

WELCOME TO THE ICFBR2022 CONFERENCE!

The Conference aims to involve scientists, researchers and policy makers whose activities are focused on different aspects of fires and their impacts on ecosystems and society.

The conference includes a Special Session on Remote Sensing and Fires, under the patronage of EARSEL's Special Interest Group on Forest Fires.

Simultaneous translation into Italian, English and French will be available on 3-4-5 May, during all plenary sessions. During parallel sessions, translation will be available only in Room 1.

Wireless internet access is available throughout the hotel conference areas. The WI-FI access is free. Please, ask at the hotel reception or the Supporting Secretariat.

The Supporting Secretariat desk will be available at the Conference venue for welcome and assistance to participants.

The desk will be open in the following hours:

2 May: from 16.00 to 18.00
3-5 May: from 08.00 to 19.00



KEY NOTE SPEAKERS

ALAN AGER
Research Scientist, USDA Forest Service (USA)

ANA MIRANDA
Full Professor, University of Aveiro (Portugal)

ALEXANDRA SYPHARD
Senior Research Ecologist, Conservation Biology Institute (USA)

JULI PAUSAS
Research Scientist, Spanish National Research Council (Spain)

MARTA YEBRA
Associate Professor, Australian National University (AUS)

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III INTERNATIONAL CONFERENCE ON FIRE BEHAVIOR AND RISK

INCLUDING A SPECIAL SESSION ON REMOTE SENSING AND FIRES

3-6 MAY 2022
HOTEL CARLOS V
ALGERO

ORGANIZED BY



MAY 3, 2022

	ROOM 1	ROOM 2	ROOM 3
9:00	WELCOME ADDRESS		
9:20			
9:40	IT-FR Marittimo Projects on Wildfires: MED-STAR - Belloi		
10:00	IT-FR Marittimo Projects on Wildfires: MEDCOOPIRE - Lantero		
10:20	IT-FR Marittimo Projects on Wildfires: MEDPSS - Carlon		
10:40	IT-FR Marittimo Projects on Wildfires: MEDFORESTE - Foderi		
11:00	IT-FR Marittimo Projects on Wildfires: INTERMED - Tihay-Felicelli		
11:20	COFFEE BREAK		
11:40	KEYNOTE 1 - ALEXANDRA SYPHARD		
12:00	KEYNOTE 1 - ALEXANDRA SYPHARD		
12:20	PROJ1 Chuvieco	WUI1 Alcasena	WBS1 Pagnini
12:40	PROJ2 Maltoni	WUI2 Del Giudice	WBS2 Benali
13:00 14:35	LUNCH		
14:40	PROJ3 Overmeyer	WUI3 Price	WBS3 Baghino
15:00	PROJ4 Franquesa	WUI4 Oliveira	WBS4 Pedes
15:20	PROJ5 Mallinis	WUI5 Vacca	WBS5 Voltolina
15:40	PROJ6 Pernice	WUI6 Le Fur	WBS6 Graziani
16:00	PROJ7 Arca	WUI7 Tedim	WBS7 Pagnini
16:20	COFFEE BREAK		
16:40	PROJ8 Sirca	WUI8 Lorenzetti	WBS8 O'Connor
17:00	PROJ9 Taccaliti	WUI9 Meerpoel Pietri	WBS9 Ascoli
17:20	PROJ10 Trucchia	WUI10 Graziani	WBS10 Lopez De Castro
17:40	PROJ11 Schirru	POSTERS (Costa Saura, Ferreira, Zamproni)	WBS11 Egorova

Session Codes	Session Title
CWW	Climate, weather & wildfires
FWFE	Forest fuels & wildfires, & fire ecology
PROJ	Projects on wildfires
RSW	Remote sensing & wildfires

