Program for the Governance committee of ALTOS
Visioconference : Lebanon, Tunisia, Morocco, Spain, Italy

April 20th and 21st, 2020

Planned schedule
- Overview : 30 minutes
- Discussion on WP contents: 60 minutes per WP --> 6 hours for 6 WPs. Large for buffering.
- Deliverables and milestones: 1 hour.

Overall: 7.5 hours over two days (split in two days since visio-conferencing induces difficult conditions)
- 3.5 hours on 1st day / 4 hours on 2nd day.
- with additional time for breaks
- --> we start on Monday, 20 @ 13:30 and finish on Tuesday, 21 @ 15:30

Times are given in UTC/GMT +2 hours (Europe). I choose a trade-off between Morocco - Tunisia (UTC/GMT +1 hour) and Lebanon (UTC/GMT +3 hours).

Part 1/3: Meeting and project overview (30 minutes)	Monday 20, 13:30 - 14:00
Meeting presentation and schedule (F. Jacob)	
Project overview (F. Jacob) • Societal challenges, overall and specific objectives • Methodological challenges, available assets • Experimental and methodological strategies • Results dissemination and exploitation • Activity structuration (WPs overview) • Deliverables & Milestones (to be revisited due to credit diminution) • Governance structure	

Part 2/3: Discussion on WP activities and contents (6 hours at large for buffering)

For each WP and related tasks, discussions are related to concrete activities beyond main guidelines provided into the project proposal.
• This includes
    o experiments, databases, models;
    o contract staffs, partnerships;
    o work trips, calendar;
    o links with other projects.
• For these items, we have to discuss about eases, difficulties and backups.
• Expected outputs --> roadmap to be conducted by each task leader.
 	
• Below are the different WP and related tasks (task leaders are recalled), along with topics to be addressed within each task, and the involved partners for each of these topics.
 	
• On the basis of the partner involvement reported below, each partner is kindly invited to prepare materials for the discussions (what is planned, what is available). PPT slides are fine, to be shared via the visio-conferencing system.

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WP1 : characterizing spatial structures (60')	Monday 20, 14:00 - 15:00
Task 1.1 : object geometries and landscape structure [leader: IRTA]	
Canopy	UCAM, CESBIO, IRTA
Aquifer	CERTE, UNICA
Soil	CERTE, UNICA, LARI
Infiltrability	INAT, LISAH, CESBIO
Climate	INAT, INRGREF, SUPCOM, LISAH [HSM], CESBIO, UNICA
Task 1.2 : landscape featuring [leader: LARI]	
Reservoirs	LISAH, LARI, CNRS-L
Land use	INAT, INRGREF, LISAH, UCAM, CESBIO, LARI
Crop biomass	SUPCOM, INRGREF
Chemical treatments	INAT, LISAH
Hydrological connectivities	INRGREF, LISAH, IRTA, UNICA
Break - Monday 20, 15:00 - 15:30	
WP2 : Monitoring fluxes and storages (60')	Monday 20, 15:30 - 16:30
Task 2.1 : water and chemical fluxes [leader: CERTE]	
Evapotranspiration, soil moisture and crop growth	INRGREF, SUPCOM, CESBIO, LISAH, UCAM, UNICA, IRTA
Surface and subsurface water transfer	CERTE, LISAH, CNRS-L, UCAM, CESBIO, UNICA
Chemical pollutants: fluxes and retention	INAT, LISAH, CNRS-L
Task 2.2 : spatial heterogeneities [leader: CESBIO]	
Canopy scale (multi-strata, drip irrigation)	INAT, CESBIO, UNICA, IRTA
Landscape scale (soil, topography, canopies)	INRGREF, SUPCOM, CESBIO, LISAH, UCAM, UNICA, IRTA.
WP3 : Modelling fluxes and storages (60')	Monday 20, 16:30 - 17:30
Task 3.1: modelling individual processes [leader: UNICA].	
Water fluxes within heterogeneous rooting systems or under drip-irrigated orchards	INAT, CESBIO, UNICA, IRTA
Evapotranspiration	INRGREF, INAT, LISAH, UCAM, CESBIO, UNICA, IRTA
Dam - aquifer exchanges	CERTE, LISAH, UNICA
Task 3.2: modelling combined processes [leader: INAT].	
Coupling distributed hydrology & crop growth modelling.	CESBIO, LISAH, INRGREF
Semi-distributed hydrology along with subsurface hydraulic redistribution.	INAT, UNICA
Integrated hydrological modelling and climate forcing.	UCAM, CESBIO, UNICA

