



Aerial Firefighting Conference

The Sheraton Vancouver Airport Hotel, Canada



Day One – 16th March 2010

0800 – 0900 *Registration & Networking*

- 0900 **Chairman's Opening Address** – *Rear Admiral Terry Loughran CB FRAeS. Royal Navy, UK*
- 0920 **Keynote Address** – *Brian Simpson, Director, BC Wildfire Management Branch, Canada*
- 0950 **Experience & Ongoing Changes in Forest Fire Management in Russian Federation** – *Andrey Eritsov, Deputy Chief, Aerial Forest Fire Center - Avialesookhrana, Russia*

1015 – 1045 *Refreshment Break & Networking*

- 1045 **Balancing Ground with Aerial Firefighting** - *Gavriil Xanthopoulos, Forester – Forest Fire Specialist, Natural Resource Technologies Consulting, Greece*
- 1110 **Aerial Ignition** – *Darren Mathis, Arizona BLM State Aviation Manager, USA*
- 1135 **Fact versus Fiction, the Myths & Realities of Fire Chemicals** – *Edward Goldberg, Business Director – Fire Safety, ICL Performance Products, USA*

1200 – 1330 *Buffet Lunch & Networking*

- 1330 **LA County Aerial Firefighting Doctrine & Utilization of the SuperScoopers** - *Anthony Marrone, Chief Air Operations, County of Los Angeles Fire Department, USA*
- 1355 **Pilot Competencies for Helicopter Wildfire Operations - Best Practices Training & Evaluation** - *Teri Northcott, Vice-Chair / Board of Directors, Helicopter Association of Canada, Canada*
- 1420 **Evaluating Air Tankers** - *Richard Alder, General Manager, National Aerial Firefighting Centre, Australia*

1445 – 1515 *Refreshment Break & Networking*

- 1515 **Establishing Key Performance Indicators for Rotary Wing Fire Management Operations; A Perspective from the British Columbia Ministry of Forests & Range Wildfire Management Branch** – *Steve Newton, Superintendent, Aviation Management, BC Ministry of Forests & Range – Wildfire Management Branch, Canada*
- 1540 **Aerial Firefighter Training & Simulation** – *Dennis Hulbert, United States Forestry Service - Simulator Center, USA*
- 1605 **Panel Session – The Use of Chemicals – Developing Aerial Gel Applications & Ultramobility** – *Hosted by Steve Newton, Superintendent, Aviation Management, BC Ministry of Forests & Range – Wildfire Management Branch, Canada*
- 1630 **Chairman's Closing Remarks**

1645 *Drinks Reception hosted by Erickson Air-Crane, Inc.*





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0830 – 0900 *Registration & Networking*

- 0900 **Chairman's Introduction**
Rear Admiral Terry Loughran CB FRAeS, Royal Navy, UK
- 0910 **Measuring British Columbia's Airtanker Fleet Performance & Enabling Technologies in the 2009 Fire Season** – *Jeff Berry, Aviation Manager, Ministry of Forests & Range Wildfire Management Branch, British Columbia, Canada*
- 0935 **Enhanced Firefighter Safety through Situational Awareness with LADAR C3ISR Integration** – *Doug Pasquan, Director, Sensor Programs, Lockheed Martin, USA*
- 1000 **LiDAR – Assessing Understory & Crown Structure in the Sooke Watershed using LiDAR Remote Sensing** – *Christos E. Koulas, LiDAR Mapping – Remote Sensing, University of Victoria, Canada*

1030 – 1100 *Refreshment Break & Networking*

- 1100 **Innovative Solutions for Airborne Fire Monitoring: UAS, Intelligent Sensors, & Data Visualization Systems ... The future is Now !!** – *Vincent Ambrosia, Senior Research Scientist, California State University – Monterey Bay / NASA-AMES, USA*
- 1125 **UAV Integration** – *Thomas Zajkowski, Remote Sensing Analyst, US Forest Service, USA*
- 1150 **Aging Pilots** – *Dr Jermone Yesavage, Stanford University School of Medicine, USA*

1215 – 1345 *Buffet Lunch & Networking*

- 1345 **UAS Wildfire Mapping** – *Kathe Rich,, Operations Controller, Poker Flat Research Range, University of Alaska Fairbanks, USA*
- 1410 **New Offerings for Airtanker Safety, Effectiveness, and Efficiency** – *Walt Darran, Safety Chairman, Associated Aerial Firefighters, USA*
- 1435 **Los Angeles NVG Operations & Night Flying Guidelines** - *Thomas Short, Senior Pilot, Air Operations, County of Los Angeles Fire Department, USA*

1435 – 1500 *Refreshment Break & Networking*

- 1500 **Operational Loads Monitoring for Airtankers** - *John A. Nelson, Nat'l Airworthiness & Logistics Officer, US Forest Service, USA & Linda K. Kliment, PhD, Department of Aerospace Engineering, Wichita State University, USA*
- 1525 **Initial Attack with the S-64 Aircrane Helitanker** – *Mike Rotonda, Domestic Firefighting, Erickson Air-Crane Inc, USA*
- 1540 **Tbc** – *Jim Messer, Chief Operating Officer, Coulson Group of Companies, Canada*
- 1555 **Safety Management** – *Doug Brown, General Manager, Conair Group Inc, Canada*
- 1620 **Questions & Answers**
- 1645 **Chairman's Closing Remarks**

1700 *Conference Close*