COST Action

Workshop "Trends in time-series analysis of remotely sensed vegetation productivity"

Working Group 2 - Closing the temporal gap: from daily observations to seasonal trends

<u>12 April – 14 April 2022</u>

Location: <u>Teaching Facilities</u>, School of Agriculture, University of Lisbon. At the School of Agriculture, we will put signs to indicate the path to the Teaching Facilities.

1st day – Tuesday, April 12

13:00 – 13:30 Opening workshop and introduction SENSECO WG2 (room S3)

Time-series analysis methods and applications presentations (room A2)

- 14:00 – 14:10 Presentation speech
- <u>14:10 – 14:30 Kooistra, Lammert (WUR, The Netherlands)</u> - Monitoring Individual Tree Phenology in a Multi-Specie Forest using High Resolution UAV Images
- <u>14:30 – 14:50 Jochem Verelst (UV, IPL, Spain)</u> - Time series gap-filling and phenology metrics estimation in cloud-computing platforms
- <u>14:50 – 15:10 Offer Rozenstein (Volcani Institute, Israel)</u> - Generating Up-to-Date Crop Maps Optimized for Sentinel-2 Imagery in Israel
- <u>15:10 – 15:30 Jean-Louis Roujean (CESBIO, France)</u> - Time series of surface albedo at high spatial resolution merging Sentinel-2 and Sentinel-3 observations

  15:30 – 16:00 coffee break

- 16:00 – 16:20 <u>Dessislava Ganeva (SRTI-BAS, Bulgaria)</u> - Monitoring barley phenology with phenocam
- 16:20 – 16:40 <u>Lukas Graf (ETH, Switzerland)</u> - Propagating Sentinel-2 TOA Radiometric Uncertainty into Land Surface Phenology Metrics Using Monte Carlo
- 16:40 – 17:00 <u>Enrico Tomelleri (UNIBZ, Italy)</u> - Insigths about data curation and time series analysis from the Italian TreeTalker Network
- 17:00 – 17:20 <u>Cláudio Silva (CEF, ISA, ULisboa, Portugal)</u> - Seasonal trends of the herbaceous layer of a Mediterranean oak woodland retrieved from in-situ and satellite observations

Afternoon-evening: drinks/dinner

2ⁿᵈ day – Wednesday, April 13

9:00 – 10:00 Status Intercomparison study and Review paper (room S3)

10:00 – 10:30 Parallel working sessions: Intercomparison study (5 participants, room S3) and Review paper (10 participants, room A2)

10:30 – 11:00 Coffee break

      (Continuation)
11:00 – 12:30 Parallel working sessions: Intercomparison study (5 participants, room S3) and Review paper (10 participants, room A2)

12:30 – 14:00 Lunch

16:00 – 18:00 Wrap-up working sessions: work still to be done (room A2)
16:00 – 18:00 Practical working session (TIMESAT and DATimeS) (Speakers: Zhangzhang Cai and Santiago Belda) (room S3)

Evening: networking dinner (the restaurant will be chosen by the organization)

3ʳᵈ day – Thursday, April 14

9:00 - 10:30 Finish up parallel session Intercomparison study (5 participants) and Review paper (10 participants) (room A2 and S3)

10:30 – 11:00 Coffee break

11:00 - 12:30 Senseco WG2: What next? (room A2 or S3)