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WP4 : Simulating fluxes and storages for structure modulations (60')	Tuesday 21, 09:30 - 10:30

Task 4.1: setting up scenarios [leader: UCAM].	
Listing of existing scenarios (realistic about land use & irrigation conversion)	All partners except IRTA and UNICA
Designing exploratory scenarios about reservoir geometry & density	
Designing new scenarios (realistic about chemical treatments, benches, land use and irrigation)	
Mixing basic scenarios	

Task 3.2: impact assessment and scenario ranking [leader: INRGREF].	
Selection of integrated modelling schemes	All partners except IRTA and UNICA
Simulations on the basis of scenarios	
Indicator design and production	
Scenarios ranking with decision makers	

Task 4.3: comparing irrigated and rainfed agrosystems [leader: LISAH].	
Cross analysis on vulnerabilities	All partners except IRTA and UNICA
Production and comparison of simulation-based indicators at different spatial scales	

WP5 : Pooling, dissemination and exploitation (60')	Tuesday 21, 10:30 - 11:30

Task 5.1: sharing of data and methods [leader: CNRS-L]	
Cluster based infrastructure for online-based sharing	All partners
Sharing through modelling workshops.	
Mobility-based sharing.	

Task 5.2: dissemination and exploitation of project results [leader: INRGREF].	
Knowledge management strategy • Data management plan • Delivery of aggregated data • Training on data processing methods • Training on modelling tools • Training on integrated modelling tools • Technical reports on management method • Policy briefs on vulnerabilities	All partners

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Break - Tuesday 21, 11:30 - 12:00	
WP6 : Coordination, management and communication (60')	**Tuesday 21, 12:00 - 13:00**

Task 6.1: Coordination and Management [Leader: LISAH].	
GA and CA - cost reduction	
Relation with PRIMA office - commitment letter	
Project manager recruitment	Overview by Fred Jacob.
KOM and governance committee	
PRIMA web-based system	
Mid-term and final reports	

Task 6.2: Communication [Leader: LISAH].	
Internal communication	
Communication plan [IRD services]	Overview by Fred Jacob.
Project web site (public / private parts)	

Break - Tuesday 21, 13:00 - 14:00	
Part 3/3: Discussion on milestones and deliverables (60')	**Tuesday 21, 14:00 - 15:00**

We have to discuss the reduction of milestones and deliverables on the basis of grant cuts by funding bodies.

Annex provides listing for grant cuts, deliverable and milestone calendars

Annexes.

Annex 1 : grant cuts.		
France - IRD / CESBIO	Done - no reduction - GA received	Granted
France - IRD / LISAH	Done - no reduction - GA received	Granted
Italy - UNICA	Done - no reduction - no GA	Granted
Spain - IRTA	Done - 15% reduction - GA received	Granted in 12/2019
Morocco - UCA	Done - 25% reduction - GA received	Granted in 12/2019
Tunisia - CERTE	Done - 20% reduction - GA received	Granted
Tunisia - INAT		
Tunisia - INRGREF		
Tunisia - SupCom		
Lebanon - LARI	Done - strong reduction - GA received	Granted but crisis
Lebanon - CNRS-L	GA requested	Not Yet Granted

