



International Association of Wildland Fire

2ND HUMAN DIMENSIONS OF WILDLAND FIRE CONFERENCE
 APRIL 27-29, 2010 📍 SAN ANTONIO, TEXAS

TENTATIVE SCHEDULE - As of March 12, 2010

Monday, April 26, 2010

7:00 PM

Registration Opens

Tuesday, April 27, 2010

7:00 - 8:00

Continental Breakfast

7:30 AM

Registration Desk Opens

8:15 AM

Opening and Welcome Remarks

Chuck Bushey, IAWF President and Sarah McCaffrey, Conference Chair

8:30-9:45 AM

Australian Response to the Black Saturday Fires: What Is and Isn't Changing?

Naomi Brown, Australasian Fire Authorities Council and Alan Rhodes, Country Fire Authority

9:45 -10:10

BREAK

CONCURRENT SESSIONS

PUBLIC ACCEPTANCE OF FIRE MANAGEMENT

FIREFIGHTER DECISION MAKING AND RISK PERCEPTION

EDUCATION AND INFORMATION DISSEMINATION

10:10 -10:30

Community Attachment as a Mediating Factor of Firewise Actions in WUI Settings
James Absher

Risk Perception: The Firefighters Last Line of Defence
David Clancy

Firewise Forever? Voluntary Community Participation and Retention in Firewise Programs
Michele Steinberg

10:30 -10:50

Public Perceptions of Fire Management Strategies in Banff National Park of Canada
Bonita McFarlane

Responding to Wildfire Events: Risk-Based Decision Making Among a Group of Experienced Fire Managers
Robyn Wilson

Following Black Saturday- A Systems Approach to Bushfire Safety for Victoria, Australia
Lisa Sturzenegger

10:50-11:10

Public Views and Attitudes Concerning Managed Fire and Fuels Reduction Strategies in the Valles Caldera National Preserve (VCNP), New Mexico
Carol Raish

Anticipating the Worst: The Challenges of Preparing for Worst Case Scenarios in Wildfire Incident Management
Claire Johnson

Youth Wildfire Education Programs: Ingredients for Fire-Adapted Human Communities
Martha Monroe

11:10-11:30

Learners: Understandings of the Social Construction of Trust and Its Implications for the Practice of Fire Management
Margarida Washburn

Leadership Skills & Knowledge Transfer: A Mixed-methods Study of Training Efficacy
Michael DeGrosky

Regaining Community Trust after the Big Meadow Fire at Yosemite National Park: Fire Information, Community Relations, Social Media, and Transparency
Gary Wuchner

11:30-11:50

Examining the Complexities of Factors Affecting Community-Agency Trust Before, During and After a Wildfire in Victoria, Australia
Emily Sharp

Just Culture: From Retributive Justice to Restorative Justice
Jim Saveland

The US Fire Learning Network: Springing a Rigidity Trap through Multi-Scalar Collaborative Networks
William Butler

12:50 - 1:10 PM

LUNCH - Provided

CONCURRENT SESSIONS

FIRE POLICY/MANAGEMENT

KNOWLEDGE UTILIZATION AND EVALUATION

1:10-1:30

Examining Changes in Wildfire Policy and Governance in the United States Through Three Analytical Lenses
Tony Cheng

The Wildland Fire Lessons Learned Center 2002 to Present
David Christenson

1:30-1:50

Opportunities for Wildfire Mitigation and Forest Restoration Among Private Landowners: Combining Survey and Interview Analysis to Identify Policy Target Groups
Alexandra Paige Fischer

Research to Utilisation: An Australian Experience
Noreen Krusel

1:50- 2:10

Highly Underestimated Risks of Wildland Fire in Rural-Urban Interface Areas in The Netherlands and Recent Agendasetting in the National Risk Assessment
Alette Getz-Smeenk

Individual and Organizational Influences on Research Use in Fire Management
Vita Wright

2:10-2:30

Advancing the Management of Bushfire Arson in Australia
Tahl Kestin

Creating Firesafe Communities: Building Partnerships within the Wildland-Urban Interface
Ryan Gordon

2:30-2:50

Minimizing potential conflicts between urban and suburban lands uses and fire management needs for conservation lands
Tricia Martin