MAY 4, 2022

	ROOM 1	ROOM 2	ROOM 3
9:00	KEYNOTE 2 - JULI PAUSAS		
9:20			
9:40	KEYNOTE 3 - MARTA YEBRA		
10:00			
10:20	WBS12 - Giannaros	FWFE1 Fernandes	RSW01-02 Chuvieco
10:40	WBS13 - Benali	FWFE2 McColl-Gausden	RSW01-02 Chuvieco
11:00	COFFEE BREAK		
11:20	WBS14 Papavasileiou	FWFE3 Mitsopoulos	RSW3 Ambrosia
11:40	WBS15 Cabiddu	FWFE4 Donis	RSW4 Cimdins
12:00	WBS16 Arca	FWFE5 Frassinelli	RSW5 Stroppiana
12:20	WBS17 Rizzolo	FWFE6 Volokitina	RSW6 Batista
12:40	WBS18 Jamalad-	FWFE7 Rosavec	RSW7 Labenski
13:00 14:35	LUNCH		
14:40	WBS19 Filkov	FWFE8 Ewald	RSW8 Pepe
15:00	WBS20 Fayad	FWFE9 Giannico	RSW9 Lopez De Castro
15:20	WBS21 Awad	FWFE10 Muller	RSW10 Costa Saura
15:40	POSTERS (Aparicio, Ponziani)	FWFE11 Silva	RSW11 Ferrara
16:00		FWFE12 Perez-Ramirez	RSW12 Labenski
16:20	COFFEE BREAK		
16:40	WDER1 Jolly	FWFE13 Kukavskaya	RSW13 Marques
17:00	WDER2 Perello	FWFE14 Martinent	POSTERS (Fiori, Lovreglio, Ferner, Kaddouche)
17:20	WDER3 Salis	FWFE15 Capece	EASEL - DISC
17:40	WDER4 Sa	POSTERS (Baksic, Barcic, Oddi, Pellizz.)	

Session Codes	Session Title
WBS	Wildfire behavior & spread
WDER	Wildfire danger, exposure, & risk
WPM	Wildfire prevention & management
WUI	Wildfires at WUI

MAY 5, 2022

	ROOM 1	ROOM 2	ROOM 3
9:00	KEYNOTE 4 - ANA MIRANDA		
9:20			
9:40	KEYNOTE 5 - ALAN AGER		
10:00			
10:20	WPM1 O'Connor	CWW1 Galizia	WDER5 Filippi
10:40	WPM2 Tedim	CWW2 Parisien	WDER6 Bruni
11:00	COFFEE BREAK		
11:20	WPM3 Pacini	CWW3 Gallo	WDER7 Jahdi
11:40	WPM4 Wilson	CWW4 Egorova	WDER8 Fiorucci
12:00	WPM5 Seric	CWW5 Novo	WDER9 Gouveia
12:20	WPM6 Stonesifer	CWW6 Casula	WDER10 Rodrigues
12:40	WPM7 Aparicio	CWW7 Osswald	WDER11 Elia
13:00 14:35	LUNCH		
14:40	WPM8 Palaiologou	CWW8 Little	WDER12 Catelo
15:00	WPM9 Ferner	CWW9 Ferrer Palomino	WDER13 Aparicio
15:20	WPM10 Brouwers	CWW10 Brown	WDER14 Stonesifer
15:40	WPM11 Pereira-Pires	CWW11 Marshall	WDER15 Calvani
16:00	WPM12 Fernandes	CWW12 Mieziite	WDER16 Maillé
16:20	COFFEE BREAK		
16:40	WPM13 Scarpa	CWW13 Bacciu	WDER17 Lopes
17:00	WPM14 Massaiu	POSTERS (Dubrovsky, Andrade, Mozny, Bacciu, Rio, Pano, Bacciu, Esposito, Kujawska)	POSTERS (Andrade, Bruni, Costa Saura(2), Meschi, Gouveia, Richelmy, Canu, Usai, Ribotta)
17:20	POSTERS (Fajardo, Khalaf, Longeard, Ribotta, Tinaburri, Puxeddu)		
17:40			
17:50	CLOSURE		

List of works presented at ICFBR2022 (Session, Code, Presenting Author, Title, Type)

