Met Office Wildfire Workshop 2014:
Weather and Climate, Modelling and Services

3rd - 4th December 2014, Met Office, FitzRoy Road, Exeter, EX1 3PB

Day 1: Wednesday 3rd December

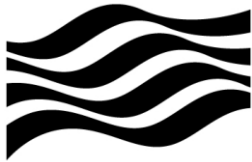|	
09:30	Arrivals and Registration
10:00	Welcome and Introduction *Richard Betts, Met Office*
10:20	Enhanced carbon sink despite increased wildfire during the 21st century: an Australian case study *Sandy Harrison, Reading University*
10:50	does mitigation influence the future occurrence of global fire weather days? *Inika Taylor, Met Office*
11:10	TEA BREAK + POSTERS
11:40	Improving carbon accounting for wildfires: incorporation of charcoal production as a carbon sink *Cristina Santin, Swansea University*
12:10	INteractive Fire and Emission algorithm for Natural envirOnments (INFERNO) *Stephane Mangeon, Imperial College*
12:40	NETWORKING LUNCH
13:30	Mapping future fire threats associated with climate-driven biome shifts in North America Nicholas Walding, Exeter University
14:00	Emissions measurements of trace gases and aerosols from agricultural biomass burning in Eastern China *Tianran Zhang, Kings College London*
14:30	A temporal active fire detection algorithm applied to geostationary satellite observations *Gareth Roberts, Southampton University*
15:00	TEA BREAK + POSTERS
15:30	Wildfire Emission and injection height: Development and Optimization for global Scale. *Ronan Paugam, Kings College London*
16:00	The Global Fire Assimilation System of the Prototype Copernicus Atmosphere Service *Martin Wooster, Kings College London*
16:30	Wrap up *Karl Kitchen, Met Office*
19:00	Workshop Dinner (TBC)

Day 2: Thursday 4ᵗʰ December

09:00	Introduction to day 2 *Nicola Golding, Met Office*
09:20	Smoke-haze dispersion predictions with NAME using wildfire emission data for South East Asia *Denise Hertwig, Met Office*
09:50	The effects of fire-plume dynamics on the lateral and longitudinal spread of long-range spotting *Will Thurston, Bureau of Meteorology*
10:20	The controls of fire frequency: evidence from the contemporary data *Colin Prentice, Grantham Institute*
10:45	TEA BREAK + POSTERS
11:15	Wildfire Emission and injection height: Development and Optimization for global Scale. *Ronan Paugam, Kings College London*
11:45	On the influence of biomass burning and biogenic emissions on measurements of methane, benzene and methyl chloride at Ragged Point, Barbados. *Alex Archibald, NCAS*
12:15	NETWORKING LUNCH
13:00	Development of fire weather and climate services (FWCS) – interactive session *Nicola Golding, Met Office*
13:45	Wildfire Threat Analysis in a UK Forest-Urban Interface *Julia McMorrow, Manchester University*
14:15	Wildfire statistics and prevention practices *Rob Gazzard, Forestry Commission*
14:45	TEA BREAK + POSTERS
15:15	Wildfire Impacts in the UK *Jonathan Aylen, Manchester University*
15:45	Modelling the fire weather of the Coonabarabran (NSW) fire of 13 January 2013 *Will Thurston, Bureau of Meteorology*
16:15	Calibration of the Canadian Fire Weather Index System for operational use in the UK and its relationship to fire occurrence *Mark de Jong, Kings College London*
16:45	How can aerial sensing and computer simulation modelling enhance understanding of wildfire preparedness and prevention in northern European landscapes? *Tom Smith, Kings College London*
17:15	Wrap up *Karl Kitchen, Met Office*

Workshop Participants

Nicola Golding	Met Office
Karl Kitchen	Met Office
Richard Gilham	Met Office
Rowena Jeremy	Met Office
Inika Taylor	Met Office
Rob Gazzard	Forestry Commission
Colin Prentice	Grantham Institute
Sandy Harrison	Reading University
Julia McMorrow	Manchester University
Jonathan Aylen	Manchester University
Jodie Davis	Climate Southwest
Dom Letham	Met Office
Noel Nelson	Met Office
Richard Betts	Met Office
Ivan Paspaldzhiev	Met Office
Mariana Adam	Met Office
Rutger Dankers	Met Office
Will Thurston	Bureau of Meteorology
Laura Burgin	Met Office
Kathy Zhang	Meteorological Service Singapore (Skype)
Christopher Gan	Meteorological Service Singapore (Skype)
Joanne Robbins	Met Office
Helen Titley	Met Office
Andrew Jones	Met Office
Denise Hertwig	Met Office
Tianran Zhang	Kings College London
Gareth Roberts	Southampton University
Ronan Paugam	Kings College London
Martin Wooster	Kings College London
Mark de Jong	Kings College London
Tom Smith	Kings College London
Charlotte Hewitt	Kings College London
Carly Reddington	Leeds University
Sarah Monks	Leeds University
Nicholas Walding	Exeter University
Claire Belcher	Exeter University
Cristina Santin	Swansea University
Stefan Doerr	Swansea University
Alex Archibald	NCAS
George Peet	Regional Head Forester
Stephane Mangeon	Imperial College

Vicky Hudspith	Exeter University
Claire Witham	Met Office
Matthew Hort	Met Office
John Wilding	Clinton Devon Estates
Richard Betts	Met Office
Ben Johnson	Met Office
Franco Marenco	Met Office