

Schedule of Events

Monday, April 15



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|--------------------------|---|---|---|
| 8:00 AM | Conference registration desk opens - beside the main desk | | |
| WORKSHOPS | | | |
| | Lee Suite | Pembroke Suite | |
| 10:00 - 12:00 | Trans-Atlantic Lesson-Sharing Lindon Pronto, Senior Fire Management Expert, European Forest Institute; Eric Evenson, Science Communications Specialist, North Atlantic Fire Science Exchange | Workshop on fire behavior analysis. Forest Fires affecting tourist areas in the Atlantic region Jesús Morcillo, Jorge García, David Martín, Pau Costa Foundation | |
| 12:00 - 1:00 | Lunch (provided) - The Park Restaurant | | |
| 1:00 - 3:00 | Interactive Workshop - MeFiTu: Exploring Wildfires Through a Puppet Show with Burning Landscape Models Helena Ballart, David Martín, Jesús Morcillo, Pau Costa Foundation | Innovating Wildfire Management on UXO Lands (Part 1) Lindon Pronto, Senior Fire Management Expert, European Forest Institute and Alexander Held, Senior Fire Management Expert, European Forest Institute | |
| 3:00 - 5:00 | Indigenous Fire Use in Canada Amy Cardinal Christianson (Metis from Treaty 8, IAWF board member), Alex Zahara (Canadian Forest Service, REDfire lab), David Young (Garden River First Nation, Canadian Forest Service, REDfire lab) | Innovating Wildfire Management on UXO Lands (Part 2) Lindon Pronto, Senior Fire Management Expert, European Forest Institute and Alexander Held, Senior Fire Management Expert, European Forest Institute | |
| 5:30 - 7:30 | Welcome Reception at the Wetlands Eco Park - Sponsored by Tralee Chamber Alliance Offsite (1k walk), finger food and wine provided | | |
| Tuesday, April 16 | | | |
| 7:00 AM | Conference registration desk opens - beside the main desk | | |
| Lee Suite | | | |
| 8:30 - 9:00 | Welcome to Country and Opening Remarks Ciaran Nugent, IAWF board member, conference chair | | |
| 9:00 - 10:00 | Keynote Presentations Edward Alexander, Co-Chair, Gwich'in Council International and M. Conceição Colaço, Researcher, ISA's Center for Applied Ecology | | |
| 10:00 - 10:30 | Morning tea with exhibitors - Kerry Suite | | |
| | Lee Suite | Spencer Suite | Pembroke Suite |
| | Fire Behaviour and Fuels | Fire Behaviour and Fuels | Climate and Weather |
| | Moderator: Joseph Wilkins | Moderator: Liza Van Welzen | Moderator: Eric Evenson |
| 10:30 - 10:35 | Community Directed Wildfire Fuel Mapping Using Aerial Laser Scanning Data Patrick Robinson | Impact of Fuel Map Resolution on Fire Simulations in WUIs Paula Sanchez Gayet | Fire mediated conversion: applying climate adaptation strategies to burned landscapes Camille Stevens-Rumann |
| 10:35 - 10:40 | PROPAGATOR for large wildfires: Brazilian case study Nicolò Perello | | Assessing the Extended Attack of Wildfires including pyroconvection Adrián Cardil |
| 10:40 - 10:45 | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> |
| 10:45 - 11:00 | Prescribed fire – managing the taiga forests in Sweden Anders Heurlin | NASA's Wildland Fire Initiative Ana Prados | Accuracy of depicted fire behaviour potential varies with fire-danger rating options - Paulo Fernandes |
| 11:00 - 11:15 | Midlands Peat Bog Fires - Past & Future Anthony Tynan | Multi-decadal trends in climate and wildfire activity across global Mediterranean ecosystems - William Jolly | Carbon emissions from United States temperate peatland wildfire Robert Mickler |
| 11:15 - 11:30 | Lessons learned from the large fires in Sweden of 2014 and 2018 Jenny Sander | Effect of slope variations and vegetation height on fire propagation dynamics in grasslands Mohammad Tavakol Sadrabadi | Wildfire Mitigation Strategy Impacts to Fire Risk and Greenhouse Gasses Christopher Dicus |
| 11:30 - 11:45 | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> |
| 11:45 - 12:00 | Fires of War: Changes in Fire Regimes in Ukraine as a result of the Direct and Indirect Effects of War - Serhii Sydorenko | Rediscretizatin methodology impact in EWP wildfire spread simulators Irene González | The 420,002,024th Year of Biomass Burning on Earth: An Updated Review of Climate Change and Global Fire - Tim Brown |
| 12:00 - 12:15 | Cross-borders wildfires in the Pacific Northwest: the exemple of British Columbia, Canada - Clara Aubonnet | The use of Machine Learning-informed fuel map in the wildfire propagation model PROPAGATOR - Nicolò Perello | A novel method to adjust wind speed to mid-flame in low-intensity fires Macarena Ortega Pardo |
| 12:15 - 12:30 | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> |
| 12:30 - 2:00 | Lunch (provided) - The Park Restaurant | | |