Session	Code	Presenting Author	Title	Type
Climate, weather & wildfires	CWW01	Galizia	Pyrogeography: an alternative zonation for Europe	Talk
Climate, weather & wildfires	CWW02	Parisien	The effect of broadleaf-tree greenup on springtime wildfire occurrence in boreal Canada	Talk
Climate, weather & wildfires	CWW03	Gallo	Assessing the capacity of General Circulation Models to simulate spatiotemporal variability in fire weather indicators	Talk
Climate, weather & wildfires	CWW04	Egorova	Climate classification of the fire-spotting generated wildfires	Talk
Climate, weather & wildfires	CWW05	Novo	Typical weather conditions of large wildfires in Portugal (1980-2018)	Talk
Climate, weather & wildfires	CWW06	Casula	A mass consistent approach to improve wind downscaling for real time fire spread simulations	Talk
Climate, weather & wildfires	CWW07	Osswald	Estimating the impact on air quality of the Portuguese 2017 forest fires with the new APIFLAME model	Talk
Climate, weather & wildfires	CWW08	Little	The magnitude and drivers of fuel moisture content variability in a heather moorland landscape: implications for wildfire danger rating assessments	Talk
Climate, weather & wildfires	CWW09	Ferrer Palomino	Estimation of moisture in live fuels in the Mediterranean area with random forest	Talk
Climate, weather & wildfires	CWW10	Brown	Climate change and nighttime fire behavior	Talk
Climate, weather & wildfires	CWW11	Marshall	Spatial estimates of future fire risk considering climate and fuel management for conservation planning	Talk
Climate, weather & wildfires	CWW12	Miezīte	Fire behavior pathways under climate change and management scenarios	Talk
Climate, weather & wildfires	CWW13	Bacciu	Application of a participatory process for the selection of adaptation actions in the context of rural and forest fires: preliminary results from the experience of	Talk
Climate, weather & wildfires	CWW14	Dubrovsky	Modelling Present and Future Wildfire Risk with Use of Fire Weather Index, Spatial Weather Generator and Regional Climate Models	Poster
Climate, weather & wildfires	CWW16	Andrade	Exploring the combination of fire danger indices and their persistence in predicting favorable conditions for forest fires	Poster
Climate, weather & wildfires	CWW17	Mozny	How is climate change affecting wildfires in the Czech Republic?	Poster
Climate, weather & wildfires	CWW18	Bacciu	A review of recent climate evolution, projected climate change and its impacts on future fire regime and behavior in the Italy-France Maritime cooperation area	Poster
Climate, weather & wildfires	CWW19	Rio	Evaluating the vertical profiles of the temperature, relative humidity and wind speed in the boundary layer in a region with complex terrain	Poster
Climate, weather & wildfires	CWW20	Panov	Studying boreal and arctic wildfires: linking atmospheric trace gas measurements, earth observations and molecular tracers of organic matter	Poster
Climate, weather & wildfires	CWW21	Bacciu	Impact of three large fires on air quality in Sardinia (Italy)	Poster
Climate, weather & wildfires	CWW22	Esposito	Clues of frequent post-fire erosion responses in the Campania Region (Southern Italy)	Poster
Climate, weather & wildfires	CWW23	Kujawska	Soil biochar amendment as a climate change mitigation tool	Poster
Forest fuels & wildfires, & fire ecology	FWFE01	Fernandes	Modelling the behavior and extent of mid-Holocene lightning-caused fires in Portugal	Talk
Forest fuels & wildfires, & fire ecology	FWFE02	McCull-Gausden	Biodiversity in fire risk analysis: response of plant viability to demographic shifts in fire prone Australian forests	Talk
Forest fuels & wildfires, & fire ecology	FWFE03	Mitsopoulos	Assessing wildfire risk to Forest Ecosystem Services over protected areas	Talk
Forest fuels & wildfires, & fire ecology	FWFE04	Donis	Trees as a legacies of forest fires in Scots pine dominated stands: case study in Latvia	Talk
Forest fuels & wildfires, & fire ecology	FWFE05	Frassinelli	Forest fuel loads characterization: a geostatistical approach investigated during the MED-Star project	Talk
Forest fuels & wildfires, & fire ecology	FWFE06	Volokitina	Development of information databases for vegetation fire behavior prediction	Talk
Forest fuels & wildfires, & fire ecology	FWFE07	Rosavec	Flammability and combustibility of some Mediterranean species related with forest fires in Croatia	Talk
Forest fuels & wildfires, & fire ecology	FWFE08	Ewald	Litter flammability in temperate forests of Central Europe	Talk
Forest fuels & wildfires, & fire ecology	FWFE09	Giannico	Machine Learning Techniques for Fine Dead Fuel Load Estimation Using Multi-Source Remote Sensing Data	Talk
Forest fuels & wildfires, & fire ecology	FWFE10	Müller	Improving an integrated fire danger assessment with high resolution vegetation parameters	Talk
Forest fuels & wildfires, & fire ecology	FWFE11	Silva	Effect of fuel management and forest composition on fire behavior	Talk
Forest fuels & wildfires, & fire ecology	FWFE12	Pérez-Ramirez	Modelling cork oak woodlands for wildfire simulations with WFDS: the role of vegetation spatial patterns	Talk
Forest fuels & wildfires, & fire ecology	FWFE13	Kukavskaya	Integrating field and satellite data for improved estimation of fuel consumption and carbon emissions in Siberia	Talk
Forest fuels & wildfires, & fire ecology	FWFE14	Martinent	Smoke emission from burning wood and thermoplastic decking slabs with a calorimeter cone	Talk
Forest fuels & wildfires, & fire ecology	FWFE15	Capece	NDVI analysis for monitoring the spatial and temporal variability of the vegetation cover in Sardinia. A proposal to support natural hazard management	Talk
Forest fuels & wildfires, & fire ecology	FWFE16	Bakšić	Equilibrium moisture content of dead fine fuels of pubescent oak (<i>Quercus pubescens</i> Willd.) and holm oak (<i>Quercus ilex</i> L.)	Poster
Forest fuels & wildfires, & fire ecology	FWFE17	Barčić	The chemical composition changes of Aleppo pine (<i>Pinus halepensis</i> Mill.) and black pine (<i>Pinus nigra</i> J.F.Arnold) wood after a forest fire: usability for bioproducts	Poster
Forest fuels & wildfires, & fire ecology	FWFE18	Oddi	Keep an eye on Mediterranean vegetation: a phenocam approach	Poster
Forest fuels & wildfires, & fire ecology	FWFE19	Pellizzaro	Drought, live fuel moisture content, and fire occurrence: a case of study in North-Western Sardinia (Italy)	Poster
Projects on wildfires	IT-FR-01	Belloi	Strategies and measures for wildfire risk mitigation in the Mediterranean area: the MED-Star project	Talk
Projects on wildfires	IT-FR-02	Lantero	The Medcoopfire project	Talk

