



## **FLUXPYR**

**SECOND MEETING, TOULOUSE 3-4 June 2010**

### **PRELIMINARY PROGRAMME**

#### **Thursday 3<sup>rd</sup> of June**

**8.45 - 9.15: Reception / coffee.**

9.15: Welcome / Introduction, **Maria-Teresa Sebastià & Eric Ceschia** – Main Room.

9.30 - 13.00: Parallel session by administrative Staff – Room to be announced.

Scientific session I: Links with education and transfer activities. Moderator: **M. Teresa Sebastià.**

9.30 - 10.00: Invited lecture.

**Thibault Merz (Région Midi-Pyrénées):** Présentation de l'Observatoire Pyrénéen du Changement Climatique.

10.00 - 10.20: **Laurent Lelli (ENFA):** Présentation de la méthodologie développée pour la création d'un répertoire des acteurs locaux concernés par le changement climatique (Licence professionnelle Gestion et Animation des Espaces Montagnards et Pastoraux, Université Toulouse Mirail).

10.20 - 10.40: **Patrick Mordelet (CESBIO):** Snow cover and regional C stocks – Projects from the Master Aménagement du Territoire et Télédétection.

Scientific session II: Coarse scale studies. Moderator: **Agustín Lobo.**

10.40 - 11.00: **Philippe Maisongrande (CESBIO):** Cartographie de l'enneigement sur 10 ans sur le massif des Pyrénées.

**11.00 - 11.30: Coffee break.**

11.30 - 11.50: **Jean Marc Antoine (GEODE):** Dynamiques hydroclimatiques et bioclimatiques historiques et actuelles sur le versant nord des Pyrénées.

11.50 - 12.10: **Pere Esteban (CENMA):** Annual and seasonal analysis of temperature and precipitation in Andorra (1934-2008): quality check, homogenization and recent trends.

12.10 - 12.30: **Jean François Dejoux, Olivier Hagolle, Frédéric Baup, Claire Marais-Sicre (CESBIO):** Introduction to the OSR methodology, remote sensing data and tools available for the OSR Zone (SPOT/Formosat/landsat/Envisat, TerasarX, etc.) and for the whole massif of the Pyrenees (LANDSAT/SPOT vegetation).



12.30 - 12.50: **Danielle Ducrot, Frédéric Baup, Valérie Demarez (CESBIO)**: Products available for the OSR zone (land use, soil preparation, LAI and soil humidity maps).

12.50 - 13.10: **Agustín Lobo (CSIC)**: Low-height imagery from a mini-UAV: experiences within the FluxPyr context

**13.10 - 14.30: Lunch – On-site catering.**

Scientific session II (cont.). Moderator: **Laurent Lelli**.

14.30 - 15.00: Invited lecture.

**Servane Tarot (APEM)**: EasySDI: A tool for building territorial observatories.

15.00 - 15.20: **Paula Fortuny (IG)**: FLUXPYR activities at the Institute of Geomatics.

FLUXPYR activities - Main Room.

15.20 - 15.40: **Fabrice Gouriveau (CTFC)**: Presentation of the FLUXPYR webpage and discussion.

15.40 - 16.00: **Fabrice Gouriveau (CTFC)**: Tool for managing the FLUXPYR project: Presentation of the Dotproject (Freeware) and discussion.

**16.00 - 18.00: Parallel Meetings for Working Groups.**

Discussion topics: Objectives reached (fulfillment of the indicators), plans for coming weeks and months, coordination of the actions between work packages, possibilities of collaboration with other groups/projects; communication plan, etc.

**18.00: Closure of the first day.**

**18.15 - 19.15: Meeting between the members of the Management Committee.**

**20.00: Diner (On a boat - organized by CESBIO)**. Meeting point: 4 Boulevard de Bonrepos, in the centre of Toulouse.

## **Friday 4<sup>th</sup> of June**

**8.45: Reception / coffee.**

Scientific session III: Ecosystem studies. Moderator: **Eric Ceschia**.

9.00 - 9.30: Invited lecture.

**Katja Klumpp (INRA)**: Carbon fluxes over grasslands.



9.30 - 09.50: **Pierre Béziat, Éric Ceschia (CESBIO), Frédérique Said (LA)**: Eddy covariance networks and flux measurements.

09.50 - 10.10: **Valérie Le Dantec, Patrick Mordelet (CESBIO)**: Soil respiration.

10.10 - 10.30: **Nathalie Jarosz, Nicolas Pimienta (CESBIO)**: Mechanical modelling of fluxes at the plot scale / modélisation mécaniste des flux à l'échelle parcellaire.

10.30 - 10.50: **David Pino (UPC)**: Role of boundary layer processes on the mixed layer CO<sub>2</sub>-budget.

**10.50 - 11.30: Coffee break.**

11.30 - 11.50: **Valérie Demarez, Martin Claverie (CESBIO)**: Modélisation spatialisée des flux et de la production agricole à l'aide du modèle SAFY.

11.50 - 12.10: **Aurore Brut, Pierre-Adrien Solignac, Vincent Rivalland, Benoit Coudert (CESBIO)**: Mesure par scintillométrie et modélisation spatialisée des flux de chaleur latente et sensible (modèles ICARE et SETHYS).

12.10 - 12.30: **Rosa-Maria Canals, Leticia Sanemeterio (UPNA)**: Mechanistic studies of soil nitrogen flows in the FLUXPYR context: plans for the future.

12.30 - 12.50: **Thierry Lamaze (CESBIO)**: Cycle de l'azote dans les écosystèmes Pyrénéens d'altitude.

12.50 - 13.10: **Benjamin Komac, Concepción López-Alados (IPE)**: Grassland management and vegetation structure.

**13.10 - 14.30: Lunch – On-site Catering.**

**14.30 - 17.00: Reports of Parallel Meetings for Working Groups:**

14.30 - 15.00: Report of WG 3a.

15.00 - 15.30: Report of WG 3b.

15.30 - 16.00: Report of WG 4.

16.00 - 16.30: Report of WG 5.

16.30 - 17.00: Networking activities (WP2) and general discussion of WGs.

**17.00 - 17.15: Conclusions for the two days / Closure of the Meeting (Maria-Teresa Sebastià).**

*Duration of the presentations:*

Invited lectures: 20 min + 10 min questions/discussion

Other presentations: 15 min + 5 min questions/discussion)



**VENUE:** CESBIO, 13 av. du Colonel Roche, bpi 2801, 31401 Toulouse cedex 9, France.

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**Registered attendants:** 67 on Thursday 3<sup>rd</sup>, 45 on Friday 4<sup>th</sup>.