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Annex 2 : deliverable listing to be reduced.
WP1
• D1.1.1 [Task 1.1]: dataset @ Month 15 → to be included into project clustered database (WP5). • D1.1.2 [Task 1.1]: 2 submitted publications for methodological innovations @ Month 21. • D1.2.1 [Task 1.2]: dataset @ Month 15→ to be included into project clustered database (WP5). • D1.2.2 [Task 1.2]: 2 submitted publications for methodological innovations @ Month 21.
WP2
• D2.1.1 [Task 2.1]: dataset @ Month 15 → to be included into project clustered database (WP5). • D2.1.2 [Task 2.1]: 2 submitted publications about data analysis @ Month 21. • D2.2.1 [Task 2.2]: dataset @ Month 15→ to be included into project clustered database (WP5). • D2.2.2 [Task 2.2]: 2 submitted publications about data analysis @ Month 21.
WP3
• D3.1.1 [Task 3.1]: report on successes and progression margins for new parameterizations and calibration procedures @ Month 15, to be shared within modelling workshops in WP5 @ Month 18. • D3.1.2 [Task 3.1]: 2 submitted publications for methodological developments of individual process modelling @ Month 27. • D3.2.1 [Task 3.2]: report on modelling improvements via comparison exercises for integrated modelling schemes @ Month 33, to be shared within modelling workshops in WP5 @ Month 36. • D3.2.2 [Task 3.2]: 2 submitted publications for methodological developments of integrated process modelling @ Month 36.
WP4
• D4.1.1 [Task 4.1]: four new scenarios of structure modulation in the form of numerical representations @ Month 24 → to be included into project clustered database (WP5). • D4.2.1 [Task 4.2]: scenario ranking from participative seminars on the basis of simulation-based indicators, in the form of report @ Month 33 → to be included into project website and disseminated to stakeholders (WP5). • D4.2.2 [Task 4.2]: 2 submitted publications about scenario design / analysis / ranking from simulation-based indicators @ Month 36. • D4.3.1 [Task 4.3]: comparative analysis of irrigated and rainfed agrosystems in the form of report @ Month 33 → to be included into project website and disseminated to stakeholders (WP5).

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WP5

- D5.1.1 [Task 5.1]: metadata and metamodels are available on ALTOS project web site @ Month 6, 18, 33.
- D5.1.2 [Task 5.1]: organisation of modelling workshops @ Month 2, 18, 36.
- D5.2.1 [Task 5.2]: knowledge management strategy along with data management plan in the form of report @ Month 6, 18, 36.
- D5.2.2 [Task 5.2]: technical reports for managers, based on the conclusions of the participative seminar (TK 4.2, 1 per study site) @ Month 33.
- D5.2.3 [Task 5.2]: policy brief on vulnerabilities and adaptabilities of irrigated and rainfed systems @ Month 35.

WP6

- D6.1.1 [Task 6.1]: PRIMA-IS mid-term report @ Month 18.
- D6.1.2 [Task 6.1]: PRIMA-IS final report @ Month 36.
- D6.2.1 [Task 6.2]: ALTOS communication plan @ Month 3.
- D6.2.2 [Task 6.2]: ALTOS website online @ Month 4, updated on a monthly basis.

Annex 3 : milestone listing to be discussed.

WP1

- MS1: update of clustered database with collected data from monitoring systems. This milestone is associated with a presentation included in the agenda of the management board meeting @ Month 18, to review and validate the available data and their quality. If needed the project workplan will be reoriented accordingly.

WP2

- MS2: update of databases with collected data from monitoring systems. This milestone is associated with a presentation included in the agenda of the management board meeting @ Month 18, to review and validate the available data and their quality. If needed the project workplan will be reoriented accordingly.

WP3

- MS3: improved versions of integrated modelling schemes are available for being used in WP4 @ Month 24. A risk-mitigation measure is setup, please refer to table 3.2b - penultimate item.

WP4

- MS4.1: four participative seminars about scenario design (one per study sites) @ Month 22.
- MS4.2: four participative seminars about scenario ranking (one per study sites) @ Month 31.
- MS4.3: update of clustered database with reports on scenario design, scenario ranking and comparative analysis of irrigated / rainfed agrosystems @ Month 35.

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WP5
• MS5.1: mobility plan for ALTOS partners @ Month 4.   • MS5.2: availability of data for resource managers @ Month 24.   • MS5.3: availability of materials for training sessions @ Month 18 and 30.
WP6
• MS6.1: ALTOS kick-off meeting in Tunisia @ Month 2.   • MS6.2: Monitoring Board meetings @ Month 2, 6, 12, 18, 24, 30, 36.   • MS6.3: Final conference in Italy @ Month 36.

