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

November 15th, 2016 - GOFC-GOLD Fire Implementation Team Meeting
Room Copihue. Chair: C. Justice

9:40 GOFC–GOLD Fire and Meeting Objectives – Chris Justice, (University of Maryland, USA)

10:00 Updates on Suomi-NPP, JPSS and GOES-R Fire Data Products – Ivan Csiszar (NOAA USA)

10:20 Tea/Coffee Break

10:40 M-Band for VIIRS Fire Retrieval – Wilfrid Schroeder (UMD, USA)

11:00 Global Fire Products and Updates – Louis Giglio (University of Maryland, USA)

11:20 ESA Fire-CCI - Burnt Area Product Updates – Emilio Chuvieco (Universidad de Alcalá, Spain)

11:40 Update on European Satellites: Fire Capabilities – Martin Wooster (Kings College London, UK)

12:00-1:20 Lunch

1:20 GCOS LPV Update – Kevin Tansey (University of Leicester, UK)

1:40 UN-REDD Fire-GOFC source book /CEOS LPV updates – Luigi Boschetti (U. of Idaho, USA)

2:00 Fire Research at Canadian Forest Service – Tim Lynham (Canadian Forest Service, Canada)

2:20 AFIS and SAFNET Updates – Philip Frost (CSIR, South Africa)

2:40 REDLATIF (Latin America) Updates – Jesus Anaya (Columbia U) /Alberto Setzer (INPE, Brazil)

3:00 Balkan Network Update - Ionnis Gitas (Aristotle University of Thessaloniki, Greece)

3:20 Tea/Coffee

4:00 SEARRIN Update – Krishna Vadrevu (NASA MSFC, USA)


6:00 Adjourn

Social Dinner
November 16th, 2016 – Global Wildfire Information System (GWIS) Meeting
Room Copihue. Chair: J. San-Miguel-Ayanz

9:40 Overview of the Global Wildfire Information System – Jesus San-Miguel-Ayanz (European Commission JRC (Italy))

- Fire danger calibration/validation with the Canadian service. Test and potential modification of the code for different regions.
- Merge of several fire danger indices.
- Use of the GOFC Fire IT network for evaluation/validation of products and feedback on usability of the system.
- Link to in-situ data collection in the context of Copernicus.
- Link to Robert Field initiative on the weather fire database

10:15 Tea/Coffee Break

10:45 Global Fuel Products (ML Pettinari, Univ. of Alcala, Spain)

- Problem with the spatial resolution? Compare to country (USA models). Include disturbances and update every 5 year product. Still many differences at country level.
- South Africa use the Landsat data and validate this product.
- Fuel could be modular and could be fitted to national/regional level.
- Compare with national/regional products, while the objective remains global or continental.

11:05 Global analysis of vulnerability (Emilio Chuvieco, Univ. of Alcala, Spain)

- Global Vulnerability Layer – Univ. of Alcala
- Fire risk → fire danger + fire vulnerability
- Consider the positive & negative aspects of fires.

11:20 Fire Danger Assessment (Domingos X. Viegas)

- Forest Fire Research, Nov. 2018. Fire lab could be used for testing.
- Connection between satellite passes and field experiments.

11:40 Copernicus Global Burnt Area Mapping (Kevin Tansey)

- How to report the validation “workshop” to discuss with the users of the product.
- Product from S1 coherence data
- Provide the product to the regional partners?

1:10-2:40 Lunch

Potential Contributions of Regional Fire Information Systems to GWIS

Southern Africa (Philip Frost, South Africa)
Australia (Gary Morgan, Australia)
New Zealand (Richard Parker, New Zealand)
Brazil (Alberto Setzer, Brazil)

4:10-4:40 Coffe Break

GOFC Regional Networks (Anja Hoffman, Brazil)
South America, Redlatif (J. Anaya, Colombia)
Redlatif structure and network. www.redlatif.org
Canada (Tim Lynham, Canada)

3:40 Tea/Coffee

4:00 GOFC Regional Networks (Anja Hoffman, Brazil)

4:20 Future activities around the GWIS (all)

5:20 Adjourn