL
- 2016-2017 – Investigador "Juan de la Cierva-Incorporación", UdL
- 2015 – Investigador postdoctoral, UdL
- 2014-2015 – Investigador postdoctoral, University of Liverpool
- 2013-2014 – Investigador postdoctoral, Universidad del País Vasco
- 2011-2012 – Investigador postdoctoral, University of Liverpool
- 2006-2010 – Investigador en formació, Universidad de Valladolid

Investigación

Forest community ecology: my aim is to understand the impact of management actions and disturbances on forest community dynamics including plants and soil biota (fungi, bacteria), identifying the underlying ecological mechanisms and processes involved. However, as my career has progressed, I started focusing on forest ecosystem dynamics and their links to alternative states theory, as well as over resistance and resilience concepts as important elements for forest management and planning.

Docencia

- MÈTODES ESTADÍSTICS I MODELITZACIÓ FORESTAL Grau en Enginyeria Forestal



· TRENDS OF FORESTRY IN A GLOBAL CHANGE CONTEXT Màster Universitari Erasmus Mundus MEDFOR

· ECOSISTEMES TERRESTRES I AQUÀTICS

Doble Grau en Enginyeria Forestal i Conservació de la Natura

Publicaciones Recientes

Sanabria-Fernández JA, **Alday JG**, Lazzari N, Riera R & MA Becerro (2019). Marine protected areas are more effective but less reliable protecting fish biomass than fish diversity. *Marine Pollution Bulletin* 143: 24-32

Marrs RH, Marsland E-L, Lingard R, Appleby PG, Piliposyan GT, Rose RJ, O'Reilly J, Milligan G, Allen KA, **Alday JG**, Santana V, Lee H, Halsall K & RC Chiverrell (2019). Experimental evidence for sustained carbon sequestration in fire-managed, peat moorlands. *Nature Geoscience* 12: 108–112

Castaño C, **Alday JG**, Lindahl BD, Martínez de Aragón J, de-Miguel S, Colinas C, Parladé X, Pera J & JA Bonet (2018). Lack of thinning effects over inter-annual changes in soil fungal community and diversity in a Mediterranean pine forest. *Forest Ecology and Management* 424: 420-427

Alday JG, Shestakova TA, Resco de Dios V & J Voltas (2018). DendroSync: An R package to unravel synchrony patterns in tree-ring networks. *Dendrochronologia* 47: 17-22

Castaño C, **Alday JG**, Parladé J, Pera J, Martínez de Aragón J & JA Bonet (2017). Seasonal dynamics of the ectomycorrhizal fungus *Lactarius vinosus* are altered by changes in soil moisture and temperature. *Soil Biology and Biochemistry* 115: 253-260

Alday JG, Martínez-de-Aragón J, de-Miguel S & JA Bonet (2017) Mushroom biomass and diversity are driven by different spatio-temporal scales along Mediterranean elevation gradients. *Scientific Reports* 7: 45824

Santana VM, **Alday JG**, Lee HHM, Allen K & RH Marrs (2016) Modelling carbon emissions in *Calluna vulgaris*-dominated ecosystems when prescribed burning and wildfires interact. *Plos One* 11(11): e0167137

Alday JG, Zaldívar P, Torroba-Balmori P, Fernández-Santos B & C Martínez-Ruiz (2016) Natural forest expansion on reclaimed coal mines in Northern Spain: the role of native shrubs as suitable microsites. *Environmental Science and Pollution Research* 23: 13606-13616