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		List of deliverables and milestones across WP1 to WP6			
Month	Item	Topic	WP	Lead	Remarks
3	MS6.2	Monitoring board meetings (1/7)	6	MB	Meeting minutes
2	D5.1.2	Modelling workshops (1/3)	5	CNRS-L	R / CO
2	MS6.1	Kick off meeting	6	MB	KOM minutes
3	**D6.2.1**	**Communication plan**	**6**	**LISAH**	**R / CO**
4	D6.2.2	Project web site	6	LISAH	DEC / PU
6	D5.1.1	Metadata and metamodels (1/3)	5	CNRS-L	DEC / PU
6	**D5.2.1**	**Knowledge management strategy including a data management plan to be updated (1/3)**	**5**	**INRGREF**	**R / CO**
6	MS6.2	Monitoring board meetings (2/7)	6	MB	Meeting minutes
6	**MS5.1**	**Mobility plan**	**5**	**MB**	**Plan validated by the monitoring board**
12	MS6.2	Monitoring board meetings (3/7)	6	MB	Meeting minutes
15	D1.1.1	Dataset from Task 1.1	1	IRTA	OTHER / CO
15	D1.2.1	Dataset from Task 1.2	1	LARI	OTHER / CO
15	D2.1.1	Dataset from Task 2.1	2	CERTE	OTHER / CO
15	D2.2.1	Dataset from Task 2.2	2	CESBIO	OTHER / CO
15	D3.1.1	Modeling progresses	3	UNICA	R / CO
18	D5.1.1	Metadata and metamodels (2/3)	5	CNRS-L	DEC / PU
18	D5.1.2	Modelling workshops (2/3)	5	CNRS-L	R / CO
18	D5.2.1	Knowledge management strategy including a data management plan to be updated (2/3)	5	INRGREF	R / CO
18	D6.1.1	Mid-term report	6	LISAH	R / CO
18	MS6.2	Monitoring board meetings (4/7)	6	MB	Meeting minutes
18	MS1	Database update	1	MB	Data available and validated by the MB.
18	MS2	Database update	2	MB	Data available and validated by the MB.
18	MS5.3	Materials for training sessions (1/2)	5	MB	Material repository available for trainers
21	D1.1.2	Submitted publications	1	IRTA	R / PU
21	D1.2.2	Submitted publications	1	LARI	R / PU
21	D2.1.2	Submitted publications	2	CERTE	R / PU
21	D2.2.2	Submitted publications	2	CESBIO	R / PU
22	MS4.1	4 participative seminars on scenario design	4	MB	Seminar reports
24	D4.1.1	Designed scenarios	4	UCAM	DEM / CO

24	MS6.2	Monitoring board meetings (5/7)	6	MB	Meeting minutes
24	MS3	Improved modelling schemes	3	MB	Models assessed and validated
24	MS5.2	Data for resource managers	5	MB	Data repository available for managers
27	D3.1.2	Submitted publications	3	UNICA	R / PU
30	MS6.2	Monitoring board meetings (6/7)	6	MB	Meeting minutes
30	MS5.3	Materials for training sessions (2/2)	5	MB	Material repository available for trainers
31	MS4.2	4 participative seminars on scenario ranking	4	MB	Seminar reports
33	D5.1.1	Metadata and metamodels (3/3)	5	CNRS-L	DEC / PU
33	D3.2.1	Integrated modelling improvement	3	INAT	R / CO
33	D4.2.1	Scenario ranking	4	INRGREF	R / PU
33	D4.3.1	Agrosystem comparison	4	LISAH	R / PU
33	D5.2.2	Technical reports for managers	5	INRGREF	R / PU
35	D5.2.3	Policy brief on adaptabilities	5	INRGREF	R / PU
35	MS4.3	Database update	4	MB	Reports
36	D5.1.2	Modelling workshops (2/3)	5	CNRS-L	R / CO
36	D5.2.1	Knowledge management strategy including a data management plan to be updated (3/3)	5	INRGREF	R / CO
36	D3.2.2	Submitted publications	3	INAT	R / PU
36	D4.2.2	Submitted publications	4	INRGREF	R / PU
36	D6.1.2	Final report	6	LISAH	R / CO
36	MS6.2	Monitoring board meetings (7/7)	6	MB	Meeting minutes
36	MS6.3	Final conference	6	MB	Conference reports