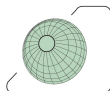


## Action ES0903: Spectral Sampling Tools for Vegetation Biophysical Parameters and Flux Measurements in Europe



ESSEM



## Newsletter 1 – July/2010



Figure 1: spectral measurements in an Eddy Covariance site.

### Action objectives:

The main objective of the Action is to develop common protocols and new instruments within a larger European network for optical measurements, bringing together scientists and industries in order to increase the reliability, value and cost-efficiency of the existing spectral observations within the European flux network. The Action will focus entirely on the optical sampling strategies, which can be considered a fundamental tool in monitoring Biophysical Parameters (BP) and which act as a "bridge" between the flux tower and the remote sensing community.

Visit our WEB SITE!

<http://cost-es0903.fem-environment.eu/>

### COST - ESSEM Annual Progress Conference

The ESSEM Annual Progress Conference took place in Reykjavik on June 30th – July 2nd 2010. Loris Vescovo, Chair, Carine Petit, Science Officer and Stayko Kolev, Rapporteur, presented the current status and the progress of Action ES0903.

### STSM – Applications are open

STSMs aim at strengthening the existing COST Actions by allowing scientists to go to an institution or laboratory in another COST country to foster collaboration, to learn a new technique or to take measurements using new instruments or methods. Applications for a STSM within Action ES0903 are now open, please circulate the info amongst your colleagues.

Info: <http://cost-es0903.fem-environment.eu/es0903-stsms-call/>

### Reciprocal Agreement - Argentina

In May 2010 Argentinean Ministry of Science and the COST Office have signed a Reciprocal Agreement to foster Argentina – COST interactions. Argentinean institutions can now join the MoU and participate to Action ES0903 activities.

Please circulate the information amongst your colleagues from Argentina!

Info: [http://www.cost.esf.org/about\\_cost/reciprocal\\_agreements](http://www.cost.esf.org/about_cost/reciprocal_agreements)

### Micol Rossini selected to present a paper at RAQRS'III

Micol Rossini, COST Action ES0903 MC member and WG 2 co-coordinator has been selected by the Core Group of ESSEM DC for presenting at the 3rd International Symposium on Recent Advances in Quantitative Remote Sensing (Valencia - Spain, Sept.27<sup>th</sup>-Oct. 1<sup>st</sup>) the paper entitled: "Estimation of gross ecosystem production by hyperspectral measurements in terrestrial ecosystems". Congratulations to her!

### Questionnaire on Spectral measurements in Eddy-covariance sites

Help us to elaborate a report on spectral sampling activities!

COST Action ES0903 WG1 and WG2 elaborated a questionnaire aiming at collecting information on Spectral measurements in Eddy-covariance sites. Please fill in the questionnaire here: <https://spreadsheets.google.com/viewform?formkey=dHZ2cFpuREx3anFwOEtYQXZRdXISY0E6MQ>

### Apply for an Initial Training Network (ITN)!

The 2010 FP7 Marie Curie Actions – ITN call is now open. ITN aims to improve career perspectives of early-stage researchers by offering them structured training in the frame of a research project. ITN is a host driven action, the participants join together to propose a programme for an ITN. Participants can be universities, non-profit organisations, companies, etc.

Info: [http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call\\_id=313](http://cordis.europa.eu/fp7/dc/index.cfm?fuseaction=UserSite.FP7DetailsCallPage&call_id=313)  
[http://ec.europa.eu/research/fp7/understanding/marie-curieinbrief/pdf/marie-curie-in-brief\\_en.pdf](http://ec.europa.eu/research/fp7/understanding/marie-curieinbrief/pdf/marie-curie-in-brief_en.pdf)

### Forthcoming events:

#### Workshop on Remote Sensing of Vegetation Fluorescence,

15-17 November 2010, Valencia, Spain

Info: <http://www.congrex.nl/10c23/>

#### Conference - Extreme Environmental Events

13-17 December 2010, Cambridge, UK.

Info: <http://www.esf.org/index.php?id=7048>

#### AGU Fall Meeting

13 – 17 December 2010, San Francisco, USA.

Info: <http://www.agu.org/meetings/fm10/>