Evaluating Community Programs: Effectively Measuring Changes in Attitudes Towards Bushfire Safety
Sonia Whiteley

| | | | |
|----------------------------------|---|--|---|
| 2:50-3:20 | BREAK | | |
| | CONCURRENT SESSIONS | | |
| | COMMUNITY RESILIENCE | SPECIAL SESSION: AN INTERDISCIPLINARY AND ORGANIZATIONAL PERFORMANCE APPROACH TO UNDERSTANDING THE INTERPLAY OF FIRE POLICY, INCIDENT STRATEGY, AND INCIDENT OUTCOMES | |
| 3:20-3:40 | Monumental Recovery - Remembering Events Through Resilient Art <i>Clifford Overton</i> | Introduction and Are Less Aggressive Strategies Cheaper? <i>Sarah McCaffrey with Krista Gebert, Chris Stalling, Anne Black and Toddi Steelman</i> | |
| 3:40-4:00 | Trial by Fire--Putting CWPPs to the Test <i>Pamela Jakes and Victoria Sturtevant</i> | What's Really Driving Suppression Response – Public or Agency Pressure? <i>Toddi Steelman</i> | |
| 4:00-4:20 | Incorporating Adaptive Capacity into Existing Concepts of Hazard Vulnerability and Resilience: What Social Characteristics Lead to Fire Adapted Human Communities? <i>Matthew Carroll</i> | Costs from the Stakeholder's Perspective <i>Chris Stalling</i> | |
| 4:20-4:40 | Lessons Learned from Wildfire-Affected Rural Communities in New Zealand <i>E.R. (Lisa) Langer</i> | Key Decisions in Incident Management from the Incident Management Team's Perspective <i>Anne Black</i> | |
| 4:40-5:00 | Community Resiliency as a Response to Wildfires: Canadian Case Examples <i>Judith Kulig</i> | Opportunities for Understanding Incident Management Through a Multi-Disciplinary Lens <i>Sarah McCaffrey with Krista Gebert, Chris Stalling, Anne Black and Toddi Steelman</i> | |
| 5:30-7:00 PM | POSTER PRESENTATIONS AND SOCIAL RECEPTION | | |
| Wednesday, April 28, 2010 | | | |
| 7:00-8:30 | Continental Breakfast | | |
| 8:20-8:30 | Opening Remarks - Announcements | | |
| 8:30-9:45 | When the Incident Doesn't End: Life in the Grinder The Experiences of a State Agency Tasked with Managing Multiple Long-Duration Incidents and the Impact on its Personnel <i>Mark Stanford, Texas Forest Service</i> | | |
| 9:45-10:10 | BREAK | | |
| | CONCURRENT SESSIONS | | |
| | SOCIAL ACCEPTANCE - DEFENSIBLE SPACE | FIREFIGHTER DECISION MAKING | PRESCRIBED FIRE |
| 10:10-10:30 | Understanding Risk Mitigation in the Western US <i>Wade Martin</i> | Identifying Risk Factors for Injury in Wildland Fire <i>Carla Britton</i> | Facilitating Prescribed Fire through Communication with Air Quality Regulators: Sequoia and Kings Canyon National Parks <i>Deb Schweizer</i> |
| 10:30-10:50 | Living with Wildfire in Colorado: A Survey of Two Front Range Counties <i>Hannah Brenkert-Smith</i> | Decision Making Processes, Decision Support Systems, and Standard Operating Guidelines <i>Patrick Withen</i> | Socio-Economics of Ranching and Ecological Prescribed Fire on the Refugio-Goliad Prairie, TX <i>Ray Guse</i> |
| 10:50-11:10 | Homeowners and Defensible Space: Motivation to Maintain and the Role of Local Programs <i>Sarah McCaffrey</i> | Combining Social Science and Economics: The Effect of Newspaper Coverage and Political Pressure on Wildland Fire Suppression Costs <i>Krista Gebert</i> | Learning and Training on the Use of Prescribed Burning Techniques in Southern Europe <i>Maria Colaco</i> |
| 11:10-11:20 | Defensible Space Features: Impact of Voluntary Versus Mandatory Programs on a Homeowner's Attitudes and Actions <i>Christine Vogt</i> | Can you Define Acceptable Risk in Wildland Firefighting? <i>David Clancy</i> | What Do They Think Of Burning In Texas? <i>Mark Moseley</i> |
| 11:20-11:40 | Changes in Southern California Landowner Attitudes and Behaviors About Forest Health and Fire Safety After Participation in Cost-Share Fuels Reduction Program <i>Allison Roth</i> | Advancing Fire Management Program Effectiveness through Improved Decision Making <i>Tom Zimmerman</i> | Wildfire in the UK: An Ecosystem Services Perspective <i>Julia McMorrow</i> |
| 11:40-1:00 PM | LUNCH - Provided | | |
| | CONCURRENT SESSIONS | | |
| | EVACUATION AND ALTERNATIVES | SPECIAL SESSION: BEYOND THE BASICS: EMERGING AND UN- OR UNDER- UTILIZED METHODOLOGIES AND WHAT THEY CAN REVEAL | |

