



**European Commission (EC)  
GOFc GOLD Fire Implementation Team (GOFc Fire IT)**

**DRAFT AGENDA**

**5<sup>th</sup> GWIS and GOFc-GOLD Fire IT meeting  
21<sup>st</sup>-23<sup>rd</sup> June 2022**

**Meeting Venue**

[Hotel Regina Palace](#)

Corso Umberto I, 29, 28838 Stresa VB

Arrive 8:45 for 9:15am start (Coffee/Tea Available)

Tuesday June 21<sup>st</sup>

**9:15 – 9:30 Opening and review of recent past activities of GOFc Fire IT and GWIS**

- Welcome – Alessandra Zampieri – Head of Unit JRC E1 – Disaster Risk Management
- Agenda and Objectives of Meeting - J. San-Miguel, D. Roy, M. Wooster

**9:30 – 12:30 – Burnt area mapping research & products (Chair: D. Roy)**

*[10 minute presentations, 2 minutes for questions]*

Louis Giglio (presenter), Joanne Hall, Michael Humber, David Roy, Luigi Boschetti, Fernanda Argueta, Wilfrid Schroeder, Chris Justice (USA, Maryland)

Nasa Fire Products, Univ. Maryland (USA)

Emilio Chuvieco  
Louis Giglio (presenter), David Roy, Maria Zubkova, Joanne Hall

Fire CCI products (Sentinel-3 synergy and the new African coverage of Sentinel-2 from 2019) (Spain)

David Roy, Haiyan Huang, Myung Cho, Lin Yan

Extending the global fire record back in time before MODIS Univ. Maryland (USA)  
The potential of commercial high resolution satellite data for detailed burned area mapping, Univ. Michigan (USA)

Krishna Vadrevu

Burnt area assessment using Sentinel 1A/B SAR and Very High Resolution PlanetScope data over South/Southeast Asia, NASA (USA)

BREAK 15 minutes coffee break

Louis Giglio & Gareth Roberts

CEOS LPV Fire Disturbance Status, Univ. Maryland (USA)

Emilio Chuvieco

GCOS Burnt Area Requirements, Univ. Alcala (Spain)

de Jong, Giglio, Hall, Johnston, Roy, Wooster

GOFC/GOLD 2022 GCOS Implementation Plan  
ECV requirements feedback, Natural Resources  
(Canada)  
Discussion of GCOS ECV Fire Requirements  
(burnt area, active fire, FRP, combustion  
completeness)

12:30 - 14:30 Lunch break (1 hour 40 minutes)

**14:30 – 15:30 Active fire detection research & products (Chair: L. Boschetti)** [10 minute presentations, 2 minutes for questions]

Ivan Csiszar and Wilfrid Schroeder, Michael Pavolonis, Shobha Kondragunta

"An update on NOAA's satellite fire product development activities", NOAA (USA)

Martin Wooster, Weidong Xu, Hannah Nguyen, Jiangping He

Active Fire, FRP and Fire Emissions Product Developments from European satellites (Sentinel-3 and Meteosat), Imperial C. (UK)

G. Roberts, M.J. Wooster, T. Strydom

Assessment of Fire Radiative Power (FRP) retrievals from METEOSAT SEVIRI, Univ. Southampton (UK)

Alberto Setzer, P.S.S. Victorino, M.J. Bottino and F. Morelli

The current GOES & MSG INPE fire detection algorithm, INPE (Brazil)

Coffee Break 15:30-15:45 (15 minutes)

**15:45 – 16:45 GWIS & Fire Information Systems (Chair: M. Yebra)**

[10 minute presentations, 2 minutes for questions]

Jesús San-Miguel et al.

GWIS new GEO and EU work programs (European Commission - JRC)

Diane Davies, Otmar Olsina (NASA GSFC), Gred Ederer (NASA GSFC), Asen Radov (NASA GSFC) and Brad Quayle (USFS)

Updates on NASA's Fire Information for Resource Management System (FIRMS) NASA (USA)

Boschetti, Roy, Sparks, San-Miguel

"National and sub-national burned area assessment information for fire activity reporting and carbon inventories from the internet based Global Wildfire Information System (GWIS)" Univ. Idaho (USA)

Duarte Oom

GWIS biomass burning emissions tools, European Commission JRC

**16:45 – 18:00 Future satellite missions and programs (Chair: M. Wooster)**

Josh Johnson, Alan S. Cantin, Colin McFayden, Miriam Micael, Didier Davignon, Dan K. Thompson, Mark de Jong, Morgan Crowley

WildFireSat Operational Mission, Natural Resources (Canada)

Vince Ambrosia et al.

