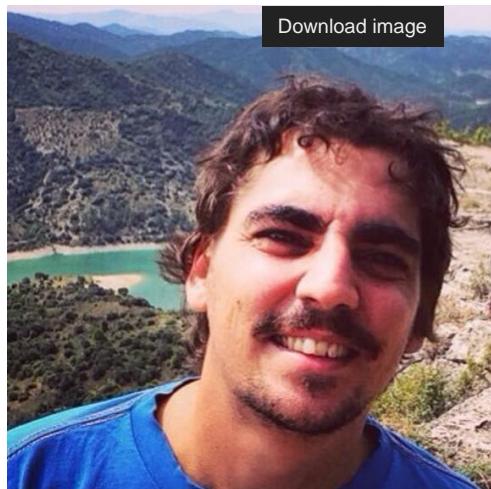




Alejandro Juárez Escario

Research technician

Personal Information



Position: Research technician

Address: ETSEA, Building B, office 1.18

Phone: +34 973 702852

E-mail: alejandro.juarez@udl.cat [<mailto:alejandro.juarez@udl.cat>]

University Degrees

- PhD in Agricultural Sciences, University of Lleida (2016)
- Master of Science (M. Sc.) in Biology. Autonomous University of Madrid (2007)
- Master of Science (M. Sc.) in Biochemistry, Autonomous University of Madrid (2004)

Professional experience

- Since 2025: Research Technician. Departament Ciencia i Enginyeria Forestal i Agrícola. ETSEAFiV. Universitat de Lleida.
- 2011-2025: Teaching Technical Specialist. Department of Plant Production and Forest Science. ETSEA. University of Lleida.
- 2009-2011: PhD student. A trait-based approach to disentangle the success of alien weeds in irrigated crops. Department of Horticulture, Fruit Growing Botany and Gardening. University of Lleida.
- 2007-2008: Part-time Professor of Botany. Autonomous University of Barcelona.
- 2006-2007: Laboratory Technician. MESTRAL project "*Fitorrestauración de suelos contaminados por radionucleidos*". (financiador: ENRESA). University of Barcelona.

Recent Publications

Borges, E.R., González-Sargas, E., Casajus, N., Carboni, M., Bauman, D., Fried, G., Maskell, L., **Escario, A.J.**, Planty-Tabacchi, A.-M. and Tabacchi, E. (2025), Road-River Intersections (Bridges) Negatively Affect Plant Species Diversity and Ecological Attributes. *Appl Veg Sci*, 28: e70011. <https://doi.org/10.1111/avsc.70011>



Pérez, G., Coma, J., Chocarro, C., **Juárez A**, et al. Rock mineral wool-based green roofs to improve the quality of urban water runoff. *Environ Sci Pollut Res* (2025). <https://doi.org/10.1007/s11356-025-36232-7>

López C, Zanga D, **Juárez-Escario A**, Muñoz P, Eizaguirre M. Parental effects of Bt toxin and vitamin A on *Helicoverpa armigera*. *PLoS One*. 2022 Jul 6;17(7):e0269585.

Lee Marina S.; Ardanuy Agnès; **Juárez-Escario Alejandro**; Albajes Ramon. Sampling and selection of butterfly indicators for general surveillance of genetically modified maize in north-east Spain. *Ecological Indicators*, 124, 2021, 107380.

Gemma Clemente-Orta, Filipe Madeira, Iván Batuecas, Samuel Sossai, **Alejandro Juárez-Escario**, Ramon Albajes, Changes in landscape composition influence the abundance of insects on maize: The role of fruit orchards and alfalfa crops, *Agriculture, Ecosystems & Environment*, 291, 2020, 106805.

Recasens, J., **Juárez-Escario, A.**, Baraibar, B., Solé-Senan, X.O. (2020). The Arable Flora of Mediterranean Agricultural Systems in the Iberian Peninsula: Current Status, Threats and Perspectives. In: Hurford, C., Wilson, P., Storkey, J. (eds) *The Changing Status of Arable Habitats in Europe*. Springer, Cham.

Valencia-Gredilla, F.; Royo-Esnal, A.; **Juárez-Escario, A.**; Recasens, J. Different Ground Vegetation Cover Management Systems to Manage *Cynodon dactylon* in an Irrigated Vineyard. *Agronomy* 2020, **10**, 908

Gabriel Pérez, Cristina Chocarro, **Alejandro Juárez**, Julià Coma, Evaluation of the development of five *Sedum* species on extensive green roofs in a continental Mediterranean climate, *Urban Forestry & Urban Greening*, 48, 2020, 126566.