Session	Code	Presenting Author	Title	Type
Projects on wildfires	IT-FR-03	Carlou	Med-PSS: Developing forest fires' risk culture in the Franco-Italian Mediterranean area	Talk
Projects on wildfires	IT-FR-04	Foderi	Forest fire risk reduction strategies: results and perspectives of the MED-Foreste project	Talk
Projects on wildfires	IT-FR-05	Felicelli	The Intermed project	Talk
Projects on wildfires	PROJ01	Chuvienco	FirEUrisk - DEVELOPING A HOLISTIC, RISK-WISE STRATEGY FOR EUROPEAN WILDFIRE MANAGEMENT	Talk
Projects on wildfires	PROJ02	Maltoni	The FIRE-RES project: Innovative Technologies and Socio-Ecological-Economic Solutions for FIRE RESilient Territories in Europe	Talk
Projects on wildfires	PROJ03	Overmeyer	Cross-sector dialogue for Wildfire Risk Management	Talk
Projects on wildfires	PROJ04	Franquesa	The role of humans determining fire regimes: the AnthroFire project	Talk
Projects on wildfires	PROJ05	Mallinis	Establishment of a Risk & Resilience Assessment Center in the Prefecture of East Macedonia and Thrace in Greece: The Wildfire Hazard Module	Talk
Projects on wildfires	PROJ06	Pernice	Harmonizing wildfire risk assessment in Western Balkans through the IPAFF project	Talk
Projects on wildfires	PROJ07	Arca	Integrated platform for wildfire prevention and management: the S2IGI Project	Talk
Projects on wildfires	PROJ08	Sirca	OFIDIA2: An operational platform for fire danger prevention and monitoring	Talk
Projects on wildfires	PROJ09	Taccaliti	Outputs of the CROSSIT SAFER Project: research and cooperation to manage natural hazards	Talk
Projects on wildfires	PROJ10	Trucchia	Sharing information for wildfire risk management: the MEDSTAR platform	Talk
Projects on wildfires	PROJ11	Schirru	Communication outputs and outcomes of the MED-Star and the four joint projects (Intermed; Med-Coopfire; Med-Foreste; Med-PSS)	Talk
Remote sensing & wildfires	RSW01-02	Chuvienco	Global analysis of burned areas for climate assessment: experiences from the Fire_CCI project	Talk
Remote sensing & wildfires	RSW03	Ambrosia	NASA's New Wildland Fire Earth Observation Science & Applications Programmatic Developments	Talk
Remote sensing & wildfires	RSW04	Cimdins	Regional variability and driving forces behind forest fires in Sweden	Talk
Remote sensing & wildfires	RSW05	Stroppiana	An automatic algorithm for mapping burned areas from Sentinel data in Mediterranean Europe: analysis of 2021 major fire events in Italy and Greece	Talk
Remote sensing & wildfires	RSW06	Batista	Evaluation of different sensors for characterization of burned areas in the State of Tocantins, Brazil	Talk
Remote sensing & wildfires	RSW07	Labenski	Deep learning-based surface fuel type classification from forest stand photographs and Sentinel-2 time series	Talk
Remote sensing & wildfires	RSW08	Pepe	Mapping burned areas from Sentinel-1 and Sentinel-2 data	Talk
Remote sensing & wildfires	RSW09	López-De-Castro	High resolution fuel type mapping through satellite imagery and neural networks for wildfire simulations: a case study in Spain	Talk
Remote sensing & wildfires	RSW10	Costa Saura	Live fuel moisture estimation using Sentinel 2 data in non-monospecific Mediterranean shrublands	Talk
Remote sensing & wildfires	RSW11	Ferrara	Characterization of canopy in Mediterranean forest stands by terrestrial laser scanning	Talk
