



**Fermín Jesús Alcasena
Urdíroz**

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Fermín is a "María Zambrano" call post-doc researcher at the University of Lleida. He completed a 3-year (2019 to 2021) research Scholar post-doc at the United States Forest Service International Visitor Program (USA), working on large wildfire modeling and landscape management scenario planning. Worked as a technical advisor during the development of the LIFE CLIMARK project (LIFE16 CCM/ES/000065) funded by the EU LIFE Program. Obtained the Ph.D. in Forest and Environmental Management at the University of Lleida in 2019. Conducted a 6-month Ph.D. stay at the College of Forestry of the Oregon State University (USA) in 2016. Collaborated as an external advisor and fieldwork supervisor (1 month, year 2015) for the United Nations Development Program CEDRO project implemented in Lebanon. Worked as a Research Project Assistant at the Euro-Mediterranean Center on Climate Change Foundation (Italy) for one year (March 2013 to February 2014) within the development of the FUME project funded by the European Community through its Seventh Framework Program (contract 243888). Experience as a freelance engineer managing public forests and as a logging operations supervisor for private companies in northern Spain (2010 to 2014). Recently granted research projects in 2021 include the "FirEURisk: Developing a holistic, risk-wise strategy for European wildfire management" (H2020-LC-CLA-2020-2 101003890), from April 2021 to April 2024. Also collaborating as a researcher in the "FIRE-RES. Innovative technologies and socio-ecological-economic solutions for fire resilient territories in Europe" project (Grant agreement ID: 101037419).



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

Scopus Author ID 56460360000 (<https://www.scopus.com/authid/detail.uri?authorId=56460360000>)
Google scholar ID 3nKPLnAAAAAJ&hl (<https://scholar.google.com/citations?user=3nKPLnAAAAAJ&hl=en&oi=ao>)
ResearchGate ID Fermin-Alcasena (<https://www.researchgate.net/profile/Fermin-Alcasena>)
Publons ID 1178166/fermin-j-alcasena/ (<https://publons.com/researcher/1178166/fermin-alcasena/>)
Web of Science ID H-6835-2019
Orcid; <https://orcid.org/0000-0002-2007-9487>

Fermín Jesús Alcasena Urdíroz

Surname(s): **Alcasena Urdíroz**
Name: **Fermín Jesús**
DNI: **72810267h**
ORCID: **0000-0002-2007-9487**
ScopusID: **56460360000**
ResearcherID: **H-6835-2019**
Date of birth: [REDACTED]
Gender: **Male**
Nationality: **Spain**
Country of birth: [REDACTED]
Aut. region/reg. of birth: [REDACTED]
Contact province: **Lleida**
City of birth: [REDACTED]
Contact address: [REDACTED]
Postcode: [REDACTED]
Contact country: **Spain**
Contact aut. region/reg.: **Catalonia**
Contact city: **Lleida**
Land line phone: [REDACTED]
Email: [REDACTED]
Mobile phone: [REDACTED]

Current professional situation

Employing entity: Universitat de Lleida **Type of entity:** University
Department: Ingenieria Agroforestal, Universitat de Lleida
Professional category: Contrato PostDoctoral María Zambrano
Start date: 01/01/2022
Type of contract: Temporary employment contract **Dedication regime:** Full time

Previous positions and activities

	Employing entity	Professional category	Start date
1	USDA Forest Service. International Visitor Program.	Government visitor; Research Scholar; Specialist, Post-doc	01/01/2019
2	Universitat de Lleida	Beca pre-doctoral	15/07/2014
3	Centro Euro Mediterraneo sui Cambiamenti Climatici	Asistente de investigación	01/03/2013
4	Autónomo	Ingeniero Montes. Proyectos de Ingeniería	01/01/2010
5	Fruites La Moreneta, S.A.T.	Técnico de procesos	01/06/2012
6	Maderas José Sáiz, S.L.	Ingeniero de Montes. Encargado forestal	01/08/2011
7	Dow AgroSciences Ibérica, S.A.	Técnico aplicador de fitosanitarios	01/03/2011
8	Universidad Pública de Navarra	Becario Dept. Producción Vegetal	01/01/2008

	Employing entity	Professional category	Start date
9	Union de Cooperativas Agrarias de Navarra	Auxiliar con formación agraria	01/07/2003

- 1** **Employing entity:** USDA Forest Service. **Type of entity:** State agency
International Visitor Program.
Department: Forest Ecosystems and Society, Oregon State University
City employing entity: Corvallis, United States of America
Professional category: Government visitor; **Educational Management (Yes/No):** No
Research Scholar; Specialist, Post-doc
Start-End date: 01/01/2019 - 31/12/2021 **Duration:** 3 years
Type of contract: Temporary employment contract
Field of management activity: General State Administration
- 2** **Employing entity:** Universitat de Lleida **Type of entity:** University
Professional category: Beca pre-doctoral
Start-End date: 15/07/2014 - 25/06/2019
- 3** **Employing entity:** Centro Euro Mediterraneo sui Cambiamenti Climatici **Type of entity:** Public Research Body
Professional category: Asistente de investigación
Start-End date: 01/03/2013 - 28/02/2014 **Duration:** 1 year
- 4** **Employing entity:** Autónomo **Type of entity:** Business
City employing entity: Garcirai, Foral Community of Navarre, Spain
Professional category: Ingeniero Montes. Proyectos de Ingeniería
Start-End date: 01/01/2010 - 28/02/2013
Type of contract: Autónomo cuenta propia
Performed tasks: Redacción y dirección de obra de proyectos vinculados a las convocatorias de "Ayudas a Trabajos Forestales" (repoblaciones, caminos rurales, pistas forestales, podas y clareos, restauración de ríos y riberas) y "Infraestructuras Locales Ganaderas" (cierres ganaderos, portillos, pasos canadienses, abrevaderos, alojamientos ganaderos y mangas ganaderas). Gestor de recursos naturales de entidades locales menores. Marcaciones pie a pie en pinares para la ejecución de claras. Ingeniero de Montes Colegiado n.º 5.896.
- 5** **Employing entity:** Fruites La Moreneta, S.A.T. **Type of entity:** Business
City employing entity: Alcarrás, Catalonia, Spain
Professional category: Técnico de procesos
Start-End date: 01/06/2012 - 30/09/2012
Type of contract: Temporary employment contract
Performed tasks: Control y seguimiento del proceso de recepción, clasificación y envasado de fruta en central. Preparación de programas para la clasificación de fruta, según especie, variedad o tipo de pedido. Identificación de las averías más habituales y ejecución de labores de mantenimiento básicas. Gestión de equipos de trabajo.
- 6** **Employing entity:** Maderas José Sáiz, S.L.
City employing entity: San Vicente de Toranzo, Cantabria, Spain
Professional category: Ingeniero de Montes. Encargado forestal
Start-End date: 01/08/2011 - 31/03/2012
Type of contract: Temporary employment contract
Performed tasks: Cubicaciones de madera en pie para su compra; estudios económicos para la explotación de aprovechamientos maderables; coordinación de equipos de trabajo, seguimiento

