



FIRE ECOLOGY ACROSS BOUNDARIES: CONNECTING SCIENCE AND MANAGEMENT

October, 4-7, 2022
Florence (Italy) & online everywhere



*For virtual content, you can click the session/presentation title to get to [Whova](#) for the link to join or view. Log-in to Whova with the email address you used to register. For all in-person and virtual presentations, see Whova for abstracts and speaker bios.

Tuesday, 4 October 2022

Morning Sessions		4 October, Florence	
CEST	Santa Apollonia, Auditorium (200 p)	Santa Apollonia, Room Poccetti (40 p)	Piazza dell'Unità, Room 114 (25 p)
8:10am	Registration Open		
9:00am - 11:00am	<p>Panel Discussion <i>Future wildfire risk scenarios addressing the expected impacts by the Green Deal related to building resilience into European landscapes</i> Organizer: Eduard Plana, Forest Science and Technology Centre of Catalonia (CTFC)</p>	<p>4-hr Workshop: Pre-registration required <i>Collaborative, cross-boundary spatial fire planning for a changing fire environment</i> Organizer: Christopher J Dunn and Andy McEvoy, Oregon State University</p>	<p>4-hr Workshop: Pre-registration required <i>What 'musts' should education consider when raising awareness about wildfires</i> Organizer: Celia Conde and Xènia Juan, Pau Costa Foundation</p>
11:00am - 11:30am	Break		
11:30am - 12:30pm	<p>Oral Presentations: Landscape management and local community engagement Moderator: Alexander Held, Senior Expert, EFI Resilience Programme</p> <ul style="list-style-type: none"> – <i>Prioritizing Post-fire Restoration in Chaparral Shrublands in Southern California</i>, by Emma Underwood (University of California, Davis) – <i>Burned area severity estimation with deep learning and Sentinel-2</i>, by Luca Barco (LINKS Foundation) – <i>SE FireMap: Understanding Fire Impacts on the Landscape</i>, by Joe Noble (Tall Timbers Research) – <i>How boundary spanning organizations increase social and ecological resilience to wildfire</i>, by Christina Restaino (University of Nevada, Reno) – <i>Scale Mismatches in Fire Management and Attendant Policy Solutions</i>, by Courtney Schultz (Colorado State University) 	<p>Workshop Cont'd: Collaborative, cross-boundary spatial fire planning for a changing fire environment</p>	<p>Workshop Cont'd: What 'musts' should education consider when raising awareness about wildfires</p>

<p>12:30pm - 1:30pm</p>	<p>Oral Presentations: Landscape management and local community engagement Moderator: Alexander Held, Senior Expert, EFI Resilience Programme</p> <ul style="list-style-type: none"> - <i>The past is not even past: Managing the legacy effects of historical forest management regimes in Europe’s Mediterranean Basin</i>, by Francisco Seijo (Instituto de Empresa School of Global and Public Affairs) - <i>Restoration of longleaf pine ecosystems on abandoned agricultural land treated with frequent prescribed fire</i>, by Kevin Robertson (Tall Timbers Research) - <i>A mathematical tool for decision making in wildfire suppression</i>, by Bibiana Granda (Universidad Complutense de Madrid) - <i>Indigenous fire management as a valuable climate change land-use-based mitigation technology</i>, by Bibiana Alejandra Bilbao (Universidad Simón Bolívar) - <i>Indigenous knowledge and a scientific fire management policy for India's forests</i>, by Raman Sukumar (Indian Institute of Science) 		
--------------------------------	---	--	--

Afternoon Sessions		4 October, Florence	
CEST	Santa Apollonia, Auditorium	Santa Apollonia, Room Poccetti	
<p>1:30pm - 3:00pm</p>	<p>Lunch, Provided</p>		
<p>3:00pm - 4:00pm</p>	<p>Oral Presentations: Landscape management and local community engagement Moderator: Courtney Schultz, Colorado State University</p> <ul style="list-style-type: none"> - <i>Active land management mitigates wildfires impacts in Italy</i>, by Gian Luca Spadoni (University of Turin / University School for Advanced Studies IUSS Pavia) - <i>Factors leading to home loss during a wind-driven wildfire in a Mediterranean ecosystem</i>, by Christopher A. Dicus (California Polytechnic State University, San Luis Obispo) - <i>Engaging People and Place for a Better Relationship with Fire</i>, by Marek Smith (The Nature Conservancy) - <i>Forest fire prevention and protection at the Wildland-Urban Interface (WUI) of Thessaloniki Urban Forest, Greece</i> by Peristera Kourakli, Forest Service of Thessaloniki - <i>Lessons learned from the fire season 2022</i>, by Zisoula Ntasiou (Hellenic Fire Service) 	<p>Roundtable Discussion <i>Why is it so difficult shifting wildfire management from emergency-response towards prevention, preparedness, and mitigation? Critical insights from wildfire governance in Italy</i> Organizer: Judith A. Kirschner, PyroLife ITN, European University Cyprus</p>	
<p>4:00pm - 4:30pm</p>	<p>Break</p>		

