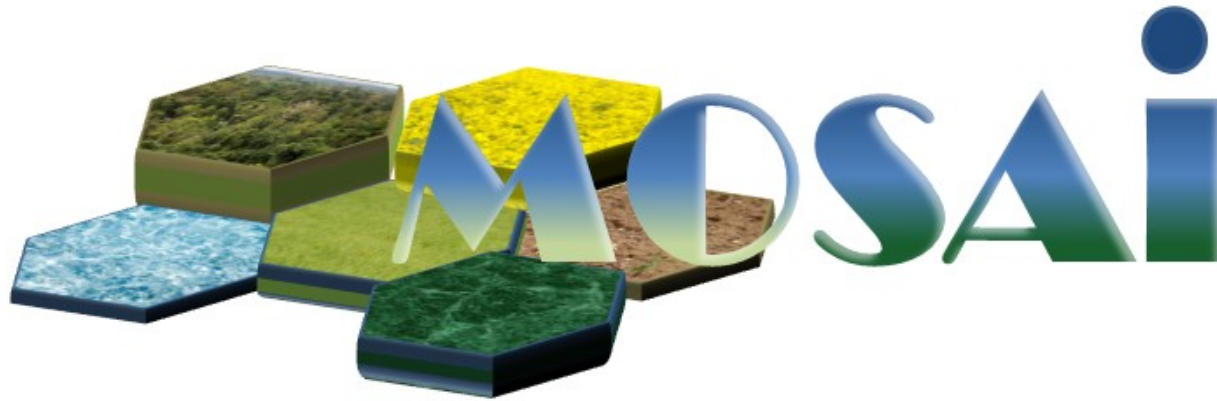
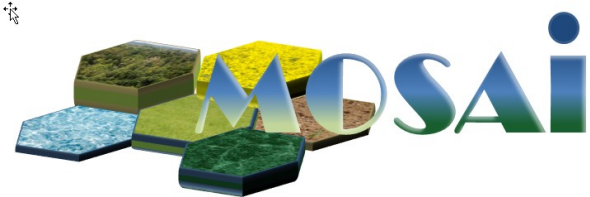


