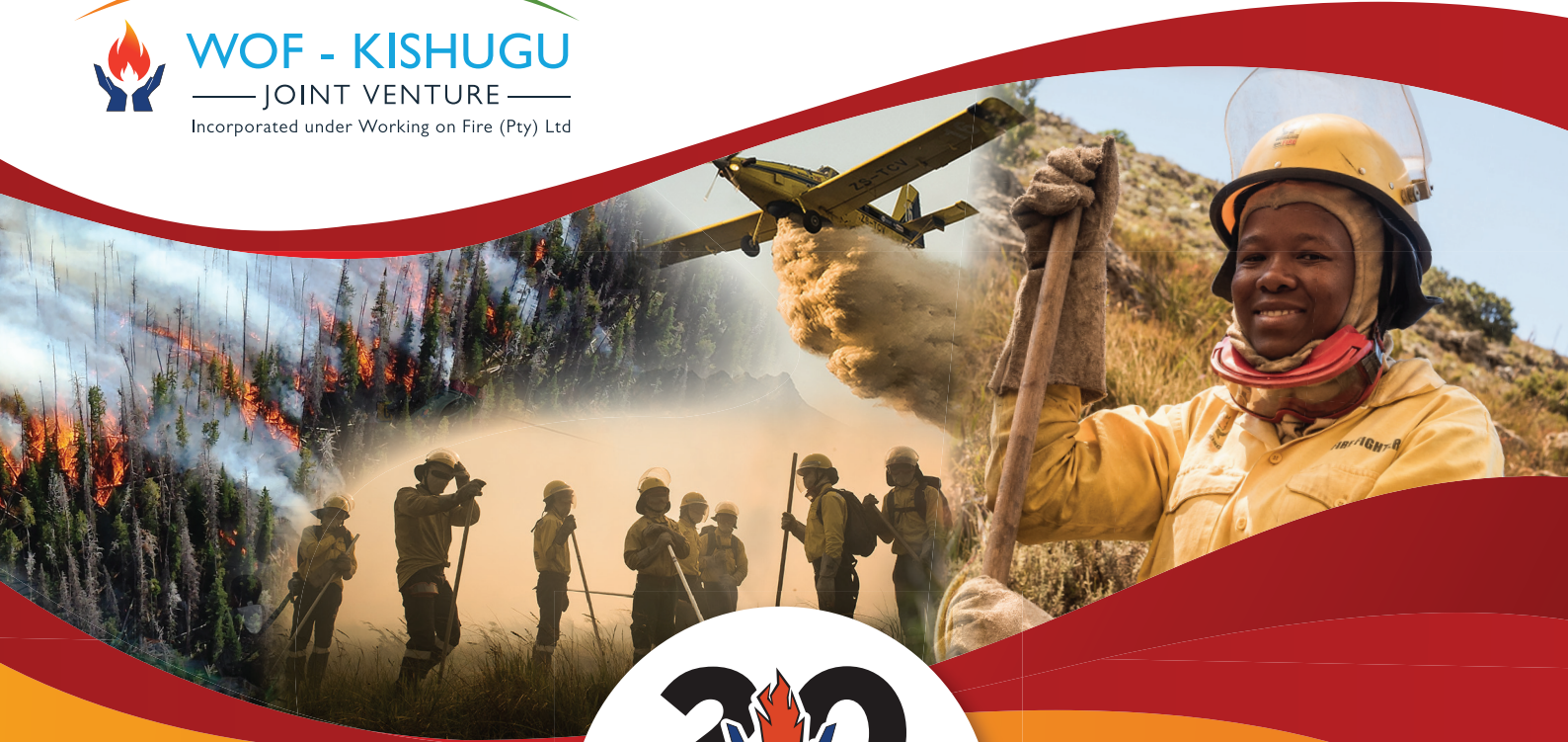




WOF - KISHUGU

— JOINT VENTURE —

Incorporated under Working on Fire (Pty) Ltd



20
ANNIVERSARY
CELEBRATION
2003 - 2023

WORKING ON FIRE

20th Anniversary Fire Symposium Programme

In Proud Partnership

**FIRE AND
RESCUE
INTERNATIONAL**

NELSON MANDELA
UNIVERSITY

DAY ONE: 8 November 2023

SESSION I: WOF AND ITS IFM APPROACH TO FIRE MANAGEMENT

08h30 - 08h35	Linton Rensburg, Welcome and logistics by organizer (safety, cell phones, toilets, protocol)
08h35 - 08h40	Working on Fire, Video: Climate Change & Wildfires in 2023
08h40 - 08h50	VIP Opening of Symposium, Official Opening & Welcome
08h50 - 09h05	Keynote – Trevor Abrahams, Climate Change & Wildfires: The Rapidly Changing Game - Key Challenges, Policy and Operational Responses
09:05 - 09:25	Dr. Elias Sithole, Head of National Disaster Management Centre, South Africa's Preparedness for future Wildfires

SESSION 2: CLIMATE CHANGE AND THE NEW “NORMAL” IN INTEGRATED FIRE MANAGEMENT (CHAIRPERSON: PROF EDITH VRIES)

- 09h25 -09h40 (1) Mr. Kevin Rae, Chief Forecaster: Disaster Risk Reduction (DRR), SA Weather Service (South Africa) South Africa. **Comparative Performance and Daily Behavioural Characteristics of the Canadian Fire Weather Index (FWI) and Lowveld Fire Danger Index (FDI) models in a South African domain.**
- 09h40 - 09h55 (2) Kim Connors, Executive Director Canadian Interagency Forest Fire Centre (CIFFC) Canada. **Strengthening Global Collaborations in Wildland Fire Management: Lessons from Canada’s Unprecedented Fire Season**
- 09h55 - 10h10 (3) Kekilia A. Kabalimu Tanzania Forest Services Agency; Ministry of Natural Resources and Tourism, Tanzania. **Climate Change and the Risk of Wildfire: Overview of How Integrated Fire Management Reduces Wildfire Risk In Tanzania**
- 10h10 - 11h25 (4) Dr.Danie Boshoff, North-West University Senior Lecturer: Geography, South Africa. **The Role of Climate on Large Fire Events in the Western Cape**
- 11h25 - 11h40 (5) Dr. Christo Marais, South Africa. **Climate Change and the “New Normal” for Integrated Fire Management: The potential contribution of Integrated Wildland Fire Management to Ecosystem based Adaptation to Climate Change**