Welcome and Plenary: Indigenous and Local Ecological Knowledge		4 October, Florence and Online
CEST	Santa Apollonia, Auditorium	
4:30pm - 5:00pm	Local Welcome and Opening Remarks	
5:00pm - 7:00pm	<p>Plenary: Indigenous and Local Ecological Knowledge Presented virtually, streamed for Florence attendees</p> <p>Moderators</p> <ul style="list-style-type: none"> – Bibiana Bilbao, Professor, Department of Environmental Studies, Universidad Simón Bolívar, Venezuela – Mary Huffman, Director, Indigenous Peoples Burning Network, The Nature Conservancy, USA <p>Panelists</p> <ul style="list-style-type: none"> – Lucy Amisshah, Senior Research Scientist, Council for Scientific and Industrial Research, Forestry Research Institute Ghana, Ghana – Rohan Fisher, Fire Researcher, Charles Darwin University, Australia – Jesús Garzón, President, Trashumancia y Naturaleza and Concejo de la Mesta Association, Spain – Lara Steil, Forest Officer, FAO (Food and Agriculture Organization of the United Nations), International 	

Virtual Concurrent Sessions		4 October, Online
CEST	Zoom 1 Moderator: Dolors Armenteras , Universidad Nacional de Colombia	Zoom 2 Moderator:
	Oral Presentations: New fire generations in Europe and beyond	Student and Early Career Researcher Panel: AFE Harrison Scholarship Recipients
7:30pm - 7:45pm	– <i>Are fire regimes changing in Europe? A pan-European analysis</i> , by Andrea Duane (University of Lleida)	Panelists
7:45pm - 8:00pm	– <i>Provincial fire governance alters local ecocultural fire in British Columbia, Canada</i> by Kelsey Copes-Gerbitz (University of British Columbia)	– <i>Effects of timing on fire-herbivore interactions</i> , Emma Zeitler , University of Florida
8:00pm - 8:15pm	– <i>A burning delta. The neglected value of the islander's traditional knowledge of fire in the Paraná River, Argentina</i> , by Adriana Millán (Centro de Investigación y de Transferencia Rafeela/UNRaf-CONICET)	– <i>An investigation of subalpine forest dynamics before and after short-interval fire in Routt National Forest, Colorado</i> , Ashlyn Sneed , Texas Tech University
8:15pm - 8:30pm	– <i>Reconstructing Frequent-Fire Jeffrey Pine Forests in California's Sierra Nevada Mountains</i> , by Paige Kouba (University of California Davis)	– <i>Pyrolysis and photolysis act as controls on dissolved organic matter sorption to aluminum hydroxide</i> , Burke Leonce , Baylor University
8:30pm - 8:45pm	Question/Answer and Discussion	– <i>Annual grass invasion and fire in Inland Northwest forests, USA</i> , Claire Tortorelli , University of California, Davis
		Question/Answer and Discussion