y organización de aprovechamientos maderables; redacciones de planes de aprovechamientos forestales; trato y negociación con propietarios forestales particulares y entidades locales menores; redacción de solicitudes para la petición de autorizaciones.

- 7** **Employing entity:** Dow AgroSciences Ibérica, S.A. **Type of entity:** Business

City employing entity: Lleida, Catalonia, Spain

Professional category: Técnico aplicador de fitosanitarios

Start-End date: 01/03/2011 - 30/06/2011

Type of contract: Temporary employment contract

Performed tasks: Preparación de parcelas/árboles para la ejecución de los ensayos; aplicación de fitosanitarios (insecticidas y herbicidas); seguimiento de ensayos, muestreos, conteos y toma de datos. Carnet de manipulador y aplicador de fitosanitarios: Nivel Cualificado QU 1066720/09.

- 8** **Employing entity:** Universidad Pública de Navarra **Type of entity:** University

Department: Departamento de Producción Vegetal

City employing entity: Pamplona, Foral Community of Navarre, Spain

Professional category: Becario Dept. Producción Vegetal

Start-End date: 01/01/2008 - 31/10/2008

Type of contract: Grant-assisted student (pre or post-doctoral, others)

Performed tasks: Siembras, plantaciones y mantenimiento de cultivos hortícolas en invernaderos; preparación de soluciones nutritivas para ensayos de fertirrigación; obtención de muestras en perfiles de suelos y determinación de contenidos de humedad en muestras.

Field of management activity: University

- 9** **Employing entity:** Union de Cooperativas Agrarias de Navarra **Type of entity:** Cooperativa

City employing entity: Pamplona, Foral Community of Navarre, Spain

Professional category: Auxiliar con formación agraria

Start-End date: 01/07/2003 - 30/09/2003

Type of contract: Temporary employment contract

Performed tasks: Ejecución de censo de maquinaria de las CUMAS y cooperativas adscritas a UCAN. Identificación y clasificación de maquinaria para la digitalización de expedientes



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1 University degree:** Higher degree
Name of qualification: Master en Incendios Forestales, Ciencia y Gestión Integral
Degree awarding entity: Universitat de Lleida **Type of entity:** University
Date of qualification: 28/03/2014
- 2 University degree:** Higher degree
Name of qualification: Ingeniero de Montes
Degree awarding entity: Universitat de Lleida **Type of entity:** University
Date of qualification: 28/02/2011
- 3 University degree:** Higher degree
Name of qualification: Ingeniero Agrónomo
Degree awarding entity: Universidad Pública de Navarra **Type of entity:** University
Date of qualification: 01/10/2010
- 4 University degree:** Middle degree
Name of qualification: Ingeniero Técnico Agrícola, especialidad en Hortofruticultura y Jardinería
Degree awarding entity: Universidad Pública de Navarra **Type of entity:** University
Date of qualification: 01/06/2007

Doctorates

Doctorate programme: Doctorat en Gestió Forestal i del Medi Natural
Degree awarding entity: Universitat de Lleida **Type of entity:** University
Date of degree: 25/06/2019

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian	C1	B2	B2	B1	A2
Catalan	C1	B2	C1	B2	A1
English	C2	C2	C1	C1	C1
Basque	C2	C2	C2	C2	C1
Spanish	C2	C2	C2	C2	C2



Teaching experience

General teaching experience

- 1** **Type of teaching:** Unofficial teaching
Name of the course: Incendios en la interfaz urbano forestal (WUI) 6ª edición
Type of teaching: In person theory
University degree: Curso propio Universitat de Lleida
Start date: 20/04/2020 **End date:** 31/05/2020
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escuela Técnica Superior de Ingeniería Agraria
City of entity: Carcaixent, Valencian Community, Spain
Subject language: Spanish
- 2** **Type of teaching:** Unofficial teaching
Name of the course: Incendios en la interfaz urbano forestal (WUI) 5ª edición
Type of teaching: In person theory
University degree: Curso propio Universitat de Lleida
Start date: 20/04/2019 **End date:** 31/05/2019
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 2
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escola Tècnica Superior d'Enginyeria Agrària
City of entity: Málaga, Andalusia, Spain
Subject language: Spanish
- 3** **Type of teaching:** Official teaching
Name of the course: Gestión Ambiental de la Actividad Forestal
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Màster Universitari en Enginyeria de Forests
Start date: 01/10/2017 **End date:** 31/10/2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,6
Entity: Universitat de Lleida **Type of entity:** University
Department: Enginyeria Agroforestal
City of entity: Lleida, Catalonia, Spain
Subject language: Catalan
- 4** **Type of teaching:** Official teaching
Name of the course: Causalidad, Factores y Modelos de Análisis del Riesgo
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Máster Interuniversitario Oficial en Incendios Forestales: Ciencia y Gestión Integral
Start date: 18/10/2017 **End date:** 19/10/2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,3



