



**European Commission (EC),
GOFC GOLD Fire Implementation Team (GOFC Fire IT)**

**2nd GWIS and GOFC-GOLD Fire IT meeting
20 - 23rd Nov 2017, London, Agenda v2.0**

Cumberland Lodge, Great Park, Windsor, Berkshire, SL4 2HP Tel: 01784 432216.

Please coordinate with and/or see your travel arrangements from Amex for airport transfers. If arranging yourself – then the Lodge is 20 – 30 mins Taxi from Heathrow.

Monday 20th November

12:15 – Event Start

12:15 Schedule, Agenda and Objectives of Meeting (M Wooster, D. Roy, J. San-Miguel).

12:30 – 13:15 Cumberland Lodge Introduction and History

13:15 – 14:15 Lunch

14:20 – 15:20 Active Fire & FRP Products, Developments & Gaps (Chair D. Roy)

- **VIIRS I & M-Band AF Products (+any MODIS from Louis) – W Schroeder (15 + 5 mins Qs)**
- **Regional VIIRS I/M-Band FRP Product for China - T. Zhang (15 + 5 mins Q's)**
- **SLSTR & Meteosat Active Fire Product Update – Martin Wooster (15 mins + 5 mins Qs)**

Short Break (10 mins)

15:30 – 16:30

- **Himawari & GOES-E/W Active Fire Product Update – Weidong Xu (15 mins + 5 mins Qs)**
- **Gas Flare Characterisation - J. Kaiser (15 mins + 5 mins Q's)**
- **Needs Assessment for Active Fire – J. Johnston (15 mins + 5 mins Q's)**

16:30 - 17:00 Coffee/Tea

- **Breakout Areas available for individual project discussions**

17:00 – 18:35 Industry / Agency / Inst. Presentations on Active Fire (Chair M. Wooster)

- **CWFMS Mission Proposal - M. Van Mierlo (15 mins + 5 mins Qs)**
- **FireBird Mission Overview - Christian Fischer (15 mins)**

- **FibreBird Active Fire Product Update – Eckehard Lorenz (10 mins + 10 mins Qs related to both FireBird Talks)**
- **GOES-R Active Fire – Wilfrid Schroeder for Ivan Csiszar (15 mins + 5 mins Qs)**
- **AFIS update and Knysna fire disaster – P. Frost (15 mins + 5 mins Q's)**

18:35 – 18:55 AF Question: Do we have what is needed and what else is required?

19:30 Dinner & End of Day 1

Tuesday 21st November

08:15 - 08:50 Breakfast

9:00 – 10:20 Burned Area Products, Developments & Gaps (Chair T. Lynham)

- NASA MODIS & VIIRS BA Products Update - Louis Giglio (15 mins + 5 mins Qs)
- ESA Fire CCI BA Product Updates – Emilio Chuvieco (15 mins + 5 mins Qs)
- Automatic BA mapping using Sentinel-2/MODIS Hotspots –T. Artés (15+5 min Qs)
- Landsat & Sentinel Burned Area Updates – David Roy (15 mins + 5 mins Qs)

10:20 – 10:40 BA Question: Do we have what is needed and what else is required?

10:50 – 11:20 Coffee/Tea

Walk in Grounds / Breakout Rooms Available as Needed

11:30 – 12:45 GWIS Developments & NASA GEO GWIS Proposals (Chair C. Justice)

Feedback on Intro to GEO GWIS Side event – Washington DC October – and on-going work on GWIS web applications and contribution to the GEO Activities (SDGs, GEO GWIS web pages, etc - J. San-Miguel (15 mins + 5 mins Q's)

NASA Applied Science Program - ROSES GEO Proposals – Justice/Roy/San-Miguel for Vincent Ambrosia (10 mins)

Presentation of NASA GEO GWIS Projects:

- Harmonized global active fire data set” –W. Schroeder (10 mins + 5 mins Q's)
- Using NASA fires product to enhance GWIS - Boschetti/Roy (10 + 5 mins Q's)
- Enhancements to Fire Danger Rating in Indonesia – R. Field (10 + 5 mins Q's)

Lunch 13:00 – 13:50

14:00 pm – 16:45 Tour to Windsor Castle (COST = 20 GBP per person)

17:05 - 18:45 Fire Danger Indices & Databases (Chair J. San-Miguel)