Wednesday 5 October 2022

Morning Sessions		5 October, Florence	
CEST	Santa Apollonia, Auditorium	Santa Apollonia, Room Poccetti	Piazza del Duomo, Room Cutuli
8:40am	Registration Open		
9:00am – 9:50am	<p>Panel Discussion <i>Connecting educational projects on fire ecology and management</i> Organizers: Celia Conde and Xènia Juan, Pau Costa Foundation Panelists:</p> <ul style="list-style-type: none"> – Pablo Souza, Universidad Santiago de Compostela – Conceição Colaço, Instituto Superior de Agronomia / Universidade de Lisboa – Jordi Vendrell, PCF General Manager – Ilana Abrahamson, USDA Forest Service, Rocky Mountain Research Station - Missoula Firelab 	<p>Roundtable Discussion <i>Update of the “Position Paper on Wildfire Prevention in the Mediterranean”</i> Organizers: Eduard Mauri, European Forest Institute and Celia García Feced, Spanish Ministry for the Ecological Transition and Demographic Challenge</p>	<p>4-hr Workshop: Pre-registration required <i>Exploring ArcGIS field data collection tools</i> Organizer: Chris (Fern) Ferner and Anthony Schultz, Esri</p>
10:00am - 11:00am	<p>Oral Presentations: Managing with fire vs prescribing fire for ecological purposes Moderator: Anne Ganteaume, Institut national de recherche pour l'agriculture, l'alimentation et l'environnement (INRAE)</p> <ul style="list-style-type: none"> – <i>Restoring aspen forests in the Rocky Mountains USA using high intensity stand-replacing fire</i>, by Jesse Kreye (Penn State University) – <i>Effects of a prescribed fire on soil properties in a Mediterranean environment: Montgrí massif case-study</i>, by Eduardo A. García-Braga (University of Barcelona) – <i>Title</i>, Alain Minguet (Arbonaut Ltd) – <i>The fire suppression bias</i>, by Mark Kreider (University of Montana) – <i>The use of modelling tools for an optimized design of prescribed fire plans</i>, by Nicolò Perello (University of Genova) 	<p>Virtual Field Tour and Discussion <i>Prescribed burning in Färnebofjärden National Park</i> Presenter: Andreas Wedman, Länsstyrelsen Gävleborg</p>	
11:00am - 11:15am	Break		
11:15am - 12:15pm	<p>Oral Presentations: Wildfires and society Moderator: Davide Ascoli, University of Torino</p> <ul style="list-style-type: none"> – <i>Extreme wildfire behaviour under the 2021 Pacific Northwest heat dome</i>, by Piyush Jain (Canadian Forest Service) – <i>SAFERS: Structured Approaches for Forest fire Emergencies in Resilient Societies</i>, by Giota Masa (Centre for Research and Technology Hellas) – <i>Service Learning for facing environmental issues: the case of the “Facing Fire” European project</i>, by Glenda Galeotti (University of Florence) – <i>Abrupt but anticipated climate-induced change in British Columbia wildfires</i>, by Marc Parisien (Canadian Forest Service) – <i>Pyro-silvicultural treatments to mitigate crown fire behaviour in dry coniferous forest</i>, by Davide Vecchio (DISAFA -Università di Torino) 	<p>Roundtable Discussion <i>Exploring pathways for adaptation to wildfire risk</i> Organizer: Eva Preinfalk, International Institute for Applied Systems Analysis (IIASA)</p>	<p>Workshop Cont'd: Exploring ArcGIS field data collection tools</p>

<p>12:15pm - 1:15pm</p>	<p>Oral Presentations: Wildfires and society Moderator: Davide Ascoli, University of Torino</p> <ul style="list-style-type: none"> - <i>Going Dutch in Fire Management: Lessons from Water management in the Netherlands</i>, by Hugo Lambrechts (Wageningen University) - <i>Fire resilience landscapes in the Wildland Urban Interfaces (WUI) of the Concepcion Metropolitan Area</i>, by Carolina G. Ojeda (Pontificia Universidad Católica de Chile-Universidad Católica de la Santísima Concepción) - <i>Nuclear wildfires: Sensing air, atmospheres and radiation in the Chornobyl Exclusion Zone</i>, by Christine Eriksen (Center for Security Studies, Swiss Federal Institute of Technology) - <i>Strategic policy choice in wildfire management: Broadening the focus</i>, by John Handmer (IIASA-International Institute for Applied Systems Analysis) - <i>Six years of prescribed fire in Sweden (LIFE Taiga) – with more to come (LIFE2Taiga)</i>, by Anders Heurlin (Länsstyrelsen Dalarna) 	<p>Roundtable Discussion <i>Examining the causes and consequences of extreme fire spread</i> Organizer: Sean Parks, USDA Forest Service, Rocky Mountain Research Station</p>	
--------------------------------	--	--	--

Afternoon Sessions	5 October, Florence
---------------------------	----------------------------