- 11h40 -11h55 (6) Dr. Tlou Raphela, Lecturer - University of the Free State, Disaster Management **Training and Education Centre for Africa, University of the Free State, South Africa. The effects of Climate Change on Fire Regimes and the Mental Health Impacts on Communities.**
- 11h55 - 12h25 Questions & Answers – Panel Discussion
- 12h25 - 13h25 Lunch

SESSION 3: EMPOWERING AFRICA TO BECOME IFM COMPLIANT (DR CHRISTO MARAIS)

- 13h30 - 13h45 (7) Haritiana Zacharie, Head Researcher Land, Landscape and Development Research Lab (LLandDev), Madagascar. **Using remote sensing data in supporting wildfire early warning in East-Africa, experiences from the Regional Eastern Africa Fire Monitoring Resource Center (REA-FMRC)**
- 13h45 -14h00 (8) Dr Paolo Fiorucci, CIMA Research Foundation Italy. **Enabling Integrated Fire Management strategies through integrating a comprehensive smart modelling chain into Wildfire Early Warning System**
- 14h00 - 14h15 (9) Dr Ida Herdieckerhoff University of Eastern Finland. **Finland Land use planning in rural areas of developing countries that promotes IFM**
- 14h15 - 14h30 (10) Prof. John F. Kessy, College of Forestry, Wildlife and Tourism, Tanzania, Sokoine University of Agriculture Tanzania. **Development of community level action plans for enforcement of national Integrated Fire Management (IFM) policies: Processes and Lessons from Tanzania**
- 14h30- 14h45 (11) Dr Faith Mitheu, CIMA Research Foundation Italy. **Enhancing Awareness and Capacity to develop and disseminate multi-hazard early warning information in Africa through the Network of Excellence (NoE)**
- 14h45 - 15h00 (12) Tiaan Pool, Head of Department Nelson Mandela University, George Campus, South Africa. **Implementation of Integrated Fire Management practices on the Southern Highlands of Tanzania**
- 15h00 - 15h15 (13) Navashni Govender Senior Manager: Conservation Management, Kruger National Park, South Africa. **Integrated Fire Management Plan for the Kruger National Park: Lessons from 7 decades of fire management.**
- 15h15 - 15h45 Questions & Answers – Panel Discussion
- 15h45 - 15h55 Summary
- 15h55 - 16h00 Programme and Logistics for following day

