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Dades personals



Categoria: Professor Agregat

Àrea de coneixement: Silvicultura

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Formació Acadèmica

- Enginyer de Forest, Universitat de Lleida (UdL), 1996
- Doctorat, UdL, 2001
- MBA, EADA, 2007

Experiència Professional

- 2017—Professor agregat Serra-Hunter
- 2013-2017 Professor agregat interí
- 2009-2013 ;Professor Lector, UdL
- 2003-2009, Professor associat, UdL
- 2001 - 2009, Director de Recerca, CTFC
- 1998-2001, Investigador Centre Tecnològic Forestal de Catalunya (CTFC)



Recerca

- Sanitat forestal.
- Micologia forestal.
- Silvicultura
- Bioenergia
- Espais Naturals protegits

Docència

- REPOBLACIÓ FORESTAL Grau en Enginyeria Forestal
- EFICIÈNCIA ENERGÈTICA I ENERGIES RENOVABLES Grau en Enginyeria Agronòmica
- ENERGIES RENOVABLES EN EL MEDI FORESTAL Màster Universitari en Enginyeria de Forests
- PLANIFICACIÓ I GESTIÓ D'ESPAIS NATURALS PROTEGITS Màster Universitari en Enginyeria de Forests
- INDÚSTRIES DE PRODUCTES FORESTALS NO FUSTANERS Màster Universitari en Enginyeria de Forests
- POLÍTICA AMBIENTAL Màster Universitari en Enginyeria de Forests
- MEDITERRANEAN FOREST MANAGEMENT Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- TRENDS OF FORESTRY IN A GLOBAL CHANGE CONTEXT Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- FORESTRY SECTOR IN CATALONIA Màster in Mediterranean Forestry (MEDFOR) MUNDUS
- FORESTRY FIRES IN NE SPAIN Màster in Mediterranean Forestry (MEDFOR) MUNDUS

Publicacions Recents

FRANCO-MANCHÓN, I.; SALO, K.; ORIA-DE-RUEDA, J.A.; **BONET, J.A.**; MARTÍN-PINTO, P. 2019 "Are wildfires a threat to Fungi in European Pinus Forests?. A case study of Boreal and Mediterranean Forests?. Forests, 10, 309, doi:10.3390/f10040309.

CASTAÑO, C.; LINDAHL, B.D.; ALDAY, J.G.; HAGENBO, A.; MARTÍNEZ DE ARAGÓN, J.; PARLADÉ, J.; PERA, J.; **BONET, J.A.** 2018. "Soil microclimate changes affect soil fungal communities in a Mediterranean pine forest". New Phytologist, DOI: 10.1111/nph.15205.

COLLADO, E.; CAMARERO, J.J.; MARTÍNEZ DE ARAGÓN, J.; PAMAN, J.; BONET, J.A.; de-MIGUEL, S. 2018. "Linking fungal dynamics, tree growth and forest management in a Mediterranean pine ecosystem". Forest, Ecology and Management, 422: 223-232.

ROCES-DIAZ, J.; VAYREDA, J.; BANQUÉ-CASANOVAS, M.; CUSÓ, M.; ANTÓN, M.; **BONET, J.A.**; BROTONS, L.; DE CÁCERES, M.; HERRANDO, S.; MARTÍNEZ DE ARAGÓN, J.; de-MIGUEL, S.; MARTÍNEZ-VILALTA, J. 2018. "Assessing the distribution of forest ecosystem services in a highly populated Mediterranean region". Ecological indicators, 93: 986-997.



CASTAÑO, C.; ALDAY, J.G.; LINDAHL, B.D.; MARTÍNEZ DE ARAGÓN, J.; de-MIGUEL, S.; COLINAS, C.; PARLADÉ, J.; PERA, J.; **BONET, J.A.** 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 DOI: 10.1111/nph.15205.

ROCES-DIAZ, J.; VAYREDA, J.; BANQUÉ-CASANOVAS, M.; DIAZ-VARELA, E.; **BONET, J.A.**; BROTONS, L.; de-MIGUEL, S.; HERRANDO, S.; MARTÍNEZ-VILALTA, J. 2018. "The spatial level of analysis affects the patterns of forest ecosystem services supply and their relationships". Science of the Total Environment 626C (2018) pp. 1270-1283.

KARAVANI, A.; DE CÁCERES, M.; MARTÍNEZ DE ARAGÓN, J.; **BONET, J.A.**; DE-MIGUEL, S. 2018. "Effect of climatic and soil moisture conditions on mushroom productivity and related ecosystem services in Mediterranean pine stands facing climate change". Agriculture and Forest Meteorology, 248: 432-440. DOI:10.1016/j.agrformet.2017.10.024.

CASTAÑO, C.; ALDAY, J.G.; PARLADÉ, J.; PERA, J.; MARTÍNEZ DE ARAGÓN, J.; **BONET, J.A.** 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. DOI:10.1016/j.soilbio.2017.08.021.

TOMAO, A.; **BONET, J.A.**; MARTÍNEZ DE ARAGÓN, J.; De-MIGUEL, S. 2017. "Is silviculture able to enhance wild forest mushroom resources? Current knowledge and future perspectives". Forest, Ecology and Management, 402: 102-114 (DOI: 10.1016/j.foreco.2017.07.039).

SOLER, M.; **BONET, J.A.**; MARTÍNEZ DE ARAGÓN, J.; VOLTAS, J.; COLL, L.; RESCO DE DIOS, V. 2017. "Crown bulk density and fuel moisture dynamics in *Pinus pinaster* stands are neither modified by thinning nor captured by the Forest Fire Weather Index". Annals of Forest Science. DOI:10.1007/s13595-017-0650-1.

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GÓRRIZ-MIFSUD, E.; SECCO, L. ; DA RE, R.; PISSANI, E.; **BONET, J.A.** 2017. "Structural social capital and local-level forest governance: do they inter-relate?. A mushroom permit case in Catalonia". Journal of Environmental Management, 188: 364-378.

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LIU, B.; **BONET, J.A.**; FISCHER, C.R.; MARTÍNEZ DE ARAGÓN, J.; BASSIE, L.; COLINAS, C. 2016. “Lactarius deliciosus Fr. soil extraradical mycelium is more resilient to Forest thinning than mushroom fruiting and can be used to estimate potential stand fruitbody productivity”. Forest. Ecology and Management, 380: 196-201. DOI: 10.1016/j.foreco.2016.08.053.

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CASTAÑO, C.; PARLADÉ, J.; PERA, J.; MARTÍNEZ DE ARAGÓN, J.; ALDAY, J.G.; **BONET, J.A.** 2016. “Soil drying procedure affects the DNA quantification of Lactarius vinosus but does not change the Fungal community composition”. Mycorrhiza. DOI: 10.1007/s00572-016-0714-3.

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Per més informació (Consultes GREC [<http://webgrec.udl.cat/cgi-bin/DADREC/crgen.cgi?FONT=3&IDI=CAT&PID=367567&IDNC=201210161350170>])