

Part A. PERSONAL INFORMATION

CV date

09/12/2021

First and Family name	Nere Amaia Lascurain Ayastuy		
Social Security, Passport, ID number	15378139V	Age	54
Researcher numbers	Researcher ID		
	Orcid code		0000-0002-9521-8584

A.1. Current position

Name of University/Institution	University of the Basque Country		
Department	Plant Biology and Ecology Department Faculty of Pharmacy		
Address and Country	Pº de la Universidad nº 7		
Phone number	945 01 3023	E-mail	nereamaia.lascurain@ehu.eus
Current position	Aggregate Professor	From	22/01/2020
Espec. cód. UNESCO			
Palabras clave	Wood anatomy, global change, forest dynamics, dendrochronology		

A.2. Education

PhD	University	Year
Bachelor of Biology	University of Oviedo	1990
Dr. CC. Biológicas	University of the Basque Country	2008

A.3. JCR articles, h Index, thesis supervised...

The number of total cites is 148, 30 for the period 2013-2017 (annual average 9.87). 13 SCI publications and h index is 5, average number of citations per article 11.38. Google Scholar: cites 239 (120 since 2013), h index 7 (6 since 2013), index i10 5 (i10 4 since 2013).

Part B. CV SUMMARY (max. 3500 characters, including spaces)

In February 2009, I obtained a position as Adjunct Professor at the University of the Basque Country. In February 2014, I have been hired as Interim Labor Professor and since 2020 I am Senior Researcher/Lecturer (Aggregate Professor). Teaching taught in the Biology, Environmental Sciences and Pharmacy degrees, as well as Master's Programs in Research. My research work is fundamentally associated with the Forest dynamic and dendrochronology Line, included in FisioClimaCO2 Reseach Group (founded by Basque Government, ref.: IT1022-16). Although, in my career as an ecological scientist, I have worked on several research topics such as the dynamics and restoration of natural vegetation in Atlantic forest habitats, the herbivore diet through microhistological methods (eg boar, ptarmigan) and the threatened flora.

In this last period (since 2010), my research effort has been aimed at deepening and improving knowledge about the factors that limit the growth of tree species in the Iberian Peninsula. Also the effect of climate on growth, which will allow an understanding the responses of forest species and ecosystems to future changes in climate. Throughout these years I have maintained collaborations with relevant scientists such as José Miguel Olano (Universidad de Valladolid), Adrián Escudero (Área de Biodiversidad y Conservación, Universidad Rey Juan Carlos) and Jesús Julio Camarero (Instituto de Ecología de los Pirineos (CSIC)) In recent years, I keep an intense and continuous collaboration with Doctor Asier Herrero. This collaboration has allowed studying how climate and competition modulate the growth of various woody species (yew, black locust, pedunculated oak...). Since 2018 I have been part of the group that studies the recovery of vegetation after the tornado that occurred in the Legaire beech forest (2018/07/04).

Part C. RELEVANT MERITS

C.1. Publications (including books)

- Laskurain, N. A., Aldezabal, A., Odriozola, I., Camarero, J. J., & Olano, J. M. (2018). Variation in the Climate Sensitivity Dependent on Neighbourhood Composition in a Secondary Mixed Forest. *Forests*, 9(1), 43. (Q1)
- Granda, E., Alla, A. Q., Laskurain, N. A., Loidi, J., Sánchez-Lorenzo, A., & Camarero, J. J. (2017). Coexisting oak species, including rear-edge populations, buffer climate stress through xylem adjustments. *Tree physiology*. (Q1)
- Odriozola, I., García-Baquero, G., Fortin, M.J., Laskurain, N.A., Aldezabal, A., 2017. Grazing exclusion unleashes competitive plant responses in Iberian Atlantic mountain grasslands. *Applied Vegetation Science* 20, 50-61. (Q1)
- García-González, R., Aldezabal, A., Laskurain, N.A., Margalida, A., Novoa, C., 2016. Influence of Snowmelt Timing on the Diet Quality of Pyrenean Rock Ptarmigan (*Lagopus muta pyrenaica*): Implications for Reproductive Success. *PLoS ONE* 11(2): e0148632. (Q1)
- García-González, R., Aldezabal, A., Laskurain, N.A., Margalida, A., Novoa, C., 2016. Factors Affecting Diet Variation in the Pyrenean Rock Ptarmigan (*Lagopus muta pyrenaica*): Conservation Implications. *PLoS ONE* 11(2): e0148614. (Q1)
- Laskurain, N. A., García-Mijangos, I., Manzanedo, H., Sesma, J., Ferrari, M., Calvo, T. G., & Loidi, J., 2016. Iberian Atlantic Forest Restoration: An Experiment Based in Vegetation Succession. In *Vegetation Structure and Function at Multiple Spatial, Temporal and Conceptual Scales* (pp. 475-497). Springer, Cham.
- Odriozola, I., García-Baquero, G., Laskurain, N.A., Aldezabal, A., 2014. Livestock grazing modifies the effect of environmental factors on soil temperature and water content in a temperate grassland. *Geoderma* 235-236, 347-354. (Q1)
- Aldezabal, A., Mandaluniz, N., Laskurain, N.A., 2013. Gorse (*Ulex* spp.) use by ponies in winter: Is the spatial pattern of browsing independent of the neighbouring vegetation? *Grass & Forage Science* 68, 49-58. (Q1 in 2013).
- Laskurain, N.A., Aldezabal, A. Olano, J.M., Loidi, J., Escudero, A., 2013. Intensification of domestic ungulate grazing delays secondary forest succession: evidence from enclosure plots. *Journal of Vegetation Science* 24, 320-331. (Q1)
- Olano, J. M., Laskurain, N. A., Escudero, A., De La Cruz, M. 2009. Why and where do adult trees die in a young secondary temperate forest? The role of neighbourhood. *Annals of Forest Science*, 66(1), 105-105.