NASA's New Wildland Fire Earth Observation Science & Applications Program Developments NASA (USA)

Peeter Moore & CEOS Wildfire Pilot colleagues

Who is Using What, When and Why? (FAO)

Michael Brady Policies and guidelines for consistent national burned area mapping and estimation by ASEAN member states, CIFOR-ICRAF

Bernardo Mota, Emma Woolliams, Anna Pustogvar and Nigel Fox Quality Assurance of EO-based Fire products

## 18:00 Summary of the first day – Session chairs

19:00 Dinner & End of Day 1

Wednesday October 22<sup>nd</sup>

### 09:00 – 11:30 GOFC/GOLD Regional network activities (Chair: J. San-Miguel)

[10 minute presentations, 2 minutes for questions]

Krishna Vadrevu	GOFC-GOLD RN activities and updates NASA (USA)
Judith Kamoto, Natasha Ribeiro	Spatial Analysis of Forest Fires in Miombo Forest Reserves, Lilongwe Univ.(Malawi)
Gerardo López Saldaña (RedLatiff)	RedLatiff recent activities, Univ. Lisbon (Portugal)
Vince Ambrosia, Diofantos Hadjimitsis, & Ioannis Gitas (MedRIN)	The Mediterranean Regional Information Network (MedRIN), NASA (USA)
Israr Albar	SEARRIN Network, Ministry of Environment and Forestry, (Indonesia)
Adam Leavesley	Advances in the Applications of Remote Sensing Technology to Bushfire Management, ACT Parks and Conservation Service (Australia)
Ilze Pretorius, Wayne Schou, Grant Pearce, Darrin Woods, Shana Gross (New Zealand)	An update on wildfire research in New Zealand
Dimitris Stavrakoudis, Ioannis Z. Gitas	The Greek Observatory of Forest Fires: New developments and future outlook, Univ. Thessaloniki (Greece)
Anja Hoffmann	TBD

11:30 – 11:45 Coffee break (15 minutes)

### 11:45 – 13:00 Scientific developments and product usage cases (including fire danger, fire emissions estimation & fire effects) (Chair: D. Viegas)

Martin Wooster et al. Landscape fire smoke - example air quality and health impact in LMIC countries, Imperial College (UK)

Harjinder Sembhi, Martin Wooster (Kings College London - UK), Tianran Zhang (Kings College London – UK ), Sumit Sharma (TERI – India), Nimish Singh (TERI India), Shivang Agarwal (TERI India), Hartmut Boesch (University of Leicester – UK), Sanjeev Gupta (Imperial College London – UK), Amit Misra (IIT Kanpur-India), Sachi Tripathi (IIT Kanpur -India), Suman Mor (Panjab University, India), Ravindra Khaiwal (PGIMER India)	Are policy-driven timing shifts in crop residue burning worsening air quality in North India?”, Univ. Leicester (UK)
Francesca di Giuseppe and ECMWF fire team	Prediction of lightning ignited fire, ECMWF
Domingos Viegas and Emilio Chuvieco	Outputs from the FirEUrisk project, Univ. Coimbra, Portugal
Marta Yebra	Current developments for mapping Life Fuel Moisture Content to support bushfire management, Australian National University (Australia)
G. Van der Werf, Randerson, Giglio, Chen, Van Wees, Vernooij, Andela, Morton, Hall	GFED5 emissions, Univ. Amsterdam (The Netherlands)

13:00 - 14:30 Lunch break (1 hour 30 minutes)

**14:30 – 16:30 Discussion on GOFC Fire IT and GWIS activities (Chair: E. Chuvieco)**

- Discussion on the role & development of the GOFC Fire IT

15:30-16:00 Coffee Break (30 minutes)

- Discussion of GWIS coordination planned activities, data integration, network roles

**16:30-17:00 Summary of the meeting – announcement/discussion of next meeting (J. San-Miguel, D. Roy, M. Wooster)**

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## List of participants