Remote sensing & wildfires	RSW12	Labenski	What do satellite-based burn severity indices tell us - explaining Sentinel-2 dNBR variability using very high resolution pre- and postfire UAV imagery	Talk
Remote sensing & wildfires	RSW13	Marques	A UAV-based ignition detection in prescribed fires using Deep Learning	Talk
Remote sensing & wildfires	RSW14	Fiori	Near real-time burned area mapping using Sentinel-2 and ancillary data: Italy as a test case	Poster
Remote sensing & wildfires	RSW16	Lovreglio	Assessment of Post-Fire Vegetation Recovery Using Fire Severity in Sardinia (Oristano - Montiferru)	Poster
Remote sensing & wildfires	RSW17	Ferner	Leverage ArcGIS Remote Sensing Tools to improve wildfire management	Poster
Remote sensing & wildfires	RSW18	Kaddouche	Fires' impact on olive orchards in Kabylia (North of Algeria): use of GIS and remote sensing	Poster
Wildfire behavior & spread	WBS01	Pagnini	Predicting the arrival of the unpredictable: an approach for foreseeing the transition to chaos in wildfire propagation	Talk
Wildfire behavior & spread	WBS02	Benali	A near-real time operational stochastic fire spread simulator	Talk
Wildfire behavior & spread	WBS03	Baghino	PROPAGATOR, a Cellular Automata model for fast wildfire simulations: latest improvements and future perspectives	Talk
Wildfire behavior & spread	WBS04	Pedes	Enhancement of the Web-based Wildfire Simulator for wind intensity model and crown fire modeling	Talk
Wildfire behavior & spread	WBS05	Voltolina	A machine learning-based model for predicting wildland surface fire spread according to the Rothemel's equations	Talk
Wildfire behavior & spread	WBS06	Graziani	Modelling the burning of an ornamental vegetation with WFDS: from laboratory to field scale	Talk
Wildfire behavior & spread	WBS07	Pagnini	Probability density function of a random area and its application to wildfires	Talk
Wildfire behavior & spread	WBS08	OConnor	Modelling potential control locations: development and adoption of data-driven analytics to support strategic and tactical wildfire containment decisions	Talk
Wildfire behavior & spread	WBS09	Ascoli	Using the Rothemel package in R to test standard and custom fuel models against global fire behavior data	Talk
Wildfire behavior & spread	WBS10	López-De-Castro	Physical and non-physical fire-spotting models: a comparison study by a wildfire simulator based on a cellular automata approach	Talk
Wildfire behavior & spread	WBS11	Egorova	Fire-spotting generated fires: the role of macro- and meso-scale factors	Talk
Wildfire behavior & spread	WBS12	Giannaros	The Varympompi 2021 (Athens, Greece) extreme wildfire: insights from coupled fire-atmosphere numerical simulations	Talk
Wildfire behavior & spread	WBS13	Benali	The Portuguese large wildfire spread database: development and lessons learned	Talk
Wildfire behavior & spread	WBS14	Papavasileiou	The catastrophic 2021 wildfires in Greece: an outbreak of pyroconvective events	Talk
Wildfire behavior & spread	WBS15	Cabiddu	The 2021 Montiferru's wildfire, Sardinia (Italy): analysis of a large wildfire	Talk
Wildfire behavior & spread	WBS16	Arca	Evaluating wildfire simulators on the 2021 large fires occurred in Sardinia	Talk

