

5th NRIFD Symposium

Program of International Symposium on Forest Fire Protection

Nov. 30 (Wed), 2005	
09:00 - 09:45	<i>REGISTRATION</i>
09:45 - 10:00	Opening (Chair : M. YAMADA) President of NRIFD, Yoshiteru Murosaki Short Break
10:00 - 10:45	Keynote Lecture I (Chair : J. KUDOH) Daniel Kraus (Global Fire Monitoring Center, Germany), "International Cooperation in Wildland Fire Management through the Global Wildland Fire Network and the United Nations"
10:45 - 11:00	<i>COFFEE BREAK</i>
11:00 - 12:00	Session 1 (Fire situation in each country I) (Chair : T. SANO, Co-chair: G. CARY)
1-1	Francesco Gaetani (University of Genova, Italy), "The Italian Forest Fire Situation: Analysis of the Phenomenon and Current Research Activities"
1-2	Duncan Sutherland (NSW Rural Fire Service, Australia), "Recent Developments in Forest Fire Management in Australia"
12:00 - 13:15	<i>LUNCH</i>
13:15 - 15:15	Session 2 (Fire situation in each country II) (Chair : T. KOIZUMI, Co-chair : J. BECK)
2-1	Leonid Kondrashov (Pacific Forest Forum, Russia), "Russia's Far East Contribution into Northeast Asia Wildland Fire Situation Development"
2-2	Bambang Hero Saharjo (Bogor Agricultural University, Indonesia), "Indonesian Forest Fire"
2-3	Masayuki Tokura (Marugame City North Fire Station, Japan), "About the Forest Fire in 'Honjima', August 20, 2002"
2-4	Kim, Dong Hyun (Korea Forest Research Institute, Korea), "Case Study of Yangyang Forest Fire and the Development of Simple Fire Spread Rate Table"
15:15 - 15:30	<i>COFFEE BREAK</i>
15:30 - 17:30	Session 3 (Fire danger rating I) (Chair : H. SEKINE, Co-chair: F. FUJIOKA)
3-1	Kohyu Satoh (National Research Institute of Fire and Disaster, Japan), "Human Causes affecting Forest Fire Danger Rating"
3-2	Patricia L. Andrews (USDA Forest Service, Fire Sciences Laboratory, USA), "Fire Danger Rating and Fire Behavior Prediction in the United States"
3-3	Mike Wotton (Great Lakes Forestry Center, Canadian Forest Service, Canada), "Prediction of Forest Fire Occurrence in the Province of Ontario, Canada"
3-4	Geoffrey Cary (The Australian National University, Australia), "Modeling Applications of the Australian Forest Fire Danger Index"
18:30 - 20:30	<i>Welcome Reception (Jindaiji Suijin En)</i>
Dec. 1 (Thurs), 2005	
09:00	<i>REGISTRATION</i>
09:00 - 09:45	Keynote Lecture II (Chair : K. SATOH) K.T. Yang (University of Notre Dame, USA), "Forest Fire - A Fundamental Research Perspective"
09:45 - 10:00	<i>COFFEE BREAK</i>
10:00 - 12:00	Session 4 (Fire danger rating II) (Chair : N. LIU, Co-chair : S. MAHALINGAM)

4-1	Koji Tamai (Forestry and Forest Products Research Institute, Japan), “Moisture Content Prediction of Fuels on Forest Floor - based on the Light Environment under the Forest Canopy -”
4-2	Toshikazu Sano (Hiroshima Prefectural Forestry Experimental Station, Japan), “Forest Fire Danger Prediction in Hiroshima Prefecture and Experimental Investigation of Fire Spread Danger Map”
4-3	Song Weiguang (State Key Laboratory of Fire Science, University of Science and Technology of China, China), “ANN Analysis of Multi-Correlation between Forest Fire Risk and Weather Parameters”
4-4	Toshio Koizumi (Chiba Institute of Technology, Japan), “Research on Forest Fire Spread Prediction Based on Geographical and Wind Features ”
12:00 - 13:00	<i>LUNCH</i>
13:00 - 14:00	<i>NRIFD Campus Tour</i>
14:00 - 15:30	Session 5 (Fire protection) (Chair : K. TAMAI, Co-chair : D. KIM)
5-1	Hideo Kihira (Tokyo Fire Department, Japan), “Forest Fires and Firefighting in Tokyo”
5-2	Domingos Xavier Viegas (University of Coimbra, Portugal), “Forest Fire Research in Europe”
5-3	Judi Beck (British Columbia Ministry of Forest and Range, Canada), “Operational Fire Management in Canada”
15:30 - 15:45	<i>COFFEE BREAK</i>
15:45 - 17:45	Session 6 (Remote sensing) (Chair : W. SONG, Co-chair : P. ANDREWS)
6-1	Jun-ichi Kudoh (Tohoku University, Japan), “Forest Fire Detection and Monitoring System in Northeast Asian Region”
6-2	Hozuma Sekine (Mitsubishi Research Institute, Inc., Japan), “Predicting and Mapping Forest Fires using Multiple Satellite Data”
6-3	Kei Suzuki (Japan Forest Technology Association, Japan) “Forest fire hazard map processing using High resolution satellite data (IKONOS)
6-4	Francis Fujioka (USDA Forest Service, USA), “Fire Modeling and Remote Sensing: Converging Technologies”
18:45 - 21:00	<i>Banquet (Kichijoji Tokyu Inn)</i>
Dec. 2 (Fri), 2005	
09:00	<i>REGISTRATION</i>
09:00 - 11:30	Session 7A (Aerial firefighting and fire behavior) (Chair : H. KIHIRA, Co-chair : F. GAETANI)
7-1	Koji Fukai (ShinMaywa Industries, Ltd., Japan), “Aerial Fire Fighting by a Flying Boat - Water Drop Tests by PS-1 and Computer Simulations - ”
7-2	Andrey M. Eritsov (National Aerial Forest Fire Center, Russia), “Development of Aerial Fire Fighting Technologies by the Aerial Forest Fire Center "Avialesookhrana", Russian Federation ”
7-3	Shankar Mahalingam (University of California, Riverside, USA), “An Examination of Marginal Burning and Transition from Ground-to-Crown Fires Using Laboratory and Computational Modeling”
7-4	Naian LIU (State Key Laboratory of Fire Science, University of Science and Technology of China, China), “Experimental Research on Fire Interaction and its Induced Fire whirl in Fire Arrays”
7-5	Hisashi Fukuda (CRC Solutions Corp., Japan),

	“Weather and Forest Fires ”
09:00 - 11:30	Session 7B (Fire network meeting) (Chair : L. KONDRASHOV) ----- Regional Northeast Asia Wildland Fire Network Meeting
11:40 - 12:00	<i>Closing</i> (Chair; T. YAMADA) Vice President of NRIFD, Junichi Nagasawa
12:20 - 17:00	<i>Bus Tour to Hachioiji Branch of Forestry and Forest Products Research Institute</i>
17:00	<i>Adjourn</i>