CEST	Santa Apollonia, Auditorium	Santa Apollonia, Room Poccetti
<p>1:15pm - 2:00pm</p>	<p>Lunch, Provided</p>	
<p>2:00pm - 3:00pm</p>	<p>Oral Presentations: Managing with fire vs prescribing fire for ecological purposes Moderator: Anne Ganteaume, Institut national de recherche pour l'agriculture, l'alimentation et l'environnement (INRAE)</p> <ul style="list-style-type: none"> - <i>Landscape consideration in the use of prescribed burning</i>, by Antonella Massaiu (Office National des Forêts (ONF) Corse) - <i>Uneven-aged silvicultural system on ZAL</i>, by Muriel Tiger (Office National des Forêts Corse) - <i>Fire management strategies in Latin America: New challenges and opportunities for policymakers in changing climate scenarios</i>, by Bibiana Alejandra Bilbao (Universidad Simón Bolívar) - <i>Evaluating demand for prescribed burning through non-market economic valuation</i>, by Melissa Kreye (Penn State University) - <i>A Web-Application Supporting Preparedness Problems in Wildfire Management</i>, by Alessia Di Fonso (University of L'Aquila) 	<p>Roundtable Discussion <i>Wildland Firefighter Working Conditions, Experiences, Attitudes, and Morale: Understanding the Current State of the Field</i> Organizer: Robin Verble, Missouri University of Science and Technology</p>
<p>3:10pm - 4:00pm</p>	<p>Panel Discussion <i>New Approaches: Summer 2022 Fire Events in Catalonia, Spain</i> Organizer: Rut Domènech, Consorci de Politiques Ambientals de les Terres de l'Ebre (COPATE) Panelists</p> <ul style="list-style-type: none"> - Zisoula Ntasiou, Hellenic Fire Service (Greece) - Luca Tonarelli, DREAm ITALIA (Italy) - Marc Castellnou, Catalan Forest Service (Spain) 	
<p>4:00pm - 4:30pm</p>	<p>Break</p>	

Plenary: Rewilding, Ecological Restoration, and Fire Management		5 October, Florence and Online
CEST	Santa Apollonia, Auditorium	
4:30pm - 7:00pm	<p>Plenary: Rewilding, Ecological Restoration, and Fire Management Panel with speakers and moderator presenting in Florence; live streamed for virtual attendees</p> <p>Moderator</p> <ul style="list-style-type: none"> - Alexander Held, Senior Expert, EFI Resilience Programme, Germany <p>Panelists</p> <ul style="list-style-type: none"> - William Bond, Emeritus Professor, Biological Sciences, University of Cape Town, South Africa - Alessandra Fidelis, Associate Professor, Department of Biodiversity, São Paulo State University, Brazil - Deli Saavedra, Head of Landscapes, Rewilding Europe 	

Virtual Concurrent Sessions		5 October, Online
CEST	Zoom 1 Moderator: David Martín, Pau Costa Foundation	Zoom 2
	Oral Presentations: Landscape management and local community engagement	Roundtable Discussion
7:30pm - 7:45pm	- <i>Engaging Stakeholders in forest management for resilient forest creation and reduce Fire loss</i> , by Bushra Sanira Asif (University of Genoa)	<p><i>From data to action: A way to reduce wildfires: progress in Latin America</i> Organizers: Bibiana Bilbao, Departamento de Estudios Ambientales, Universidad Simón Bolívar and María Constanza Meza Elizalde, National University of Colombia</p>
7:45pm - 8:00pm	- <i>Pre-Columbian Fuel Harvesting Lifeways in the Sierra Nevada, California, USA</i> , by Scott Markwith (Florida Atlantic University)	
8:00pm - 8:15pm	- <i>Building the Components of a UK Fire Danger Rating System: Progress, Challenges and Future Development</i> , by Gareth Clay (University of Manchester)	
8:15pm - 8:30pm	Question/Answer and Discussion	
8:30pm - 9:30pm		