Session	Code	Presenting Author	Title	Type
Wildfire behavior & spread	WBS17	Rizzolo	Assessing the potential impacts of the Vaia Storm on wildfire spread and behavior in the Veneto Region	Talk
Wildfire behavior & spread	WBS18	Jamaladdeen	VOCs and wildfire flashovers	Talk
Wildfire behavior & spread	WBS19	Filkov	A field study of fire behaviour in merging fires	Talk
Wildfire behavior & spread	WBS20	Fayad	Numerical study of junction fires on sloped terrain for grassland vegetation	Talk
Wildfire behavior & spread	WBS21	Awad	Numerical and experimental study of the impact of the bulk density on fire spread through a homogenous vegetation layer	Talk
Wildfire behavior & spread	WBS22	Aparício	A new tool to assist the calibration of fire growth models	Poster
Wildfire behavior & spread	WBS23	Ponziani	Water based shields deployment on terrain during wildfire spread: a modelling approach using distributed information through autonomous agents	Poster
Wildfire danger, exposure, & risk	WDER01	Jolly	Calibrating the US National Fire Danger Rating System for Sardinia	Talk
Wildfire danger, exposure, & risk	WDER02	Perello	RISICO, an enhanced Forest Fire Danger rating system: validation on 2021 extreme wildfire season in Southern Italy	Talk
Wildfire danger, exposure, & risk	WDER03	Salis	Wildfire simulation modeling to analyze wildfire hazard and exposure in the Italy-France Maritime cooperation area (Sardinia, Corsica, Tuscany, Liguria and P	Talk
Wildfire danger, exposure, & risk	WDER04	Sá	Wildfire hazard and landscape connectivity assessment in the Serra da Cabreira Mountain, Portugal	Talk
Wildfire danger, exposure, & risk	WDER05	Filippi	On the use of hourly burn probabilities derived from simulation to generate next day danger forecast	Talk
Wildfire danger, exposure, & risk	WDER06	Bruni	Wildfire hazard and risk assessment in pulp paper industrial properties under extreme weather conditions: a case-study in North-Western Portugal	Talk
Wildfire danger, exposure, & risk	WDER07	Jahdi	Spatiotemporal patterns of wildfire likelihood and intensity in Ardabil Province, NW Iran	Talk
Wildfire danger, exposure, & risk	WDER08	Fiorucci	Performance and efficiency of machine learning based approaches for wildfire susceptibility mapping	Talk
Wildfire danger, exposure, & risk	WDER09	Gouveia	Fire Risk assessment over Mediterranean basin during 2017-2021 using SEVIRI-MSG	Talk
Wildfire danger, exposure, & risk	WDER10	Rodrigues	High-resolution modeling of lightning ignition likelihood in Spain	Talk
Wildfire danger, exposure, & risk	WDER11	Elia	Uncovering current pyroregions in Italy using wildfire metrics	Talk
Climate, weather & wildfires	WDER12	Catelo	Anticipating future extreme wildfires by predicting the probability of ignition and escape to initial attack in Catalunya	Poster
Wildfire danger, exposure, & risk	WDER13	Aparício	Assessing the benefits of a national fuel break network to reduce wildfire exposure in Portugal	Talk
Wildfire danger, exposure, & risk	WDER14	Stonesifer	Is this flight necessary? Strategic risk management for fire suppression aircraft	Talk
Wildfire danger, exposure, & risk	WDER15	Calvani	MED-Star project - Analysis of participatory pathways for assessing the citizens' perception of fire risk in pilot municipalities	Talk
Wildfire danger, exposure, & risk	WDER16	Maillé	Modelling the wildfire risk components using experts opinions-based multicriteria evaluation. A focus on fire ignition and outbreak hazards	Talk
Wildfire danger, exposure, & risk	WDER17	Lopes	Smoke from extreme wildfire events and human health	Talk