C.2. Research projects and grants

- 2016-2021 Gobierno Vasco. Grupo de Investigación Consolidado, **IT1022-16**. Impacto del cambio climático en los sistemas agro-pascícolas: producción bajo premisas de sostenibilidad y seguridad alimentaria. 339,000 €. Investigador principal: Arantza Aldezabal Roteta.
- 2014-2017 Ministerio de Economía y Competitividad (MINECO), **AGL2013-48361-C2-1-R**. Pastoreo de montaña: calidad y trazabilidad de alimentos tradicionales, biodiversidad, adaptación del sistema al cambio global y desarrollo rural. 89,000 €. Investigador principal: Arantza Aldezabal Roteta.
- 2011-2014 Ministerio de Medio Ambiente y Medio Rural, **430/211**. Seguimiento y evaluación de los efectos del cambio global en la diversidad vegetal de los ecosistemas de montaña. 23,575 €. Investigador principal: Arantza Aldezabal Roteta.
- 2014-2015 Gobierno Vasco, **OTRI.2014.0390**. Estudio de la evolución temporal y los cambios paisajísticos en los pastos y matorrales de montaña de interés comunitario. 20,000 €. Investigador principal: Arantza Aldezabal Roteta.
- 2013-2016. NEIKER-Tecnalia, **OTRI: 2013.0607**. Servicios de asistencia técnica para la caracterización de dietas de rumiantes a partir de la técnica de micrografía fecal para determinación de cutículas de epidermis vegetales (dentro del proyecto LIFE-Regen Farming). 55,000 €. Investigador principal: Arantza Aldezabal Roteta.
- 2017 Ayuntamiento de Irun. Beca de Investigación José Antonio Loidi 2016. Sasiarkazia (*Robinia pseudoacacia* L.) espezie inbaditzailearen azterketa dendrokronologikoa Bidasoa-Behera eskualdean. 9.000 €. Investigador principal: Nere Amaia Lascurain.

C.3. Contracts

C.4. Patents

C.5. Works directions

Master's Thesis Direction

Title: Patrón espacio-temporal de la lluvia de semillas en un bosque mixto secundario

Student: Alberto Arzac

Year: September 2009

Title: Seguimiento de criterios de restauracion de la vegetacion natural en el territorio de Bizkaia despues de 15 años

Student: Tito Gerardo Calvo Serrato

Year: September 2009

Title: De la especie al individuo, contexto espacial en la respuesta al clima en un bosque mixto: una aproximacion dendroecologica

Student: Silvia Martínez

Year: September 2010

Title: Evolucion en la estructura y composicion de un bosque mixto secundario en urkiola

Student: Jon Bergaretxe

Year: September 2011

Title: Interes komunitarioa duten mendiko larre eta sastrakadien eboluzio tenporala eta aldaketa paisajistikoa

Student: Iratitz Zubeldia

Year: September 2013

Title: Landaretza potentziala berreskuratzeko jarraibideen proposamena Arrasateko egur landaketa mosaiko batean

Student: Asier Garay

Year: September 2014

Title: Lurzoru aldagaiek eta larratzeak eskala txikian landare konposizioan duten eragina Aralarko mendi-larreeta

Student: Maite López de Arbina

Year: September 2014

Title: Klimaren eragina haginaren (*Taxus baccata* L.) hazkuntzan eskualde klimatiko eta sexuaren arabera Euskal Autonomia Erkidegoan

Student: Ane Koskorrotza Madarieta

Year: September 2017

Title: Estudio dendrocronológico de Falsa acacia (*Robinia pseudoacacia* L.) en la comarca del Bajo Bidasoa: efectos de la competencia y el clima

Student: Noemí Álvarez Díaz

Year: September 2017

Final Degree Project directions

Title: Haritz kandudunaren (*Quercus robur* L.) hazkuntza erradialean klimak, eta bereziki txingorrek duen eraginaren analisi eta karakterizazioa

Student: Eider Gómez Abio

Year: September 2014

Title: Localización de tres plantas exóticas invasoras en Arrasate

Student: Olaia Martín Ayuca

Year: July 2015

Title: Aldagai klimatikoen eragina haginaren (*Taxus baccata* L.) hazkuntza-eraztunen zabaleran

Student: Ioritz Goizueta Royo

Year: July 2016

Title: Bergarako biodibertsitatearen kontserbaziorako estrategia eta ekintza planaren garapena

Student: Maddi Mujika Arrizabalaga

Year: July 2016

Title: Hagina (*Taxus baccata* L.) espezie dioikoa izanik, aleen sexuak klimaren eta hazkuntzaren arteko erlazioan duen eraginaren azterketa

Student: Miren Atristatin Vega

Year: September 2016

Title: Torrekua onura Publikoko eremuko landarediaren egoera eta kudeaketa plana

Student: Jon Patxi Ayastuy Iturbe

Year: February 2017

Title: Bisoi europarraren kontserbazioa.Egungo egoera eta erronkak

Student: Sara Aguado Saiz

Year: September 2017

Title: Hagin (*Taxus baccata* L.) populazioen egitura demografikoa Euskal Autonomia Erkidegoan

Student: Ane Jauregi Agirre

Year: July 2018

Title: Arabako errepideetan 2016 urtean izandako fauna harrapaketen ikerketa

Student: Iñaki Basabe Telleria

Year: September 2018