| Tuesday (continued) | | | |
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| | Lee Suite | Spencer Suite | Pembroke Suite |
| | Fire Behaviour and Fuels | Cultural Perspectives | Operations and management |
| | Moderator: Paulo Fernandes | Moderator: Amy Cardinal Christianson | Moderator: Eric Evenson |
| 2:00 - 2:05 | Remotely sensed vegetation phenology drives large fires spread in northwestern Europe Tomás Quiñones | Bringing science into focus: using boundary spanning to define research priorities Christina Restaino | Planning for Wildfires - Australian Planning and Building Practices Maria Kornakova |
| 2:05 - 2:10 | Analyzing and simulating the fire behavior of Extreme Wildfire Events Adrián Cardil | Leaf traits constrain live fuel moisture content and can model the increasing ignitability of drying plants William Mcneice | North Atlantic Fire Science Exchange Eric Evenson |
| 2:10 - 2:15 | Development of fire behaviour metrics computation based on UAV observation of prescribed burn Ronan Paugam | Historical 22-year AVHRR-GAC-derived Burned Area Product for Siberia (1979–2000) Emily Gargulinski | How to improve airtanker performance? Dominique Legendre |
| 2:15 - 2:30 | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> |
| 2:30 - 2:45 | Classification and mapping of custom fuel models and their associated fire behaviour in a Mediterranean region Jose Luis Tome | Wildfire response challenges for urban based fire services Darren O Connor | Mapping wildfire events in Ireland from 2000-2024 from satellite imagery Raul Sampaio De Lima |
| 2:45 - 3:00 | Testing a wildfire distribution model to assess the exposure of small villages in mainland Portugal Catarina Cabrita | | Satellite Observations for Fire Management and Prevention in Spain: Barriers, Successes and Opportunities Ana Prados |
| 3:00 - 3:15 | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> |
| 3:15 - 4:00 | Afternoon tea with exhibitors - Kerry Suite | | |
| 4:00 - 5:15 | Keynote Presentation (Shared with Boise) Dr. Mark Parrington, Senior Scientist, Copernicus Atmosphere Monitoring Service Research Department, European Centre for Medium-Range Weather Forecasts and Dr. Joseph L. Wilkins, Assistant Professor, Howard University | | |
| 5:15 - 7:15 | Poster Session and Reception - Lee Suite | | |
| P o s t e r P r e s e n t a t i o n s | 1. Assessing the Potential Impact of Fuel Management Initiatives on Wildfire Hazard Ana Gonçalves | 9. A coarse-scale risk assessment model for wildfires in the Yukon Jaclyn Semple | 17. Assessing the Extended Attack of Wildfires including pyroconvection Adrián Cardil |
| | 2. Mapping tree species and forest structure to aid WUI design using LiDAR data Ana Solares Canal | 10. An investigation into wildfire fuel moisture content: dead or alive Kevin Varga | 18. Forest Fires in Central Europe: threats and opportunities Roman Berčák |
| | 3. Space-time Universal Kriging, vegetation indices and meteorological variables to predict Live Fuel Moisture Content in Mediterranean shrubs Andrea Vinuales | 11. Statistical Comparison of Stochastic Semi-Empirical and Empirical Fire Propagation Potential Mapping Ljiljana Šerić | 19. Fire mediated conversion: applying climate adaptation strategies to burned landscapes Camille Stevens-Rumann |
| | 4. Assessing vegetation flammability according to different types of fuel treatment Arthur Boschet | 12. Global Use of the Canadian Fire Weather Index: A Review Lucie Kudláčková | 20. PROPAGATOR for large wildfires: Brazilian case study Nicolò Perello |
| | 5. Analysing the wildland urban interfaces in four mainland Portuguese municipalities Bruno Barbosa | 13. Quantifying the effects of landscape structure on fire size Luke Oberhagemann | 21. How are Herbaceous Plant Relationships Impacted by Prescribed Fire? Forrest Fay |
| | 6. Taking the next step in wildfire education: integrating multiple knowledge forms into co-produced high school fire science curriculum Christina Restaino | 14. The BBURNED activity for improving fire emissions mapping and monitoring Mark Parrington | 22. Riskmap platform - a web based decision support tool for field operations Nina Dobrinkova |
| | 7. Geopolitical analysis of a wildfire (USA) : the CZU Lightning Complex Clara Aubonnet | 15. Will future conditions in Czech Republic be more suitable for large wildfire occurrence? Marketa Podebradska | 23. Development of an Empirical Model for 'Reduced' Physics Coupled Atmosphere Fire Simulators Fearghal Gill |
| | 8. SeverityApp: A VIS4Fire-Conceptual Tool to Access Potential Burn Severity Daniel Moya | 16. Assessing the relationship between landscape interventions and wildfire risk in Northern European heathland ecosystems Monika Moreu Vicente | 24. Developing fine-scale fuel model classifications and wildfire risk maps in California Esther Mandeno |