Thursday 6 October 2022

Morning Sessions		6 October, Florence	
CEST	Santa Apollonia, Auditorium	Santa Apollonia, Room Poccetti	Piazza del Duomo, Room Cutuli
8:40am	Registration Open		
9:00am - 10:00am	<p>Oral Presentations: Roles of fire ecology for ecosystem conservation</p> <p>Moderator: Francisco Seijo, Instituto de Empresa School of Global and Public Affairs</p> <ul style="list-style-type: none"> – <i>A novel trait-based framework to further our understanding of post-fire tree mortality</i>, by Morgan Varner (Tall Timbers Research Station) – <i>Soil disturbances and recovery capacity with different soil management facing wildfires in Catalonia (Spain)</i>, by Antonio Peñalver-Alcalá (University of Barcelona) – <i>Use of silvicultural treatment and prescribed burning methods for fire mitigation on Pinus laricio forests in Corsica</i> by Pauline Longeard, UMR SPE 6134 – <i>Fire management for fauna conservation in healthy woodlands of south-eastern Australia</i>, by Matt Swan (University of Melbourne) – <i>Wildfire benefits native forest bees</i>, by Thomas Seth Davis (Colorado State University) 	<p>Roundtable Discussion</p> <p><i>Equitable wildfire risk-sharing</i></p> <p>Organizer: Teresa M. Deubelli, IIASA, International Institute for Applied Systems Analysis</p>	<p>2-hr Workshop: Pre-registration required</p> <p><i>From fuel characteristics to fuel models: significance, approaches and challenges in field data collection</i></p> <p>Organizer: Chiara Bruni, CEF-University of Lisbon and Etifor and Cristiano Foderi, Department of Agriculture, Food, Environment and Forestry (DAGRI) – University of Florence</p>
10:00am - 11:00am	<p>Oral Presentations: Roles of fire ecology for ecosystem conservation</p> <p>Moderator: Francisco Seijo, Instituto de Empresa School of Global and Public Affairs</p> <ul style="list-style-type: none"> – <i>Beavers-a natural ally against wildfires?</i>, by Emiliano Mori (CNR-IRET) – <i>A non-binary, trait-based framework for assessing post-fire tree regeneration strategies</i>, by Jeff Kane (Cal Poly Humboldt) – <i>Are the plant adaptive responses to fire sufficient to cope with the fire regime change expected with the climate change?</i>, by Anne Ganteaume (Institut national de recherche pour l'agriculture, l'alimentation et l'environnement - INRAE) – <i>Mainstreaming 'fire-smart' management in land-use policies to support the transition towards more resilient landscapes: challenges and opportunities</i>, by Adrián Regos (Forest Science Center of Catalonia) – <i>Developing a protocol to assess post-fire tree vitality by means of sugar analysis</i>, by Niccolò Frassinelli (DAGRI- UNIFI) 	<p>2-hr Workshop: Pre-registration required</p> <p><i>Engage Stakeholders and Socialize Information Using ArcGIS</i></p> <p>Organizer: Chris (Fern) Ferner and Anthony Schultz, Esri</p>	
11:10am - 12:10pm	<p>Oral Presentations: Roles of fire ecology for ecosystem conservation</p> <p>Moderator: Courtney Schultz, Colorado State University</p> <ul style="list-style-type: none"> – <i>Use of remote sensing to evaluate effects of postfire emergency stabilization on vegetation recovery rate: a Portuguese case study</i>, by Luis Filipe Lopes (Centre for Applied Ecology “Professor Baeta Neves”, InBIO, School of Agriculture, University of Lisbon) – <i>Impacts of land management and changing wildfire regimes on forest ecological functions and ecosystem services in the western United States</i>, by Katherine Siegel (University of Colorado-Boulder) – <i>Carbon, Wildfire, Management: exploring the interaction between forest carbon stocks, wildfire, and management practices in Colorado (USA)</i>, by Erin Twaddell (University of Colorado Denver) – <i>Extent and direction of recent fire-driven shifts in southwestern ponderosa pine forests</i>, by Jonathan Coop (Western Colorado University) – <i>Ecological effects of fire on Vaccinium communities</i>, by Giacomo Sbaragli (DREAM ITALIA) 		
12:10pm - 2:00pm	<p>Poster Session (list of poster presentations on page 9)</p> <p>Lunch, Provided</p>		

Afternoon Sessions		6 October, Florence	
CEST	Santa Apollonia, Auditorium	Santa Apollonia, Room Poccetti	Piazza del Duomo, Room Cutuli
2:00pm - 4:00pm	<p>Panel Discussion <i>The experience of the Firewise Communities in Tuscany</i> Moderator: Gianluca Calvani, Regione Toscana, Italy Panelists</p> <ul style="list-style-type: none"> – Silvia Lorenzoni, Comune di Calci, Pisa – Enrico Bernardini, Comune di Vicopisano, Pisa – Annalaura Vannuccini, ANCI – Associazione Nazionale Comuni Italiani – Gabriele Salvadori, CVT – Coordinamento Volontariato Toscano – Maurizio Meucci, Presidente Associazione Comunità del Bosco del Monte Pisano 	<p>Roundtable Discussion <i>Global application of prescribed fire</i> Organizers: Carol Baldwin, Kansas State University; John Weir, Oklahoma State University; Morgan Treadwell, Texas A&M University</p>	<p>2-hr Workshop: Pre-registration required <i>Harnessing open-source data and tools for fire progression and fire effects modelling</i> Organizers: Ellen Whitman, Natural Resources Canada, Canadian Forest Service and Sean Parks, USDA Forest Service, Rocky Mountain Research Station</p>
4:00pm - 4:30pm	Break		