MOSAI workshop 2024



MOSAI Workshop - 11-13 June 2024 – CIC Météo-France



Program

Tuesday

14h15 – 16h15 **Obs-Models Comparison**

Nathaniel – CLASP

17h30 – 18h45 **Atelier**

Wednesday

9h – 11h **Instrumentation – first data**

11h30 – 13h **Atelier**

14h30 – 16h30 **Modelling**

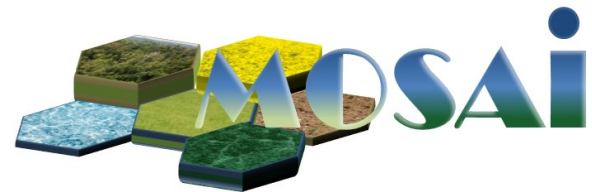
17h – 18h30 **Atelier**

Thursday

8h30 – 11h **EOP-SOP analyses**

11h30 – 13h **EOP-SOP analyses**

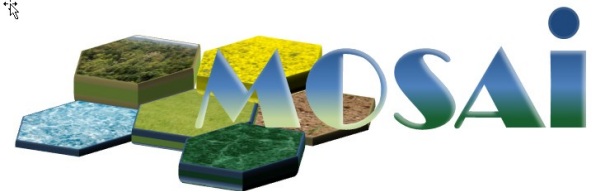
14h30 – 15h30 **Final Discussion**



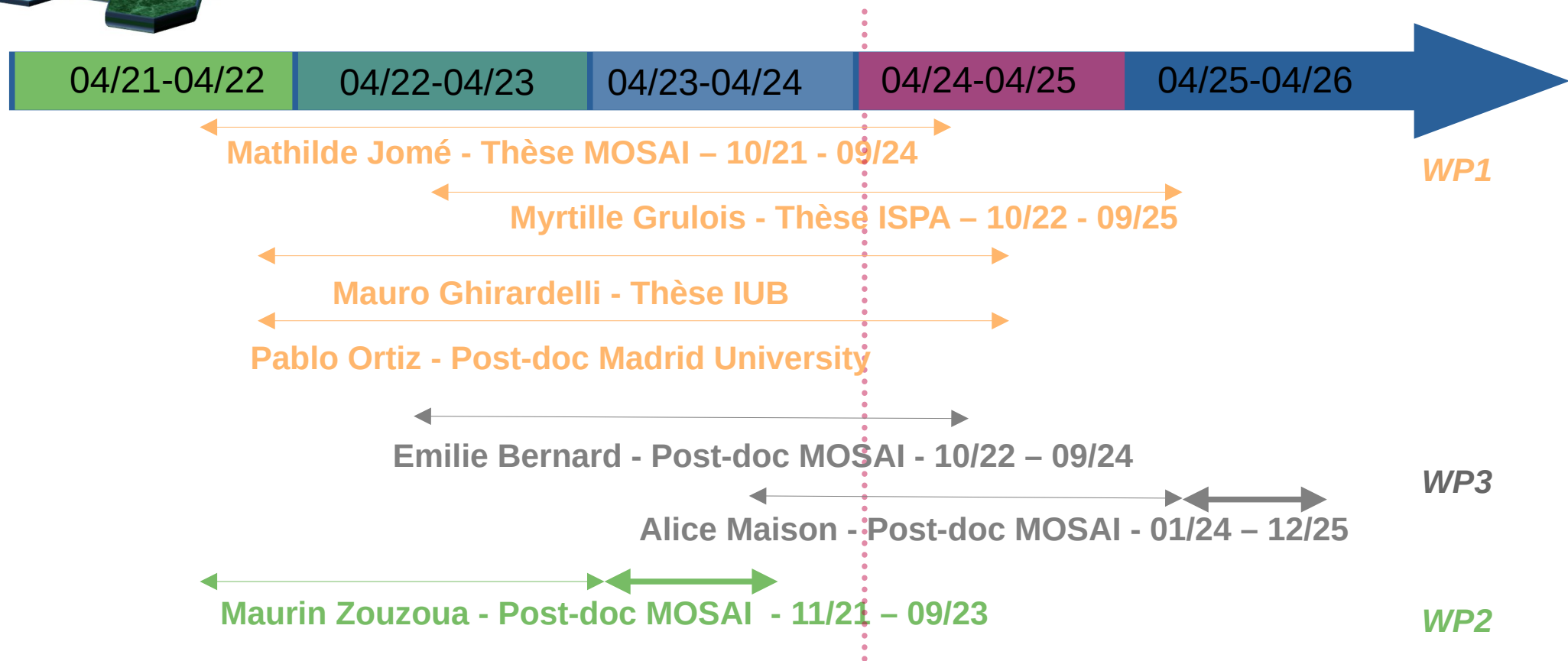
Program

Some ideas for the Atelier :

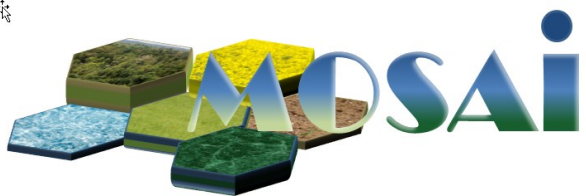
- 1- MOSAI golden day
- 2- General paper
- 3- Data paper
- 4- Processing data and data base
- 5- ...



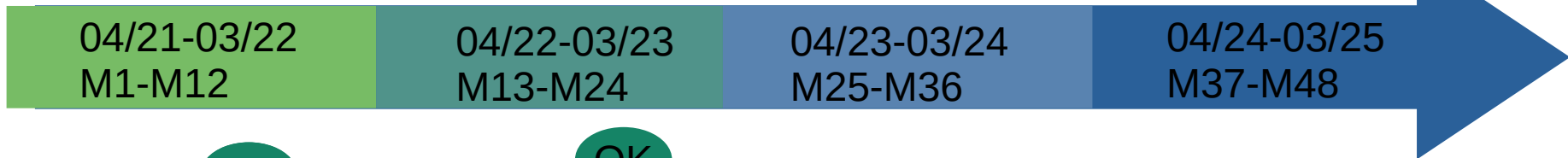
The young team



Internship : Alexander (IUB), Frédéric (SIRTA), Alexandre (LAERO), Jacob (IGE), Audrey (LATMOS)...



Field campaign MOSAI & LIAISE



OK

04/21-03/22
M1-M12

Météopole
06/20 – 06/21
M-10–M2
Mathilde

OK

SIRTA
02/22 – 10/22
M10-M20
Frédéric

OK

P20A
04/23 – 04/24
M25–M37
Atelier
&
Scientific session

OK

CAMPAGNE LIAISE

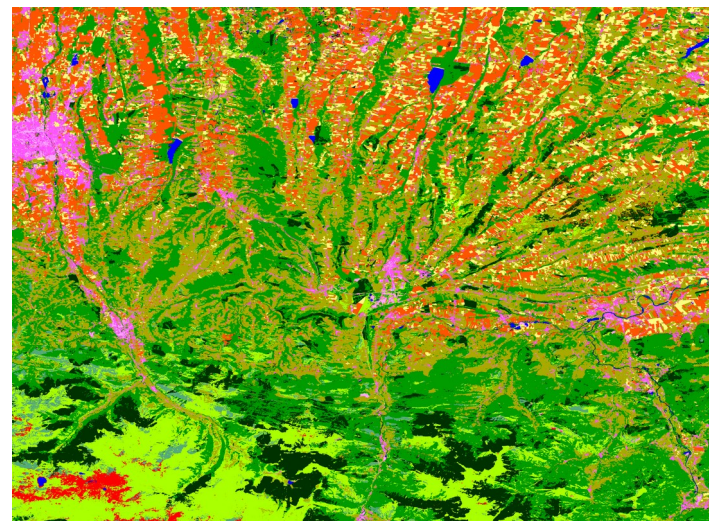
07/21

In progress

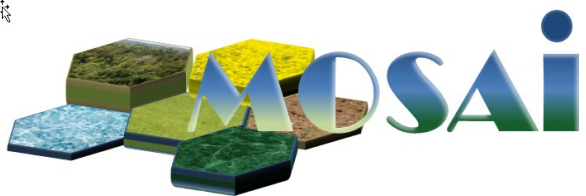
Intercomparison campaign

04/24 – 07/24
M37-M39

Atelier



-use CESBIO 50 km



Campagnes de mesure MOSAI & LIAISE

04/21-03/22
M1-M12

04/22-03/23
M13-M24

04/23-03/24
M25-M26

04/24-03/25
M27-M48

OK

Météop
06/20 – 06
M-10–M
Mathild

Many many Thanks to
4M/CNRM, ISPA, Bergen university, Cadiz University,
IGE, CESBIO, CRA/LAERO