Entity: Universitat de Lleida
Department: Enginyeria Agroforestal
City of entity: Lleida, Catalonia, Spain
Subject language: Spanish

Type of entity: University

5 **Type of teaching:** Unofficial teaching
Name of the course: Domesticando el fuego: el uso del fuego para prevenir el fuego
Type of teaching: In person theory
University degree: Cursos de verano de las Universidades Navarra
Start date: 06/09/2017 **End date:** 07/09/2017
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 1
Entity: Universidad Pública de Navarra **Type of entity:** University
City of entity: Bertiz, Foral Community of Navarre, Spain
Subject language: Spanish

6 **Type of teaching:** Official teaching
Name of the course: Gestión Ambiental de la Actividad Forestal
Type of programme: Master's degree
University degree: Máster Universitario Oficial en Ingeniería de Montes
Start date: 01/10/2016 **End date:** 31/10/2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,4
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escola Tècnica Superior d'Enginyeria Agrària
Department: Enginyeria Agroforestal
City of entity: Lleida, Catalonia, Spain
Subject language: Catalan

7 **Type of teaching:** Official teaching
Name of the course: Máster Universitario Oficial Erasmus Mundus en Forestal Europeo
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Máster Universitario Oficial Erasmus Mundus en Forestal Europeo
Start date: 01/10/2016 **End date:** 31/10/2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 1
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escola Tècnica Superior d'Enginyeria Agrària
Department: Enginyeria Agroforestal
Subject language: English

8 **Type of teaching:** Official teaching
Name of the course: Gestión Sostenible de los Bosques
Type of programme: Master's degree **Type of teaching:** In person theory
University degree: Máster Universitario Oficial Erasmus Mundus en Forestal Europeo
Start date: 15/10/2015 **End date:** 15/02/2016
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escola Tècnica Superior d'Enginyeria Agrària
Department: Enginyeria Agroforestal



City of entity: Lleida, Catalonia, Spain

Subject language: English

- 9** **Type of teaching:** Official teaching
Name of the course: Gestión Sostenible de los Bosques
Type of programme: Master's degree
University degree: Máster Universitario Oficial Erasmus Mundus en Forestal Europeo
Start date: 15/10/2014 **End date:** 15/02/2015
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 5
Entity: Universitat de Lleida **Type of entity:** University
Faculty, institute or centre: Escola Tècnica Superior d'Enginyeria Agrària
Department: Enginyeria Agroforestal
City of entity: Lleida, Catalonia, Spain
Subject language: English

Experience supervising doctoral thesis and/or final year projects

Project title: Planificació per a la mitigació del risc d'incendis en els recursos cinegètics i naturals de la Reserva Nacional de Caza de Boumort
Type of project: End of course project
Entity: Universitat de Lleida **Type of entity:** University
City of entity: Lleida, Catalonia, Spain
Student: Balsells Palau
Identify key words: Fire protection
Date of reading: 01/10/2016

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** FIRE-RES. Innovative technologies and socio-ecological-economic solutions for fire resilient territories in Europe
Identify key words: Forestry holding; Fire protection; Risk prevention
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services **Geographical area:** European Union
Degree of contribution: Researcher
Entity where project took place: Centre Tecnològic Forestal de Catalunya **Type of entity:** Investigación aplicada
City of entity: Solsona, Catalonia, Spain
Name principal investigator (PI, Co-PI....): Antoni Trasobares
Type of participation: Team member
Name of the programme: H2020-EU.3.5.
Code according to the funding entity: Grant agreement ID: 101037419



Start-End date: 01/12/2021 - 30/11/2025

Total amount: 21.543.565 €

Dedication regime: Part time

Applicant's contribution: Simulación del comportamiento y la propagación de incendios
<https://cordis.europa.eu/project/id/101037419> Grant agreement ID: 101037419

2 Name of the project: FirePATHS. Fire danger pathways under climate change and management scenarios

Identify key words: Fire protection

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Geographical area: National

Entity where project took place: Universitat de Lleida

Type of entity: University

City of entity: Lleida, Catalonia, Spain

Nº of researchers: 15

Type of participation: Team member

Name of the programme: Convocatoria 2020 - «Proyectos de I+D+i» Plan Nacional

Code according to the funding entity: FirePATHS

Start-End date: 01/01/2022 - 31/12/2024

Dedication regime: Part time

Applicant's contribution: Simulacion del comportamiento y la propagación de incendios forestsles

3 Name of the project: FirEURisk. Developing a holistic, risk-wise strategy for European wildfire management. H2020-LC-CLA-2020-2 101003890

Identify key words: Fire

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Geographical area: European Union

Degree of contribution: Technician

Entity where project took place: Universitat de Lleida

Type of entity: University

City of entity: Lleida, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Domingos X Viegas; Emilio Chuvieco; Georgios Eftychidis; Sébastien Lahaye; George Boustras; Giovanni Laneve; Gitta Lasslop; Matthias Forkel; Johan Sjöström; Francisco Rodríguez y Silva; Jaime Ribalaygua; Nina Dobrinkova

Start-End date: 01/04/2021 - 01/04/2024

Total amount: 10.539.794 €

4 Name of the project: CLIMARK. Forest management promotion for climate change mitigation through the design of a local market of climate credits

Identify key words: Fire; Mediterranean forest; Climate change

Entity where project took place: Universitat de Lleida

Type of entity: University

City of entity: Lleida, Catalonia, Spain

Name principal investigator (PI, Co-PI....): Cristina Vega; Teresa Cervera

Start-End date: 01/10/2017 - 30/09/2021

Total amount: 1.212.883 €

Applicant's contribution: UNION EUROPEA LIFE16 CCM/ES/000065 <https://lifeclimark.eu/es/> https://ec.europa.eu/environment/life/project/Projects/index.cfm?fuseaction=search.dspPage&n_proj_id=6237