Plenary: Advances in Fire Ecology, International Research, and Management Applications		6 October, Florence and Online	
CEST	Santa Apollonia, Auditorium		
4:30pm - 7:00pm	<p><u>Plenary: Advances in Fire Ecology, International Research, and Management Applications</u> <i>Panel with speakers and moderator presenting in Florence; live streamed for virtual attendees</i> Moderator</p> <ul style="list-style-type: none"> – Paul Hessburg, Senior Research Ecologist, USDA-FS, PNW Research Station, Washington, USA; President, Association for Fire Ecology <p>Panelists</p> <ul style="list-style-type: none"> – Davide Ascoli, Professor, Department of Agriculture, Forest and Food Sciences, University of Torino, and Italian Society of Silviculture and Forest Ecology (SISEF), Italy – Marc Castellnou, Strategic Fire Analyst, Catalan Fire and Rescue Service; Associate Professor, University of Lleida, Spain – Rachael Gallagher, Associate Professor, Hawkesbury Institute for the Environment, Western Sydney University, Australia 		

Gala Dinner		6 October, Florence	
7:30pm	<p>Restaurant B-Roof Piazza dell'Unità Italiana, 6. Firenze 50123 (pre-purchased tickets are required)</p>		

Virtual Concurrent Sessions		6 October, Online
CEST	Zoom 1 Moderator: Dolors Armenteras , Universidad Nacional de Colombia	Zoom 2
	Oral Presentations: Roles of fire ecology for ecosystem conservation	Roundtable Discussion
7:30pm - 7:45pm	– <i>Pyrodiversity increases plant diversity in an actively managed tallgrass prairie</i> , by Charlotte Reemts (The Nature Conservancy)	<p><i>Fire ecology and management in Africa: past trajectories and current trends</i> Organizers: Esther Ekua Amoako, University for Development Studies, Ghana; Sally Archibald, University of the Witwatersrand, Johannesburg; Brigitte N'DRI Epse KONE, Nangui Abrogoua University; Tercia Strydom, Kruger National Park South African National Parks (SANParks)</p>
7:45pm - 8:00pm	– <i>Fungal communities experience rapid secondary succession during the first year following a wildfire in California chaparral</i> , by M Fabiola Pulido-Chavez (University of California-Riverside)	
8:00pm - 8:15pm	– <i>Leveraging Cloud Computing to Forecast Rangeland Fuel Dynamics</i> by Matt Reeves , (USDA Forest Service, Rocky Mountain Research Station)	
8:15pm - 8:30pm	Question/Answer and Discussion	
	Oral Presentations: Roles of fire ecology for ecosystem conservation	
8:30pm - 9:45pm	– <i>Avian community changes in response to wildfires in a desert sky-island forest ecosystem</i> , by Jacquie Ferrato (The Nature Conservancy)	
8:45pm - 9:00pm	– <i>Assumptions about post-fire mortality affect pyrodiversity-biodiversity relationships in montane forests of the Canadian SE Rocky Mountains</i> , by Ceres Barros (University of British Columbia)	
9:00pm - 9:15pm	– <i>Expanding Cross Boundary Opportunities</i> , by Jen Croft (USFS Fire and Aviation Management)	
9:15pm - 9:30pm	Question/Answer and Discussion	