Wildfire danger, exposure, & risk	WDER18	Andrade	A socioeconomic model to improve fire ignition danger assessment in an Alpine environment	Poster
Wildfire danger, exposure, & risk	WDER19	Bruni	Assessing economical losses in pulp industry properties due to large wildfires in central Portugal	Poster
Wildfire danger, exposure, & risk	WDER20	Costa Saura	Contrasting patterns and interpretations between fire spread simulators and machine learning models when mapping burn probabilities: a case study for Me	Poster
Wildfire danger, exposure, & risk	WDER21	Costa Saura	Machine learning models to build and project wildfire severity across ecosystem functions and vegetation types on large territories	Poster
Wildfire danger, exposure, & risk	WDER22	Meschi	Using crossborder multisource burned area datasets for assessing wildfire susceptibility using machine learning techniques	Poster
Wildfire danger, exposure, & risk	WDER23	Gouveia	Calibration of the Canadian Forest Fire Weather Index (FWI) System over Mediterranean basin using Fire Released Energy from SEVIRI/MSG	Poster
Wildfire danger, exposure, & risk	WDER24	Richelmy	A spatial analysis of wildfire risk factors in agroforestry areas under climate change: a case study from Monte Pisanu, Sardinia (Italy)	Poster
Wildfire danger, exposure, & risk	WDER25	Canu	Quantifying post-fire sediment erosion in the Montiferru area (Sardinia, Italy): preliminary results	Poster
Wildfire danger, exposure, & risk	WDER26	Usai	Case study of an accident in fire suppression actions: kinetic energy of the water drops and physical integrity of the forest firefighters	Poster
Wildfire danger, exposure, & risk	WDER27	Ribotta	Mapping fire ignition probability through a two-level approach on a Mediterranean area: the Corse (France) case study	Poster
Wildfire prevention & management	WPM01	O'Connor	Integrating pre-season planning with event response: the PODS - RMA framework	Talk
Wildfire prevention & management	WPM02	Tedim	Limitations and opportunities of spatial planning to enhance wildfire risk reduction: evidences from Portugal	Talk
Wildfire prevention & management	WPM03	Pacini	The new Specific Plans of forest fire prevention	Talk
Wildfire prevention & management	WPM04	Wilson	Understanding unplanned fire ignition patterns to improve early fire detection and resource deployment	Talk
Wildfire prevention & management	WPM05	Seric	Site-specific wildfire risk index in Croatian wildfire monitoring and surveillance operating system	Talk
Wildfire prevention & management	WPM06	Stonesifer	Firefighting aircraft: understanding current practices to shape future response in a changing world	Talk
Wildfire prevention & management	WPM07	Aparício	Combining wildfire behaviour simulations and connectivity metrics to support wildfire management	Talk
Wildfire prevention & management	WPM08	Palaiologou	Emerging challenges of wildfire risk management in the islands of the Aegean Archipelago	Talk
Wildfire prevention & management	WPM09	Ferner	Improve wildland fire management with ArcGIS	Talk
Wildfire prevention & management	WPM10	Brouwers	Multi-stakeholder analysis of fire risk reduction in a densely populated area in the Netherlands: a case-study in the Veluwe area	Talk
Wildfire prevention & management	WPM11	Pereira-Pires	Monitoring fuel treatments and fuel accumulation with Sentinel-2 data: the case of the Portuguese countrywide fuel break network	Talk
Wildfire prevention & management	WPM12	Fernandes	The effect of prescribed burning in decreasing wildfire extent in Portugal	Talk