González-Moreno P, Lazzaro L, Vilà M, Preda C, Adriaens T, Bacher S, Brundu G, Copp GH, Essl F, García-Berthou E, Katsanevakis S, Moen TL, Lucy FE, Nentwig W, Roy HE, Srbalien G, Talgø V, Vanderhoeven S, Andjelkovi A, Arbaiauskas K, Auger-Rozenberg M-A, Bae M-J, Bariche M, Boets P, Boieiro M, Borges PA, Canning-Clode J, Cardigos F, Chartosia N, Cottier-Cook EJ, Crocetta F, D'hondt B, Foggi B, Follak S, Gallardo B, Gammelmo Ø, Giakoumi S, Giuliani C, Fried G, Jelaska LS, Jeschke JM, Jover M, **Juárez-Escario A**, Kalogirou S, Koi A, Kytinou E, Laverty C, Lozano V, Maceda-Veiga A, Marchante E, Marchante H, Martinou AF, Meyer S, Michin D, Montero-Castaño A, Morais MC, Morales-Rodriguez C, Muinthassim N, Nagy ZA, Ogris N, Onen H, Pergl J, Puntilla R, Rabitsch W, Ramburn TT, Rego C, Reichenbach F, Romeralo C, Saul W-C, Schrader G, Sheehan R, Simonovi P, Skolka M, Soares AO, Sundheim L, Tarkan AS, Tomov R, Tricarico E, Tsiamis K, Uluda A, van Valkenburg J, Verreycken H, Vettraino AM, Vilar L, Wiig Ø, Witzell J, Zanetta A, Kenis M (2019) Consistency of impact assessment protocols for non-native species. *NeoBiota* 44: 1-25.

Juárez-Escario, A; Solé-Senan XO; Recasens J; Taberner, A; Conesa, JA. Long-term compositional and functional changes in alien and native weed communities in annual and perennial irrigated crops. *Annals of Applied Biology*. 173, pp. 42 - 54. 2018.

Solé-Senan X.; Robleño I.; **Juárez-Escario A.**; Conesa J.A.; Recasens J. Using the response-effect trait framework to disentangle the effects of agricultural intensification on the provision of ecosystem services of Mediterranean arable plants. *Agriculture Ecosystems & Environment*. 247, pp. 255 - 264. 2017.

Juárez-Escario A; Conesa JA; Solé-Senan OX. Management as a driver of functional patterns and alien species prominence in weed communities of irrigated orchards in Mediterranean areas. *Agriculture Ecosystems & Environment*. 249, pp. 247 - 255. 2017.

Juárez-Escario, A.; Conesa, J.A; Solé-Senan, X.O. Identifying alien plants linkages between irrigated orchards and adjacent riparian habitats from a trait-based approach. *Agriculture Ecosystems & Environment*. 225, pp.173 - 183. 2016.



Bevilacqua P; Coma J; Pérez G; Chocarro C; **Juárez A**; Solé C; De Simone M; Cabeza LF. Plant cover and floristic composition: effect on thermal behaviour of extensive green roofs. *Building and Environment*. 92, pp.305 - 316. 2015.

Atanackovic V; **Juárez-Escario A**; Recasens J; Torra J. A survey of *Lolium rigidum* populations in citrus orchards: Factors explaining infestation levels. *Weed Biology And Management*. 15 - 3, pp. 122 - 131. 2015.

Sole-Senan XO; **Juarez-Escario A**; Conesa JA; Torra J; Royo-Esnal A; Recasens J. Plant diversity in Mediterranean cereal fields: Unraveling the effect of landscape complexity on rare arable plants. *Agriculture Ecosystems & Environment*. 185, pp. 221 - 230. 2014.

Juárez-Escario A; Valls J; Solé-Senan XO; Conesa JA. A plant-trait approach to assessing the success of alien weed species in irrigated Mediterranean orchards. *Annals of Applied Biology*. 162 - 2, pp. 200 - 213. 2013.

Reiné R.; Barrantes O.; Chocarro C.; **Juárez A.**; Broca A.; Maestro M.; Ferrer C. Pyrenean meadows in Natura 2000 network: grass production and plant biodiversity conservation. *Spanish Journal Of Agricultural Research*. 12 - 1, pp. 61 - 77.