Poster Presentations		6 October, Florence
These posters will be presented in-person, with the option of adding the poster to Whova for virtual attendees.		
1	<i>Assessing and quantifying fire activity in quaking aspen</i> Kristin A. Nesbit , Utah State University	
2	<i>Assessing impacts of climate change and human population growth on forest fire potential in the tropics: A case study of the Tain II Forest Reserve in Ghana</i> Eric Osei-Kwarteng , Forestry Commission-Resource Management Support Centre (RMSC)	
3	<i>Assessing Wildfire Cross-boundary Transmission and Community Impacts</i> Christopher Dunn , Oregon State University	
4	<i>Assessment of the fire-safety and defensible space around buildings in south-eastern France WUI areas</i> Claudio Ribotta , INRAE - PACA - RECOVER Unit	
5	<i>Comparative analysis of forest-fire policies across European and South American countries</i> Gabriela Huidobro , Technical University of Dresden	
6	<i>Complex Spatio-Temporal Interactions of Prescribed Fire, Fire Suppression, and Ignitions in the Future Landscape of the Southern Appalachians, US</i> Louise Loudermilk , United States Forest Service	
7	<i>Crowdsourcing solutions for Wildfire Management</i> Luca Barco , Politecnico di Torino	

8	<i>Evaluating Grazing Strategies for Fuels Management in Linear Fuel Breaks of South-Central Idaho (USA)</i> Kayla Johnston , University of Idaho
9	<i>Fire Education Platform: an immersive tool for knowledge transfer about Wildfires</i> Conceição Colaço , University of Lisbon
10	<i>Flammability of annual and perennial grasses of the Western US from green-up through senescence</i> Georgia Harrison , University of Idaho
11	<i>Forest fire risk and prevention map production project – for better forest fire preparedness</i> Leena Leskinen , Finnish Forest Centre
12	<i>Fuel reduction treatments modify fire intensity in the sagebrush steppe</i> Lisa Ellsworth , Oregon State University
13	<i>How does Prescribed Fire Season and Time Since Burning affect Butterfly Populations in Coastal South Texas?</i> Sandra Rideout-Hanzak , Texas A&M University-Kingsville
14	<i>Ignition by Drone for Safe UXO-Site Burning</i> Steffen Hartig , PYRECO
15	<i>In Their Own Words: Wildland Firefighter Experiences in the United States Federal Workforce</i> Robin Verble , Missouri University of Science and Technology
16	<i>Leverage ArcGIS Remote Sensing Tools to Improve Analysis</i> Chris (Fern) Ferne , Esri
17	<i>Post-fire recovery in a changing world</i> Camille S Stevens-Rumann , Colorado State University
18	<i>Recent Trends in Wildland-Urban Interface Community Preparedness and Education</i> Kate Masterson , University of Idaho
19	<i>Reducing the negative impact of fuels treatments to minimize damage and promoting the natural role of fire</i> Carol L. Rice , Wildland Res Mgt
20	<i>Regeneration of quaking aspen (Populus tremuloides) after fire risk reduction treatments</i> Allison Marie Trudgeon , Utah State University
21	<i>Relating wildfire seasonality to remotely sensed fuel phenology: a tool for a new pyrogeography?</i> Sofia Bajocco , CREA-AA
22	<i>Revising estimated pre-Euroamerican annual burned area in California, USA</i> Rebecca Wayman , University of California, Davis
23	<i>Re-wildfires: rewilding, wildfires and grazing in Sicily</i> Hanna Rasper , Freelance
24	<i>Sapper Cattle</i> Pedro Neto , Gardunha 21
25	<i>SE FireMap: Understanding Fire Impacts on the Landscape</i> Joe Noble , Tall Timbers Research
26	<i>Six years of burning for nature conservation in Sweden – with more to come</i> Anders Heurlin and Andreas Wedman , Värmland County Administrative Board
27	<i>Spanish National Prescribed Burning Programme</i> Celia García Feced , Subdirectorate General of Forest Policy and Fight against Desertification
28	<i>Spatial Effects of Future Drought Driven Wildfires in the Southern Appalachian Landscape, U.S.</i> Robert Scheller , North Carolina State University
29	<i>Survey of U.S. Federal Wildland Firefighters Reveals Trends in Attitudes, Morale, and Workplace Culture</i> Rachel Granberg , United States Forest Service

30	<i>The current state of forest health in Germany and the potential implementation of prescribed burning as a management tool in German forests</i> Melanie Schlüter , University for Sustainable Development Eberswalde
31	<i>The Fire Learning Network: 20 years of Advancing Collaborative Fire Practices</i> Marek Smith , The Nature Conservancy
32	<i>Vegetation as an indicator of smoldering fire on coal-waste dumps</i> Anna Katarzyna Abramowicz , University of Silesia in Katowice

Friday 7 October 2022

Field Trips	7 October, Florence
Field Trips require pre-registration and an additional fee of \$60.	
<ul style="list-style-type: none"> - Prescribed Burn in the Pistoian Apennines - Intervention Sites of the LIFE GrAnATHa Project 	