5 Name of the project: FUME. Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world

Identify key words: Degradation of the environment; Fire; Climate change

Entity where project took place: Centro
Euro-Mediterraneo sui Cambiamenti Climatici

Type of entity: R&D Centre

City of entity: Sassari, Sardegna, Italy

Name principal investigator (PI, Co-PI....): José M. Moreno; Margarita Arianoutsou; Donatella Spano; Armando Gonzalez Cabán

Start-End date: 01/01/2010 - 01/12/2013

Total amount: 8.228.226,79 €

Applicant's contribution: European Community Seventh Framework Programme (contract 243888) <https://cordis.europa.eu/project/id/243888/results> <https://www.cmcc.it/projects/fume-forest-fires-under-climate-social-and-economic-changes-in-europe-the-mediterranean-and-other-fire-affected-areas-of-the-world>

R&D non-competitive contracts, agreements or projects with public or private entities

Name of the project: UNDP CEDRO Program Forest inventory and management plans of Bkessine and Andket forests in Lebanon

Identify key words: Silviculture

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Entity where project took place: University of Balamand

Degree of contribution: Technician

Entity where project took place: University of Balamand

Type of entity: University

City of entity: Bkessine, Lebanon

Name principal investigator (PI, Co-PI....): George Mitri; Cristina Vega; Fermin J Alcasena Urdirroz

Participating entity/entities: FUNDACIO UNIVERSITAT DE LLEIDA; University of Balamand (Lebanon)

Funding entity or bodies:

Naciones Unidas

Type of entity: United Nations Development Programme

City funding entity: Lebanon

Type of project: Cooperation

Name of the programme: CEDRO Program

Start date: 01/05/2015

Duration: 1 month

Sub-project amount: 16.081,67 €

Relevant results: Inventario forestal para el aprovechamiento sostenible de los recursos forestales como biomasa

Identify key words: Silviculture; Generation from biomass

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Fermin Alcasena; Alan Ager; Pedro Belavenutti; Meg Krawchuk; Michelle Day. Contrasting the efficiency of landscape versus community protection fuel treatment strategies to reduce wildfire exposure and risk. *Journal of Environmental Management*. 309 - 114650, Elsevier, 01/05/2022.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 2** Marcos Rodrigues; María Zúñiga; Fermín Alcasena; Pere Gelabert; Cristina Vega. Integrating geospatial wildfire models to delineate landscape management zones and inform decision-making in Mediterranean areas. *Safety Science*. 147, pp. 105616. Elsevier, 03/12/2021.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 5 **Corresponding author:** No
- 3** Fermin Alcasena; Alan Ager; Yannick Le Page; Paulo Bessa; Carlos Loureiro; Tiago Oliveira. Assessing Wildfire Exposure to Communities and Protected Areas in Portugal. *Fire*. 4 - 82, MDPI, 02/11/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 4** Siba Ghadban; Aitor Ameztegui; Marcos Rodrigues; Cristina Chocarro; Fermin Alcasena; Cristina Vega García. Stand Structure and Local Landscape Variables Are the Dominant Factors Explaining Shrub and Tree Diversity in Mediterranean Forests. *Sustainability*. 13 - 21, pp. 11658. MDPI, 21/10/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 5** Fermin Alcasena Urdiroz; Marcos Rodrigues Mimbreno; Pere Gelabert; Alan Ager; Michele Salis; Aitor Ameztegui; Teresa Cervera; Cristina Vega Garcia. Fostering Carbon Credits to Finance Wildfire Risk Reduction Forest Management in Mediterranean Landscapes. *Land*. 10 - 10, pp. 1104. MDPI, 19/10/2021.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 6** Alan Ager; Michelle A Day; Fermín J. Alcasena; Cody Evers; Karen Short; Isaac Grenfell. Predicting Paradise: Modeling future wildfire disasters in the western US. *Science of The Total Environment*. Elsevier, 13/04/2021. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2021.147057>>.
Type of production: Scientific paper **Format:** Journal
Position of signature: 3 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 6 **Corresponding author:** No
- 7** Pierpaolo Duce; Carla Scarpa; Grazia Pellizzaro; Michele Salis; Bachisio Arca; Liliana Del Giudice; Palaiologos Palaiologou; Fermin Alcasena Urdiroz; Alan Ager; Michele Fiori; Matilde Schirru; Andrea Ventura; Marcello Casula. Application of simulation modeling for wildfire exposure and transmission assessment in Sardinia, Italy. *International Journal of Disaster Risk Reduction*. 58, Elsevier, 19/03/2021. Available on-line at: <<https://doi.org/10.1016/j.ijdr.2021.102189>>.
Type of production: Scientific paper **Format:** Journal

**Position of signature:** 5**Total no. authors:** 13**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 8** Luiz F Galizia; Fermín Alcasena; Gabriel Prata; Marcos Rodrigues. Assessing expected economic losses from wildfires in eucalypt plantations of western Brazil. *Forest Policy and Economics*. 125, Elsevier, 01/02/2021. Available on-line at: <<https://doi.org/10.1016/j.forpol.2021.102405>>.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 9** Marcos Rodrigues; Fermin Alcasena; Pere Gelabert; Cristina Vega. Geospatial Modeling of Containment Probability for Escaped Wildfires in a Mediterranean Region. *Risk Analysis*. 40, pp. 1762 - 1779. Wiley, 29/09/2020. Available on-line at: <<https://doi.org/10.1111/risa.13524>>.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 4**Format:** Journal**Degree of contribution:** Author or co-author of article in journal without external admissions assessment committee**Corresponding author:** No

- 10** Roghayeh Jahdi; Michele Salis; Fermín J Alcasena; Mahdi Arabi; Bachisio Arca; Pierpaolo Duce. Evaluating landscape-scale wildfire exposure in northwestern Iran. *Natural Hazards*. 101, pp. 911 - 932. Springer, 20/03/2020. Available on-line at: <<https://doi.org/10.1007/s11069-020-03901-4>>.