- Fire danger databases – Robert Field (15 mins + 5 mins Qs)
- Combining FRP obs. + FWI improves fire emissions - F Di Giuseppe (15+5 min)
- Fire danger conditions in Portugal 2017 - D. Viegas (15 mins + 5 mins Qs)
- FWI System Developments and Global Fire Danger – B. deGroot (15 + 5 Q's)
- Inputs for fire Risk Management - E. Chuvieco (15 mins + 5 mins Q's)

19:00 – 20:00 Dinner

19:00 – 19:20 General Discussion of GOFc Fire IT & GWIS Activities (Chair: D. Roy)

<Attendance Optional – All Interested are Welcome>

-Structure of GOFc Fire & Review of activities and changes since Nov. 2016

-New chairs in place: Membership process & Suggestions for Participation and Contribution

Foreseen activities under the umbrella of GOFC Fire IT & GWIS

- GWIS - GEO Work Program 2017-19 (J. San-Miguel - foreseen activities in 2018)
- GOFC Fire Website Updates
- GOFC Regional Networks and Fire Related Training Needs
- GOFC Regional Networks and Funding (Regional Projects)
- Role of GOFC Fire IT secretariat - Tim Lynham

21: 00 End of Day 2

Wednesday 22rd November

08:15 - 08:50 Breakfast

09:00 – 10:40 Regional Fire Information Systems & Networks (Chair: K Vadrevu)
Regional Network Overview & Activities - Krishna Vadrevu (15 mins + 5 mins Qs)
SAFNET- Philip Frost (15 mins + 5 mins Qs)
REDLATIF - G. Lopez Saldana (15 mins + 5 mins Qs)
Brazilian Wildfire Information System - A. Setzer (15 mins + 5 mins Qs)
MIOMBO network & Fire Management - J. Kamoto (15 mins + 5 mins Qs)

10:50-11:20 Tea/Coffee Break

Walk Outside and Breakout Rooms Available if Required.

11:30 – 12:50 Regional Fire Information Systems & Networks (Chair: K. Vadrevu)

- **Canadian Fire Information Systems – T. Lynham/J. Johnston - (15 + 5 mins Qs)**
- **Australia – G. Morgan (15 mins + 5 mins Qs)**
- **The Greek National Observatory of Forest Fires - I.Gitas (15 mins + 5 mins Qs)**
- **Applications and Final Users in Latin America (Isabel Cruz (15+ 5 mins Qs)**

13:00 - 14:00 Lunch

14:10 – 15:30 Fire Emissions Estimation / Inventories (Chair T. Lynham)

- **GFED Methodology & Results - Guido van der Werf (15 mins + 5 mins Qs)**
- **GFAS Methodology & Results - Johannes Kaiser (15 mins + 5 mins Qs)**
- **FREM Methodology & Results - Martin Wooster (15 mins + 5 mins Qs)**
- **EFFIS Methodology & Results - T. Artés (15 mins + 5 mins Qs)**

15:40 - 16:10 Tea/Coffee Break

Breakout Rooms Available if Required.

16:20 – 17:20 Fire & Fuel Consumption (Chair T. Lynham)

- **Inter-comparison of MODIS & VIIRS AF Fire Products in Agricultural Landscapes – Implications for Air Pollution Research - Krishna Vadrevu (15 mins + 5-mins Q's)**
- **FRP Fuel Consumption Dynamics – G. Roberts (15 mins + 5 mins Q's)**

17:20 – 18:00 Any Further Additional Talks & General Discussion

Next meeting, Time & Location, Work Plan for 2018

Tentatively now at JRC

<http://www.grss-ieee.org/event/forestsat-2018/>

20:05 - 20:55 QC of Datasets & CEOS Cal Val (Chair B. DeGroot)

- Cal/Val of Active Fire - G. Roberts (10 mins+15 mins discussion)**
- Cal/Val of Burned Area – L Boschetti (10 mins+15 mins discussion)**

18:00 - 19:00 Breakout Sessions for Individual Meetings

19:30 Dinner and End of Day 3

Thursday 23rd November

08:15 - 09:00 Breakfast

09:00 – 12:00 - Tea and coffee served at 11 am

- Group meetings on specific activities (Active fires/Burnt area /Emissions/etc.)**
- Meetings on the implementation of NASA Funded projects for GWIS**
- Scheduled Breakout Meetings**

Discussion of Fire ECV Updates

12:30 Buffet Lunch

Depart