| Wednesday, April 17 | | | |
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| 7:30 AM | Conference registration desk opens - beside the main desk | | |
| 8:30 - 9:30 | Keynote Presentation: Unexploded Ordnance UXO and Wildfire: A Century Old Problem with a Wakeup-call Alexander Held, Senior Expert Fire, Silviculture, Wildlife European Forest Institute | | |
| 9:30 - 10:00 | Morning tea with exhibitors - Kerry Suite | | |
| | Lee Suite | Spencer Suite | Pembroke Suite |
| | Fuels and Fire Behaviour | Operations and Management/Fire Effects | Technology and Approaches |
| | Moderator: Michael Bruce | Moderator: Jesus Morcillo i Julia | Moderator: Nina Dobrinkova |
| 10:00 - 10:15 | Modelling change in fire risk at WUI Eric Maillé | What Are We Overlooking With Wildfire Response: A Humanitarian Perspective Scott Dehnisch | Near real-time satellite detection of active fires in Sweden Stefan Andersson |
| 10:15 - 10:30 | Calculation and validation of new high resolution FirEURisk fuel maps for Croatia Marin Bugarić | Wild Pre-Pyrenees: Restoring an Alpine/Mediterranean mountain landscape David Martin Gallego | Experiences with W.I.S.E. and FireCast in the 2023 Canadian Wildfire Season Robert Bryce |
| 10:30 - 10:45 | Developing fine-scale fuel model classifications and wildfire risk maps in California Carol Rice | The recovery of the industrial sector after 2017 extreme wildfires in Portugal: contributions to enhance resilience over time Fernando Correia | Leveraging online anti-bot technology to boost wildland fire detection and prediction Guy Schumann |
| 10:45-11:00 | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> | <i>Q&A and Discussion</i> |
| 11:30 - 6:30 | Field Tour: Land, People, and Fire in Western Ireland <i>Pick up your lunch then board the bus. The bus will depart the hotel promptly at 11:30 am</i> | | |
| Thursday, April 18 | | | |
| 8:00 AM | Conference registration desk opens - beside the main desk | | |
| 9:00 - 10:00 | Keynote Presentations Juliane Baumann, Founder of Brandherde and Jennifer Fawcett, Extension Associate, North Carolina State University (NCSU) | | |
| 10:00 - 10:30 | Morning tea with exhibitors - Kerry suite | | |
| | Lee Suite | Spencer Suite | Pembroke Suite |
| | Fuels and Fire Behaviour | Human Dimensions | Technology and Approaches |
| | Moderator: Anthony Tynan | Moderator: Michael Hermann | Moderator: Lindon Pronto |
| 10:30 - 10:45 | Characterising land cover – wildfire interactions and their implications for resilience Fiona Newman Thacker | Wildfire risk management in Portugal: Local government perceptions on community challenges Ana Gonçalves | Intelligent Wildfire Surveillance and Management System Damir Krstinic |
| 10:45 - 11:00 | Building Tailored Components for a UK Fire Danger Rating System Claire Belcher | Lessons learned from the Living With Fire program: examples of community engagement and science education Christina Restaino | LadderFuelsR tool for ladder fuels and canopy base height detection using LiDAR Olga Viedma |
| 11:00 - 11:15 | Global Carbon Consumption Database for Wildland Fire Emily Gargulinski | How to Democratize Resiliency from Wildfire Carol L Rice | Fire use in Northern Germany – a nearly extinguished success story Michael Herrmann |
| 11:15 - 11:30 | Wildfire propagation potential estimation for Dalmatian Counties of Croatia Darko Stipanicev | REDFire: Reciprocity, Ecology, and Diversity in Fire Lab Amy Cardinal Christianson | Lessons to Draw from Europe's Record-breaking 2022 Fire Season – Where must Europe Invest? Lindon Pronto |
| 11:30 - 11:45 | Integrating fire management and heritage protection to create fire-resilient landscapes Ana Solares Canal | Evaluating the effect of prescribed fire experiment on litterfall biomass and nutrient return in Mediterranean pine forest ecosystems Juncal Espinosa | Declaration on wildfire management in Spain - David Martin |
| 11:45 - 12:00 | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> | <i>Discussion and Q&A</i> |
| 12:00 - 2:00 | Synthesis/Conference Wrap-up: Steve Miller, Director, Fire and Aviation Management, US Forest Service, Eastern Region | | |
| 2:00 | Conference Adjourns - spend the afternoon enjoying Tralee | | |
| Friday, April 19 | | | |
| WORKSHOPS | | | |
| | Lee Suite | Spencer Suite | |
| 9:00 - 11:00 | Post-fire Assessment and Management Workshop Cara Sponaule, National Post-Fire Program Leader, USDA Forest Service; Dave Callery, Deputy National Post-Fire Program Leader, USDA Forest Service; Scott Dehnisch, Wildfire Unit Leader, USAID's Bureau for Humanitarian Assistance | Moorland fires – Still a Challenge Beyond Technology Dr. Michael Herman | |