Type of production: Scientific paper**Position of signature:** 3**Total no. authors:** 6**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 11** Fermin J Alcasena Urdiroz; Cristina Vega; Alan Ager; Michele Salis; Nicholas Nauslar; Francisco J Mendizabal; Rafael Castell. Metodología de evaluación del riesgo de incendios forestales y priorización de tratamientos multifuncionales en paisajes mediterráneos. *Cuadernos de Investigación Geográfica*. 45 - 2, pp. 571 - 600. Universidad de La Rioja, 04/09/2019. Available on-line at: <<http://doi.org/10.18172/cig.3716>>.

Type of production: Scientific paper**Position of signature:** 1**Total no. authors:** 7**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** Yes

- 12** Marcos Rodrigues; Fermín Alcasena; Cristina Vega García. Modeling initial attack success of wildfire suppression in Catalonia, Spain. *Science of The Total Environment*. 666, pp. 915 - 927. Elsevier, 20/05/2019. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2019.02.323>>.

Type of production: Scientific paper**Position of signature:** 2**Total no. authors:** 3**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Corresponding author:** No

- 13** Michele Salis; Liliana Del Giudice; Peter R. Robichaud; Alan A. Ager; Annalisa Canu; Pierpaolo Duce; Grazia Pellizzaro; Andrea Ventura; Fermin Alcasena Urdiroz; Donatella Spano; Bachisio Arca. Coupling wildfire spread and erosion models to quantify post-fire erosion before and after fuel treatments. *International Journal of Wildland Fire*. 28 - 9, pp. 687 - 703. CSIRO, 12/05/2019. Available on-line at: <<https://doi.org/10.1071/WF19034>>.

Type of production: Scientific paper**Position of signature:** 9**Format:** Journal**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee

**Total no. authors:** 11**Corresponding author:** No

- 14** Michele Salis; Bachisio Arca; Fermín Alcasena Urdíroz; Antonella Massaiu; Valentina Bacciu; Frédéric Bosseur; Sandro Dettori; Philippe Caramelle; Ana Sofia Fernandes De Oliveira; Domingo Molina Terrén; Grazia Pellizzaro; Paul-Antoine Santoni; Spano; Cristina Vega Garcia; Pierpaolo Duce. Analyzing the recent dynamics of wildland fires in *Quercus suber* L. woodlands in Sardinia (Italy), Corsica (France) and Catalonia (Spain). *European Journal of Forest Research*. 138, pp. 415 - 431. Springer, 20/02/2019. Available on-line at: <<https://doi.org/10.1007/s10342-019-01179-1>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 3**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 15**Corresponding author:** No

- 15** Fermín J Alcasena; Alan Ager; John D Bailey; Nicolau Pineda; Cristina Vega Garcia. Towards a comprehensive wildfire management strategy for Mediterranean areas: Framework development and implementation in Catalonia, Spain. *Journal of Environmental Management*. 231, pp. 303 - 320. Elsevier, 01/02/2019. Available on-line at: <<https://doi.org/10.1016/j.jenvman.2018.10.027>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Corresponding author:** Yes

- 16** Fermin Alcasena; Cody Evers; Cristina Vega Garcia. The wildland-urban interface raster dataset of Catalonia. *Data in Brief*. 17, pp. 124 - 128. Elsevier, 17/04/2018. Available on-line at: <<https://doi.org/10.1016/j.dib.2017.12.066>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 3**Corresponding author:** Yes

- 17** Fermín J Alcasena; Alan Ager; Michele Salis; Michelle A Day; Cristina Vega Garcia. Wildfire spread, hazard and exposure metric raster grids for central Catalonia. *Data in Brief*. 17, pp. 1 - 5. Elsevier, 17/04/2018. Available on-line at: <<https://doi.org/10.1016/j.dib.2017.12.069>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Corresponding author:** Yes

- 18** Michele Salis; Liliana Del Giudice; Bachisio Arca; Alan Ager; Fermin J Alcasena Urdíroz; Olga Lozano; Valentina Bacciu; Donatella Spano; Pierpaolo Duce. Modeling the effects of different fuel treatment mosaics on wildfire spread and behavior in a Mediterranean agro-pastoral area. *Journal of Environmental Management*. 212, pp. 490 - 505. Elsevier, 15/04/2018. Available on-line at: <<https://doi.org/10.1016/j.jenvman.2018.02.020>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 5**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 9**Corresponding author:** No

- 19** Fermín J Alcasena; Alan Ager; Michele Salis; Michelle A Day; Cristina Vega Garcia. Optimizing prescribed fire allocation for managing fire risk in central Catalonia. *Science of The Total Environment*. 621, pp. 872 - 885. Elsevier, 15/04/2018. Available on-line at: <<https://doi.org/10.1016/j.scitotenv.2017.11.297>>.

Type of production: Scientific paper**Format:** Journal**Position of signature:** 1**Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee**Total no. authors:** 5**Corresponding author:** Yes

