

FLUXNET synthesis workshop 2007
Draft outline

VENUE:
Italy

TIME:
Feb 19, 2007 – Feb 22, 2007

TOPICS: While there are many scientifically interesting topic we believe it is most productive to focus on a few key topics where we are likely to achieve breakthroughs:

- **Flux tower based global estimates of NEE and its components**
 - Diagnostic/data-oriented up-scaling with Earth Observation Information
 - Continental scale spatial coherence of fluxes
 - Classification of ecosystems, Biome-specific PDFs of fluxes
- **Decadal trends, interannual variability, lag effects and adaptation**
 - Abiotic versus biotic control of fluxes
 - Role of extreme climate events
- **New insights into ecosystem physiology**
 - Carbon-water flux relations
 - Relationship between GPP/NPP/TER

ORGANISATION and OUTCOME:

30-50 invited scientists from regional networks devoted to data synthesis and analysis of specific questions.

Data would be made available to participants well before the workshop, and a presentation of the data analysis is expected in the talk at the workshop and to be continued as a paper in a special issue. We aim at 12 papers/chapters, there could be 4 parallel sessions in 3 time slots (everyone can at least contribute to three scientific papers then). One synthesis paper will be also prepared.

All the PIs that sent data for this activity have the chance to be involved in all the papers where their data have been used and in the synthesis paper with intellectual inputs and consequent co-authorship.