| | | |
|---------------------------------|--|---|
| 1:00-1:20 | Improving an Inherently Stressful Situation: The Role of Communication During Wildfire Evacuations <i>Sarah McCaffrey</i> | Understanding Information Flows During Wildfires: Methodological Insights from Social Network Analysis <i>Branda Nowell and Toddi Steelman</i> |
| 1:20-1:40 | Development of Alternatives to Evacuation in the Wildland Urban Interface: Does Emerging Practice Reflect Community Diversity? <i>Travis Paveglio</i> | Theory of Human Performance: From Post-Traumatic Stress Disorder to Elite Athletes <i>James Saveland</i> |
| 1:40-2:00 | Research Results from the 2009 "Black Saturday" Bushfires: Human Behaviour and Community Safety Issues <i>Joshua Whittaker</i> | Materiality and Communication in HROs <i>Jody Jahn</i> |
| 2:00-2:20 | | Safety in Wildland Fire: Leadership, Employee Voice and the Application of Mindfulness for Future Research <i>Alexis Lewis</i> |
| 2:20-2:40 | BREAK | |
| CONCURRENT SESSIONS | | |
| 2:40-3:00 | EVACUATION AND ALTERNATIVES (cont.) | SPECIAL SESSION: ORGANIZATIONAL CHANGE, CONTINUOUS LEARNING, AND MANAGING ADAPTIVELY |
| 3:00-3:20 | Public Response to the Threat of Wildfire <i>Alan Rhodes</i> | Managing Adaptively to Improve Policy: Challenges and Opportunities for Integrating Science, Policy and Decision Making <i>Toddi Steelman</i> |
| 3:20-3:40 | Clarifying Evacuation Options Through Fire Behavior and Traffic Modeling <i>Carol Rice</i> | Continuous Improvement in Decision-making in Fire Management <i>Marc Rounsaville</i> |
| 3:40-4:00 | Understanding Homeowner Preparation and Intended Actions When Threatened by a Wildfire <i>Sarah McCaffrey</i> | Research Results, Challenges and Opportunities from 2008 and 2009 Fire Seasons <i>Anne Black and Toddi Steelman</i> |
| 4:00-4:20 | Understanding RSG Outreach - The Orange County Experience <i>Laura Blaul</i> | Discussion <i>Branda Nowell</i> |
| 4:20 - ? | "Birds of a Feather" Sessions | |
| 6:30 - 9:30 | Optional Evening Activity - A "Night on the Town" at the Riverwalk (Transportation will be provided) | |
| Thursday, April 29, 2010 | | |
| 7:00 - 8:20 | Continental Breakfast | |
| 8:20-8:30 | Opening Remarks - Announcements | |
| 8:30-9:45 | Closing the Science-Practice Gap: Lessons Learned from Collaboration Between Research and Practice in Community Wildfire Protection Planning <i>Daniel R. Williams, U.S. Forest Service, Rocky Mountain Research Station and Pam Jakes, U.S. Forest Service, Northern Research Station with additional participation by project participants</i> | |
| 9:45 -10:00 | BREAK | |
| CONCURRENT SESSIONS | | |
| | MITIGATION AND FIRE MANAGMENT | FIRE MANAGEMENT |
| 10:00-10:20 | Integrating Socioeconomic and Biophysical Processes in a Coupled Landscape Planning Model <i>Max Nielsen-Pincus</i> | Exploring the Meanings and Significance of Living with Wildfire in the Rural West: The "Lived Experience" of Everyday Interactions Between Firefighters and WUI Community Members <i>Tanner Hartman and Chuck Harris</i> |
| 10:20-10:40 | A Unique Wildfire Risk Reduction Program in an Aboriginal Community: Peavine FireSmart Projects <i>Amy Christianson</i> | Choice Matters: Bureaucratic Discretion in Hazardous Fuels Reduction on National Forests <i>Ellen Donoghue</i> |
| 10:40-11:00 | Citizen Acceptance of Post-Fire Management Strategies: Community Responses After Two Large Fires in Oregon <i>Christine Olsen</i> | Securing the Human Perimeter: Beyond Operational Approaches to Managing Community Fire Safety <i>Simone Blair</i> |
| 11:00-11:20 | Community Engagement and Volunteer Firefighting in South Eastern Australia - From Rural Brigade Street Meetings to Across State Boundaries <i>Lemmi Briedis</i> | Applying Best Practice Project Management Methods in Geospatial and Remote Sensing projects <i>Doug Oates</i> |
| 11:20-11:40 PM | Longitudinal Analysis of Public Response to Wildland Fire and Fuel Management <i>Bruce Shindler</i> | Using Stewardship Contracting to Reduce Hazardous Fuels: Choices from the Field <i>Cassandra Moseley</i> |
| 11:40-12:30 PM | CLOSING REMARKS | |