- 20** Fermín J Alcasena; Michele Salis; Alan A Ager; Rafael Castell; Cristina Vega García. Assessing wildland fire risk transmission to communities in northern Spain. *Forests*. 8 - 2, MDPI, 24/01/2017. Available on-line at: <<https://doi.org/10.3390/f8020030>>.
- Type of production:** Scientific paper
Position of signature: 1
Total no. authors: 5
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 21** Olga M Lozano; Michele Salis; Alan Ager; Bachiso Arca; Fermin J Alcasena; Antonio T Monteiro; Mark A Finney; Liliana Del Giudice; Enrico Scoccimarro; Donatella Spano. Assessing Climate Change Impacts on Wildfire Exposure in Mediterranean Areas. *Risk Analysis*. 37 - 10, pp. 1898 - 1916. Wiley, 20/12/2016. Available on-line at: <<https://doi.org/10.1111/risa.12739>>.
- Type of production:** Scientific paper
Position of signature: 5
Total no. authors: 10
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 22** Fermin J Alcasena Urdiroz; Michele Salis; Nicholas Nauslar; Eduardo Aguinaga; Cristina Vega García. Quantifying economic losses from wildfires in black pine afforestations of northern Spain. *Forest Policy and Economics*. 73, pp. 153 - 167. Elsevier, 01/12/2016. Available on-line at: <<http://dx.doi.org/10.1016/j.forpol.2016.09.005>>.
- Type of production:** Scientific paper
Position of signature: 1
Total no. authors: 5
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 23** Michele Salis; Bachisio Arca; Fermin Alcasena; Margarita Arianoutsou; Valentina Bacciu; Pierpaolo Duce; Beatriz Duguy; Nikos Koutsias; Giorgos Mallinis; Ioannis Mitsopoulos; José M Moreno; José Ramón Pérez; Itziar R Urbieto; Fotios Xystrakis; Gonzalo Zavala; Donatella Spano. Predicting wildfire spread and behaviour in Mediterranean landscapes. *International Journal of Wildland Fire*. 25 - 10, pp. 1015 - 1032. CSIRO, 02/08/2016. Available on-line at: <<http://dx.doi.org/10.1071/WF15081>>.
- Type of production:** Scientific paper
Position of signature: 3
Total no. authors: 16
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 24** Michele Salis; Maurizio Laconi; Alan A Ager; Fermín J Alcasena; Bachisio Arca; Olga Lozano. Evaluating alternative fuel treatment strategies to reduce wildfire losses in a Mediterranean area. *Forest Ecology and Management*. 368, pp. 207 - 221. Elsevier, 15/05/2016. Available on-line at: <<http://dx.doi.org/10.1016/j.foreco.2016.03.009>>.
- Type of production:** Scientific paper
Position of signature: 4
Total no. authors: 6
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 25** Roghayeh Jahdi; Michele Salis; Ali A Darvishsefat; Fermin Alcasena; Mir A Mostafavi; Vahid Etemad; Olga M. Lozano; Donatella Spano. Evaluating fire modelling systems in recent wildfires of the Golestan National Park, Iran. *Forestry*. 89 - 2, pp. 136 - 149. OXFORD Academic, 20/11/2015. Available on-line at: <<https://doi.org/10.1093/forestry/cpv045>>.
- Type of production:** Scientific paper
Position of signature: 4
Total no. authors: 8
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No

- 26** Alcasena Urdiroz; Michele Salis; Cristina Vega García. A fire modeling approach to assess wildfire exposure of valued resources in central Navarra, Spain. *European Journal of Forest Research*. 135, pp. 87 - 107. Springer, 27/10/2015. Available on-line at: <<https://doi.org/10.1007/s10342-015-0919-6>>.
- Type of production:** Scientific paper
Position of signature: 1
Total no. authors: 3
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 27** Roghayeh Jahdi; Ali A. Darvishsefat; Mir A. Mostafavi; Fermin Alcasena; Vahid Etemad; Olga Lozano. Calibration of FARSITE simulator in northern Iranian forests. *Natural Hazards and Earth System Sciences*. 15, pp. 443 - 459. Copernicus Publications, 06/03/2015. Available on-line at: <<https://doi.org/10.5194/nhess-15-443-2015>>.
- Type of production:** Scientific paper
Position of signature: 4
Total no. authors: 5
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 28** Fermin J Alcasena; Michele Salis; Alan Ager; Bachisio Arga; Domingo Molina; Donatella Spano. Assessing Landscape Scale Wildfire Exposure for Highly Valued Resources in a Mediterranean Area. *Environmental Management*. 55, pp. 1200 - 1216. Elsevier, 23/01/2015. Available on-line at: <<https://doi.org/10.1007/s00267-015-0448-6>>.
- Type of production:** Scientific paper
Position of signature: 1
Total no. authors: 5
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: Yes
- 29** Michele Salis; Alan A Ager; Fermin J Alcasena; Bachisio Arca; Mark A Finney; Grazia Pellizzaro; Donatella Spano. Analyzing seasonal patterns of wildfire exposure factors in Sardinia, Italy. *Environmental Monitoring and Assessment*. 187, Elsevier, 04/12/2014. Available on-line at: <<https://doi.org/10.1007/s10661-014-4175-x>>.
- Type of production:** Scientific paper
Position of signature: 3
Total no. authors: 5
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
Corresponding author: No
- 30** Michele Salis; Alan Ager; Mark Finney; Fermin Alcasena Urdiroz; Bachisio Arca; Olaga Muñoz Lozano; Paul Santoni; Donatella Spano. Application of simulation modeling for wildfire risk assessment and management. Chapter 6 - Forest Management. *Advances in forest fire research*. pp. 1646 - 1657. Coimbra(Portugal): Domingos Xavier Viegas Ed., 2018. Available on-line at: <http://dx.doi.org/10.14195/978-989-26-0884-6_181>. ISBN 978-989-26-0884-6
- Type of production:** Book chapter
Position of signature: 4
Total no. authors: 8
- Format:** Scientific and technical document or report
Degree of contribution: Author or co-author of chapter in book
Corresponding author: No
- 31** Maillé; Fernández Ramiro; Bouillon; Constantino Sirca; Bachisio Arca; Bellet; Fierro; F. Casula; Long Fournel; D. Morge; Grazia Pellizzaro; Owen Price; Pugnet; Michele Salis. Topic 5 Wildfire risk in the rural-urban interface. *Forest fires under climate, social and economic changes in Europe, the Mediterranean and other fire-affected areas of the world*. pp. 14 - 15. Moreno, J.M., 2014. ISBN 978-84-695-9759-0
- Type of production:** Book chapter
Position of signature: 6
Total no. authors: 14
- Format:** Book
Degree of contribution: Author or co-author of chapter in book
Corresponding author: No