On-demand Virtual Presentations

Oral Presentations, Online (Click Titles to View in Whova)	
Available to view on Whova any time after start of event; speakers and attendees can interact through chat and/or video throughout the week as desired	
1	<u><i>A demographic framework for understanding fire-related declines in animal populations</i></u> Julianna Santos , The University of Melbourne
2	<u><i>A model analysis of postwildfire management and the reburn hypothesis</i></u> Maureen Kennedy , School of Interdisciplinary Arts and Sciences
3	<u><i>Alternative forests in response to changing disturbance in the southeastern United States</i></u> Brice Hanberry , USDA Forest Service
4	<u><i>Applications of drones to the assessment of fire refuges and their use by animals</i></u> Marina Palmero Iniesta , University of Girona
5	<u><i>Co-producing Adaptation Pathways for wildland fire risk reduction</i></u> Kathleen Uyttewaal , Pau Costa Foundation; Wageningen University & Research
6	<u><i>Defining recent fire regime in the mountains of Northwest Yunnan using 30 years of fire records derived from Landsat timeseries</i></u> Davide Fornacca , Institute of Eastern-Himalaya Biodiversity Research - Dali University
7	<u><i>Effect of pyric herbivory in Mediterranean semiarid shrublands of gorse (<i>Genista scorpius</i> L.) and Alfa grass (<i>Macrochloa tenacissima</i> (L.) Kunth) in Southeast Spain</i></u> Maria Eugenia Ramos Font , Estación Experimental del Zaidín
8	<u><i>Fire Ecology Research Needs Well-Designed Experiments</i></u> SheRong , Dali University
9	<u><i>Fire Science from Chemistry to Landscape Management</i></u> Penelope Morgan , University of Idaho
10	<u><i>Forest after fire. Addressing the Impacts on groundwater recharge rates</i></u> Mónica Ximena GUZMAN ROJO , Free University of Brussels/Bolivian Catholic University San Pablo
11	<u><i>Low-severity burning is beneficial for avian conservation in <i>Pinus yunnanensis</i> forests of southwest China</i></u> Rongxing Wang , Institute of Eastern-Himalaya Biodiversity Research, Dali University
12	<u><i>Season affects fire behavior in annually burned Guinean savanna (West Africa)</i></u> N'DRI Aya Brigitte , Nangui Abrogoua University

13	<i>Tree expansion and tree density increases correlated with fire exclusion and not climate change in the eastern United States</i> Brice Hanberry , USDA Forest Service
----	--

Poster Presentations, Online (Click Titles to View in Whova)
Available to view on Whova any time after start of event; speakers and attendees can interact through chat and/or video throughout the week as desired

1	<i>Fire pattern across the Gran Chaco and Pantanal over the period 2001-2020</i> Cristina Vidal , Universidad de Santiago de Compostela
2	<i>Looking to the past: Are plant strategies to survive wildfire driven by fire itself?</i> Rebecca A. Koll , University of Exeter
3	<i>Experimental Study of Smoke Pollution from Biomass Burning Impact on the Flight Behaviour of Vanessa Cardui L. (Painted Lady Butterfly)</i> Yanan Liu , King's College London
4	<i>Effects of different types of fire disturbance on seed germination of Pinus armandii</i> Peiyao Liu , Institute of Eastern-Himalaya Biodiversity Research, Dali University
5	<i>Exploring tree density increases in the historical Arapaho and Roosevelt National Forests and Weld County, site of the Pawnee National Grasslands, Colorado</i> Jacob Seidel , USDA Forest Service - Rocky Mountain Research Station
6	<i>Mapping defensible zones in residential areas prone to forest fires</i> Cheikh SEYE , Aix-Marseille University
7	<i>The response of sub-adult trees to successive fires in the Guinean savanna (West Africa)</i> N'DRI Aya Brigitte , Nangui Abrogoua University
8	<i>Tree migration and novel assemblages can develop due to land use change</i> Brice Hanberry , USDA Forest Service
9	<i>From traits to fire behavior: Predicting fire intensity using functional traits of the understory vegetation in Longleaf Pine savannas</i> Sairandhri Lalalikar , University of Florida
10	<i>Envisioning transition from open landscapes to forested landscapes in the Routt National Forest, CO</i> Jacob Seidel , USDA Forest Service - Rocky Mountain Research Station