User Requirements Workshop

Date: 28-30th June 2022

Venue: Virtual – over 3 days in the afternoons 3 hour sessions (CEST)

Method: Zoom

Feedback: Menti

**Session 1 Mapping Global Biomass**

**June 28 –15:00 to 17:00 CET**

**Lead: Richard Lucas**

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| **Time** | **Mapping Global Biomass – Emerging Users Requirements**  |
| 15:00-15:10 | Welcome and overview of workshop (Frank Martin Seifert) |
| 15:10-15:20 | Overview of satellite sensors (past, present and future) of relevance to biomass and biomass change (Richard Lucas) |
| 15:20-15:30 | CCI Biomass: Status and future developments for global mapping of aboveground biomass and change. (Oliver Cartus) |
| 15:30-15:40 | Biomass across Australia: current status and future requirements(Peter Scarth) |
| 15:40-15:50 | Biomass estimation across the Tropics(TBC) |
| 15:50-16:00 | Towards continental scale individual tree carbon crops in drylands(Martin Brandt) |
| 16:10-16:20 | Comparison and evaluation of global to regional above-ground biomass products (Heather Kay) |
| 16:20-16:30 | Uncertainty associated with biomass estimation (Ron McRoberts) |
| 16:30-17:00 | Discussion of global biomass maps and overview of status and user requirements(Lead: Richard Lucas) |

**Session 2 Biomass on National Landscapes**

**June 29 – 15:00 to 17:00 CET**

**Lead: Martin Herold**

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| **Time** | **Biomass on National Landscapes : Evolving Needs from Users** |
| 15:00-15:10 | ESA CCI fires: importance for biomass (Clement Albergel) |
| 15:10-15:20 | Evolving needs and guidance for integrating biomass maps in national forest monitoring and GHG inventories (Martin Herold) |
| 15:20-15:30 | Summary of experiences from the CEOS/GFOI/Silvacarbon country workshop (Daniela Requena, Joana Melo) |
| 15:30-15:40 | Country case study: Peru (Natalia Malaga) |
| 15:40-15:50 | Country case study: Russia (Dmitry Schepaschenko) |
| 15:50-16:00 | Country case study: Wales and relevance to the UK (Darren Slevin) |
| 16:00-16:10 | Country case study: Kenya (Heiko Balzter) |
| 16:10-16:15 | Country case study : Rwanda (Martin Brandt) |
| 16:15-16:25 | Country case study : France (Martin Schwartz) |
| 16:25-16:35 | Country case study: Biomass and national greenhouse gas accounting in Australia (Stephen Roxburgh) |
| 16:35-17:00 | Concluding discussions (lead: M. Herold) |

**Session 3: Mapping global biomass change**

**June 30 –15:00 to 17:00 CET**

**Lead: Philippe Ciais**

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| **Time** | **Mapping global biomass change – Requirements and Climate Users** |
| 15:00-15:10 | Monitoring Changes of Global Forest Biomass Carbon: Linking Science to Policy to Market (Sassan Saatchi) |
| 15:10-15:20 | Australia’ s requirements for information on biomass change (TBC) |
| 15:20-15:30 | Biomass change from L-band VOD : Evidence for large carbon sinks in northern young forest over the last decade (Hui Yang) |
| 15:30-15:40 | Changes in biomass over the last 20 years (Nancy Harris) |
| 15:40-15:45 | **Online interactive poll on biomass change datasets requirements** |
| 15:45-15:55 | Change impacts and pressures - evidence needs (Richard Lucas) |
| 15:55-16:05 | BIOMASCAT 30 years of radar reconstruction of biomass change (Nuno Carvaillhais) |
| 16:05-16:15 | Status and challenges for forest biomass change monitoring from Earth observation (Heiko Baltzer) |
| 16:15-16:25 | Biomass change : secondary forest sinks from satellite data (Yidi Xu) |
| 16:25-16:35 | Evaluation of biomass change using ground data (Arnan Araza) |
| 16:35-17:00 | Concluding discussions (Lead: Philippe Ciais) |