

Way Forward Highlights – RedLaTIF



Gerardo López Saldaña
Assimila (UK)

María Isabel Cruz López
CONABIO (Mexico)

RedLaTIF
Red Latinoamericana
de Teledetección
e Incendios Forestales



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

RedLaTIF – Oncoming years focus

- Cloud-based fire products generation
 - BA mapping algorithm for high-resolution data
 - Landsat 8, Sentinel 2
 - Google Earth Engine semi-automated processing
 - Assessment/validation of generated products
- Beyond BA
 - *fcc* (fire/combustion completeness)
 - Vegetation recovery rate
 - Emissions due to biomass burning
- Training
 - Regional workshops (thank you START!)
 - iPython notebooks
- Diversifications of activities
 - Land Cover – agricultural fires, fuel mapping
 - Forest degradation

RedLaTIF – Stakeholders & audience

- Institutions in charge of fire management
 - Active engagement in Brazil, Mexico, Chile, Bolivia
 - Joint activities with other networks (e.g. GWFN)
 - Protected/conservation areas agencies
- Forest services
 - More than users
 - Fire products validation
 - Fuel moisture field data
- Civil protection
 - Near-real time alerts
 - Emissions early warnings
 - Seasonal
 - Short-range forecast

RedLaTIF – Funding

- UK Space Agency -- International Partnership Programme (IPP)
 - Fire-Smoke-Health-&-Environment (**FISHER**) – 3-year project
 - Fire risk probabilistic early warning system
 - Use of Ensemble Prediction System (EPS)
 - Short & medium range fire risk forecast
 - Emissions alerts
 - Working with SEARRIN in Southeast Asia!
 - ~£1M requested for RedLaTIF partners
 - Focused on tackling specific SDGs
- International network creation call in Chile
 - Led by University of Magallanes
 - RedLaTIF researchers giving a 10-day hands-on workshops and training for local and regional users and stakeholders of EO data products
- COLCIENCIAS in Colombia and CONICYT in Chile

Way Forward Highlights – RedLaTIF

- Way forward: vision for the coming years
 - Ensure the network can get funding such that activities can move forward steadily
 - Conduct research in different countries aimed to incorporate more active members and solve specific environmental issues in Latin America
 - Be a referent in Latin America in terms of capacity building and technology transfer
 - EO data processing
 - Products validation
 - Training and HR development
 - Meeting on 2018 – new coordinator election.