Session	Code	Presenting Author	Title	Type
Wildfire prevention & management	WPM13	Scarpa	Modelling the effects of fuel management strategies on fire risk in a Mediterranean coastal area: the case study of Porto Conte Regional Natural Park (Italy)	Talk
Wildfire prevention & management	WPM14	Massaiu	Self-resistance forest stand and landscape	Talk
Wildfire prevention & management	WPM15	Fajardo	Effects on soil and vegetation of prescribed burn in the southeast of the Iberian peninsula	Poster
Wildfire prevention & management	WPM16	Khalaf	Optimum allocation of firebreaks networks during the design process in Golestan National Park, northeastern Iran	Poster
Wildfire prevention & management	WPM17	Longeard	Efficiency and impact of prescribed burning under Pinus laricio forest	Poster
Wildfire prevention & management	WPM18	Ribotta	Spatial variability of wildfire causes in French Eastern Mediterranean regions	Poster
Wildfire prevention & management	WPM19	Tinaburri	Regional forest fires database. A tool to support forest fire management	Poster
Wildfire prevention & management	WPM20	Puxeddu	The 1931 wildfire occurred in Supramonte (Sardinia): a cartographic study useful to evaluate and manage the burned area after 90 years	Poster
Wildfires at WUI	WUI01	Alcasena	Advancing new methods for creating fire-resilient communities in Mediterranean areas	Talk
Wildfires at WUI	WUI02	Del Giudice	Characterizing and Mapping the Wildland-Anthropic Interface of the Italy-France Maritime cooperation area	Talk
Wildfires at WUI	WUI03	Price	Multi-factor analysis of house loss in two major wildfire seasons in NSW Australia	Talk
Wildfires at WUI	WUI04	Oliveira	Is native forest an alternative to prevent wildfire in the WUI in Central Portugal?	Talk
Wildfires at WUI	WUI05	Vacca	Implementation of a Vulnerability Assessment Tool for properties at the Wildland-Urban Interface based on real case studies	Talk
Wildfires at WUI	WUI06	Le Fur	How do the residents of a peri-urban metropolitan area perceive and adapt to their surrounding landscape? A socio-spatial study of the bushfire risk represe	Talk
Wildfires at WUI	WUI07	Tedim	Experiences of "Safe Village, Safe People", a program to enhance wildfire risk reduction and preparedness in Portugal: implications for policy	Talk
Wildfires at WUI	WUI08	Lorenzetti	Insights on passive fire protection of wood materials in use at wildland-urban interface: case of intumescent coatings	Talk
Wildfires at WUI	WUI09	Meerpoel Pietri	Laboratory investigation of flammability of two decking slabs used in the Wildland-Urban Interface	Talk
Wildfires at WUI	WUI10	Graziani	Effect of incoming wind on combustion of ornamental vegetation at the wildland-urban interface	Talk
Wildfires at WUI	WUI11	Costa Saura	A multi-component approach for mapping wildfire risk in the wildland-urban interface	Poster
Wildfires at WUI	WUI12	Ferreira	Mapping wildland-urban interface for wildfires in Campina Grande do Sul and Quatro Barras, Paraná, Brazil	Poster
Wildfires at WUI	WUI14	Zamproni	Forest fires along highways in the last 10 years in Curitiba and Metropolitan region, Paraná, Brazil	Poster