- 32** Alan A. Ager; Michelle A. Day; Chris Ringo; Cody R. Evers; Fermin J. Alcasena; Rachel M. Houtman; Michael Scanlon; Tania Ellersick. Development and Application of the Fireshed Registry. General Technical Report RMRS-GTR-425. pp. 1 - 47. USDA Forest Service, 01/05/2021.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
Corresponding author: No
- 33** George Mitri; Cristina Vega; Fermin Alcasena; Mireille Jazi; Jessica Karam; Sabine Saba; Sergi Costafreda Aumedes; Iris Monfort. Forest inventory and management plans of Bkessine and Andket forests in Lebanon. UNDP-CEDRO Publication. United Nations Development Programme, 2016.
Type of production: Scientific-technical report **Format:** Scientific and technical document or report
Position of signature: 3 **Degree of contribution:** Author or co-author of article in journal with external admissions assessment committee
Total no. authors: 8 **Corresponding author:** No
- 34** Cody Evers; Chris Ringo; Alan Ager; Michelle A Day; Fermin J Alcasena Urdíroz; Bunzel. The Fireshed Registry: Fireshed and project area boundaries for the continental United States. Research Data Archive. USDA Forest Service, 01/12/2020. Available on-line at: <<https://doi.org/10.2737/RDS-2020-0054>>.
Type of production: Base de Datos SIG **Format:** Scientific and technical document or report
Position of signature: 5 **Degree of contribution:** Author or co-author of scientific or technical document for the general public
Total no. authors: 6 **Corresponding author:** No

Works submitted to national or international conferences

- 1** **Title of the work:** Assessing the wildfire activity in protected areas of the Amazon basin
Name of the conference: EGU General Assembly 2021
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: Yes
Date of event: 19/04/2021
End date: 30/04/2021
Organising entity: European Geosciences Union
City organizing entity: Göttingen, Germany
Emmanuel Da Ponte; Fermín Alcasena; Tejas Bhagwat; Zhongyang Hu.
- 2** **Title of the work:** Implementing collaborative planning programs to generate fire-adapted communities
Name of the conference: Live Webinar
Type of event: Live webinar **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Flagstaff, Arizona, United States of America
Date of event: 26/08/2020
End date: 26/08/2020
Organising entity: Southwest Fire Science Consortium **Type of entity:** Associations and Groups
City organizing entity: Flagstaff, Arizona, United States of America
Fermin Alcasena. Available on-line at: <<https://www.swfireconsortium.org/2020/08/19/august-26-2020-implementing-collaborative-planning-programs-to-generate-fire-adapted-communities/>>.

- 3** **Title of the work:** The design of fire-resilient landscapes within an strategic fire management framework to better coexist with fire in Mediterranean Europe
Name of the conference: IALE 2020
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
Date of event: 10/05/2020
End date: 14/05/2020
Organising entity: International Association for Landscape Ecology **Type of entity:** Associations and Groups
City organizing entity: Toronto, Ontario, Canada
Fermin Alcasena; Alan Ager; Cristina Vega Garcia.
- 4** **Title of the work:** Coupling wildfire spread and erosion models to quantify post-fire erosion in Northern Sardinia, Italy
Name of the conference: EGU General Assembly 2020
Type of event: Conference
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Vienna, Austria
Date of event: 03/05/2020
End date: 08/05/2020
Organising entity: European Geosciences Union **Type of entity:** Public Research Body
Liliana Del Giudice; Bachisio Arca; Peter R Robichaud; Alan Ager; Annalisa Canu; Pierpaolo Duce; Grazia Pellizzaro; Andrea Ventura; Fermin Alcasena Urdiroz; Donatella Spano.
- 5** **Title of the work:** Wildfire risk management framework
Name of the conference: Live Webinar
Type of event: Live Webinar
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Lisboa, Lisboa, Portugal
Date of event: 28/04/2020
End date: 28/04/2020
Organising entity: Agência para a Gestão Integrada de Fogos Rurais **Type of entity:** State agency
City organizing entity: Lisboa, Lisboa, Portugal
Alan Ager; Fermin Alcasena.
- 6** **Title of the work:** Implementing collaborative planning programs to generate fire-adapted communities in the western US
Name of the conference: 8th International Fire Ecology and Management Congress
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Tucson, Arizona, United States of America
Date of event: 18/11/2019
End date: 22/11/2019
Organising entity: Association for Fire Ecology **Type of entity:** Associations and Groups
City organizing entity: Eugene, Oregon, United States of America
Fermin Alcasena; Meg Krawchuck; Alan Ager; Cody Evers; Michelle A Day; Rachel Houtman.

- 7** **Title of the work:** Testing the potential of suppressant foams in limiting fire spread in herbaceous-fuels
Name of the conference: VIII International Conference on Forest Service of Sardinia
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Coimbra, Centro (P), Portugal
Date of event: 09/11/2018
End date: 16/11/2018
Organising entity: Universidade de Coimbra **Type of entity:** University
City organizing entity: Coimbra, Centro (P), Portugal
Michele Salis; Bachisio Arca; Andrea Ventura; Grazia Pellizzaro; Marcelo Casula.
- 8** **Title of the work:** Cross-scale wildfire risk management in Mediterranean landscapes
Name of the conference: I Forum on Catalan Wildfire Research
Type of event: Seminar **Geographical area:** Regional
Type of participation: Participatory - oral communication
Corresponding author: Yes
City of event: Barcelona, Catalonia, Spain
Date of event: 06/11/2018
End date: 06/11/2018
Organising entity: Universitat Politècnica de Catalunya **Type of entity:** University
City organizing entity: Barcelona, Catalonia, Spain
Fermín Alcasena; Alan Ager; Marcos Rodrigues; Michele Salis; Cristina Vega.
- 9** **Title of the work:** Strategie di trattamento del combustibile: effetto di localizzazione, dimensione e superficie trattata sul rischio incendi
Name of the conference: IV Congresso Nazionale di Selvicoltura
Type of event: Conference **Geographical area:** European Union
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Torino, Piemonte, Italy
Date of event: 05/11/2018
End date: 09/11/2018
Organising entity: Accademia Italiana Di Scienze Forestali **Type of entity:** Public Research Body
City organizing entity: Firenze, Toscana, Italy
Michele Salis; Bachisio Arca; Alan Ager; Mark Finney; Fermin Alcasena; Grazia Pellizzaro; Andrea Ventura; Olga Lozano; Liliana Del Giudice; Valentina Bacciu; Donatella Spano; Cristina Vega Garcia; Pierpaolo Duce.
- 10** **Title of the work:** Recent dynamics of forest fires in Quercus suber L. woodlands in Sardinia, Corsica and Catalonia
Name of the conference: International Congress on Cork Oak Trees and Woodlands: conservation, management, products and challenges for the future
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
Corresponding author: No
City of event: Sassari, Sardegna, Italy
Date of event: 25/05/2017
End date: 26/05/2017