and to all who came to help during the SOP

CAMPAGNE LIAISE

OK

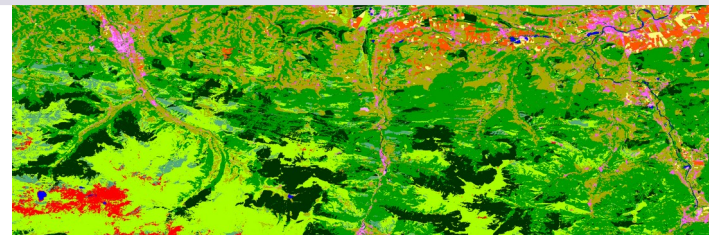
07/21

Intercomparison campaign

In progress

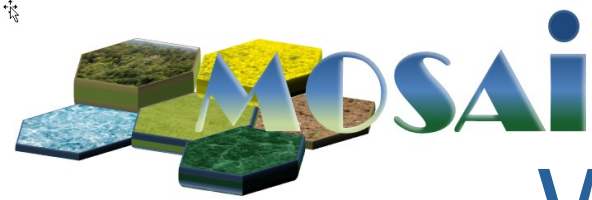
04/24 – 07/24
M37-M39

Atelier



-use CESBIO 50 km

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Web Site and Data Base

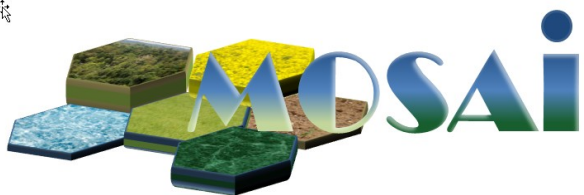
- **Last news**

Data Base EOP Meteopole ⇒ complete

Data Base EOP SIRTA ⇒ complete

Data Base EOP P2OA ⇒ in progress

Quick-Look Base of the SOP1, SOP2 and SOP3 at P2OA ⇒ complete



Communication

Coming MOSAI general presentations

- GEWEX conference – July 2024
- EMS Invited talk – September 2024



[DATABASE](#) [DOCUMENTS](#) [OBSERVATIONS](#) [MODEL EVALUATION METHODS](#) [MODELLING ACTIVITIES](#)

CONFERENCES

2021

[Workshop ANR 2021 - présentation du projet MOSAI - F. Lohou](#) [Download](#)

36th Session of the Working Group on Numerical Experimentation

[Ongoing efforts in the French NWP/climate modelling community - Romain ROEHRIG](#) [Download](#)

2022

EGU

[MOSAI Presentation-EGU2022 - F.Lohou](#) [Download](#)

[Using Artificial Neural Network to estimate surface convective fluxes - Mathilde Jorin](#) [Download](#)

[Analysis of the land cover impact on boundary layer heights from WRF and BLLAST data - Carlos Roman-Cascon](#) [Download](#)

EMS

[USING ARTIFICIAL NEURAL NETWORK TO BETTER EVALUATE SURFACE TURBULENT HEAT FLUXES IN WEATHER AND CLIMATE NUMERICAL MODELS](#)

[Maurin ZOUZOUA](#) [Download](#)

[Measurement and evaluation of the soil thermal parameters on the surface energy balance in an agricultural plot - Aurore BRUT](#) [Download](#)

2023

GEWEX

[MOSAI Presentation-GEWEX-LIAISE_202303_vf](#) [Download](#)

[How to evaluate the representativity of reference long-term surface flux measurements in an heterogeneous landscape? - Mathilde Jorin](#)

Scientific results presentations

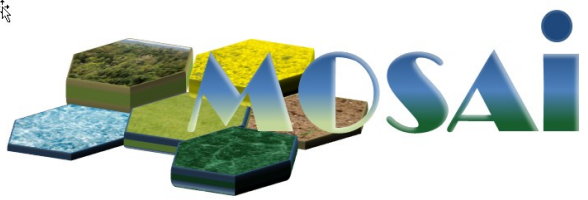
Could you send me the presentation materials (slides or poster) you have to disseminate them on the web site ?

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Practical information

- **Wednesday and Thursday Lunches at météofrance canteen. No special room for us.**
- **Wednesday diner at « L'emulasson nautique », Allée Alfred Mayssonnié, Ile du Ramier, 31400, Toulouse (8 pm)**
- **!! start at 8h30 on Thursday ...**



And now the floor to the
science ...