DAY TWO: 9 November 2023

09h00 - 11h00	Presentations by Exhibitors
11h00 - 17h00	Game Drive and Fire Demonstration: Aerial and ground firefighting resources (Integrated fire management as a key tool in managing biodiversity and wildfire risks)
17h00 – 20h30	Evening Boma Braai (South African Barbeque)

DAY THREE: 10 November 2023

SESSION 4: PREVENTION THE KEY TO MITIGATING THE INCREASED INCIDENCE OF WILDLAND FIRES (ROLAND HENDRICKS, DIRECTOR FIRE SERVICES, NATIONAL DISASTER MANAGEMENT CENTRE, SOUTH AFRICA)

08h30 - 08h45	(14) Nokuphila Buthelezi, Ethekewini Municipality, KwaZulu-Natal, South Africa Using Fire To Manage Grasslands In Ethekewini Municipality
08h45 - 09h00	(15) Dave Dobson, South Africa. How changes in the ecology of fires as a result of climate change will affect management decision making
09h00 - 09h15	(16) Dr Pieter Olivier, M.A.P Scientific Services Director, South Africa Harnessing the Power of Wildfire Data to Enable Integrated Fire Management for Safer Landscapes
09h15 - 0930	(17) Gaston Hedwigino Tahintsoa, Researcher REAFMRC Madagascar. Analysing interactions between landscape structure and fire-resilience at watershed level, experiences from Ankarafantsika National Park, Madagascar
09h30 - 09h45	(18) Ms Louise Wessels, Manager Greater Overberg Fire Protection Association (FPA), South Africa. 7th International Wildland Fire Conference, Porto. May 2023: A benchmark exercise with some new perspectives and take-home messages
09h45 - 10h00	(19) Nothando Ngobeni, Fire Researcher, Working on Fire, South Africa. The effect of time of day on factors that affect fire intensity in Southern African savanna.
10h00-10h15	(20) Angel A. Goldsmith, Kings College London, Geography Department and Faculty of Social Science and Public Policy, United Kingdom. Prophylactic land-use for wildfire risk reduction at South Africa's wildland-Urban interface
10h15 - 10h45	Questions & Answers – Panel Discussion

SESSION 5: BETTER COLLABORATION OF GLOBAL, CONTINENTAL AND LOCAL LEVEL (CHAIRPERSON, TREVOR ABRAHAMS)

10h50 - 11h05	(21) Mr. Thobani Vetsheza, Department of Forestry, Fisheries and the Environment (DFFE), South Africa. Non-Affiliation of the Local Municipalities, State Lands and Traditional Authorities in the Existing Fire Protection Associations (FPA) Within Their Jurisdiction is a Recipe for Disasters (Case Study Amathole and Chris Hani District Municipalities)
11h05 - 11h05	(22) Markes Wayne Butler, Head Free State Disaster Management Centre. Implementing the Incident Command Systems (ICS) as a critical component of responding and managing emergencies (wildfires)
11h05 – 11h20	(23) Dr Abigail R. Croker Centre for Environmental Policy, Imperial College London, United Kingdom. Community-Based Fire Management in East and Southern African Savanna-Protected Areas: A Review of the Published Evidence
11h35 – 11h55	Summary
11h20- 11h30	Trevor Abrahams - Closure

LUNCH