Organising entity: University of Sassari

Type of entity: University

City organizing entity: Sassari, Sardegna, Italy

Michele Salis; Bachisio Arca; Fermin Alcasena; Antonella Massaiu; Valentina Bacciu; Gabino Diana; Frederic Bosseur; Phillipe Caramelle; Paolo Santoni; Domingo Molina; Cristina Vega; Sandro Dettori; Donatella Spano.

11 Title of the work: A comparison of wildfire risk modeling methods used for mitigation planning in the USA

Name of the conference: IV International Congress on Risks

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Coimbra, Centro (P), Portugal

Date of event: 23/05/2017

End date: 26/05/2017

Organising entity: Associação Portuguesa de Riscos, Prevenção e Segurança

Type of entity: Associations and Groups

City organizing entity: Vilarinho, Norte, Portugal

Alan Ager; Ana Barros; Fermin Alcasena; Palaiologos Palaiologou; Cody Evers.

12 Title of the work: Wildfire risk management on large Mediterranean landscapes

Name of the conference: IV International Congress on Risks

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Coimbra, Centro (P), Portugal

Date of event: 23/05/2017

End date: 26/05/2017

Organising entity: Associação Portuguesa de Riscos, Prevenção e Segurança

Type of entity: Associations and Groups

City organizing entity: Vilarinho, Norte, Portugal

Fermín Alcasena Urdíroz; Alan Ager; John Bailey; Cristina Vega García. "Wildfire risk management on large Mediterranean landscapes".

13 Title of the work: Optimizing the use of prescribed fire for managing wildland fuels in Catalonia

Name of the conference: International Congress on Prescribed Fires

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Barcelona, Catalonia, Spain

Date of event: 31/01/2017

End date: 03/03/2017

Organising entity: Pau Costa Foundation

Type of entity: Associations and Groups

City organizing entity: Tivissa, Catalonia, Spain

Fermín J. Alcasena Urdíroz; Alan Ager; Michele Salis. "Optimizing the use of prescribed fire for managing wildland fuels in Catalonia".

14 Title of the work: Riesgo de incendios a escala de paisaje en entorno Mediterráneo

Name of the conference: VI Edició Jornades de Transferència i innovació forestal. Treballant per uns boscos més resilents i productius

Type of event: Workshop

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Girona, Spain

Date of event: 26/10/2015

End date: 26/10/2015

Organising entity: Centre Tecnològic Forestal de Catalunya

Type of entity: Centro de Investigación

City organizing entity: Girona, Catalonia, Spain
Fermin Alcasena.

15 Title of the work: Fine scale fire risk mapping in forest stands of central Navarre (Spain)

Name of the conference: II International Conference in Fire Behavior and Risk

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: Yes

City of event: Alghero, Sardegna, Italy

Date of event: 26/05/2015

End date: 29/05/2015

Organising entity: Fondazione Centro Euro-Mediterraneo sui Cambiamenti Climatici

Type of entity: Public Research Body

City organizing entity: Lecce, Puglia, Italy

Fermín J. Alcasena Urdíroz; Sergi Costafreda Aumedes; Iris Monfort Bagüe; Cristina Vega García. "Fine scale fire risk mapping in forest stands of central Navarre (Spain)".

16 Title of the work: Analyzing wildfire exposure on Sardinia, Italy

Name of the conference: EGU General Assembly 2014

Type of event: Conference

Geographical area: Non EU International

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Viena, Austria

Date of event: 27/04/2014

End date: 02/05/2014

Organising entity: European Geosciences Union

Type of entity: Associations and Groups

City organizing entity: Munich, Germany

Michele Salis; Alan Ager; Bachisio Arca; Mark Finney; Fermin Alcasena; Valentina Bacciu; Pierpaolo Duce; Olga Muñoz Lozano; Donatella Spano.

17 Title of the work: Analyzing changes in wildfire likelihood and intensity in Mediterranean areas: a case study from central Sardinia, Italy

Name of the conference: First Annual Conference of the Italian Society for Climate Sciences

Type of event: Conference

Geographical area: European Union

Type of participation: Participatory - oral communication

Corresponding author: No

City of event: Lecce, Puglia, Italy

Date of event: 23/09/2013

End date: 24/09/2013

Organising entity: Italian Society for the Climate Sciences

Type of entity: State agency

City organizing entity: Lecce, Puglia, Italy

Michele Salis; Fermín Alcasena; Alan Ager; Franco Casula; Bachisio Arca; Valentina Bacciu; Donatella Spano.

**C****V****n**

CURRÍCULUM VITAE NORMALIZADO

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Other achievements

Stays in public or private R&D centres

Entity: Oregon State University**Type of entity:** University**Faculty, institute or centre:** Colleague of Forestry**City of entity:** Corvallis, United States of America**Start-End date:** 01/03/2016 - 31/08/2016**Duration:** 6 months**Goals of the stay:** Doctorate**Provable tasks:** Análisis del riesgo de incendios y transmisión a escala de paisaje