



Research Networking Programmes

Short Visit Grant or Exchange Visit Grant

(please tick the relevant box)

Scientific Report

The scientific report (WORD or PDF file – maximum of eight A4 pages) should be submitted online within one month of the event. It will be published on the ESF website.

Proposal Title: Participation in 1st ICOS Science Conference: Greenhouse Gases and Biogeochemical Cycles, Brussels 2014

Application Reference N°: 6859

1) Purpose of the visit

The visit purpose was to take part in the First ICOS Science Conference in Brussels, 23-25 September 2014. A poster presented by the author at was entitled "CO₂ and CH₄ fluxes in an urban site: Kraków, Poland" (A. Jasek, M. Zimnoch, L. Chmura, Z. Gorczyca, L. Jarvi, T. Vesala). Author also organized and chaired an Early Career Scientists Workshop that was held during the conference.

2) Description of the work carried out during the visit

The "CO₂ and CH₄ fluxes in an urban site: Kraków, Poland" poster presented results that have been obtained during a visit to Helsinki University by a T Torch Exchange Grant no. 4705: "Greenhouse gas fluxes in an urban area". Relaxed eddy accumulation CO₂ and CH₄ flux measurements are being performed at Kraków urban site since 2012. Spatial and temporal (short-term as well as a long-term) flux variability have been analyzed during Exchange Grant to Helsinki University. Obtained results have been presented at the ICOS Science Conference in Brussels.

Around forty participants attended to the Early Career Scientists Workshop, mostly PhD students but also postdocs and established scientists. First part of the workshop was a lecture entitled "Finding funding: how to apply for a research grant" given by Dr Grant Allen from Manchester University. The lecture presented a number of valuable advices to scientists who are ahead of writing grant applications along with a list of "to do's" and "to do not's". A proper way of answering reviewers comments was

addressed as well as dealing with reviewing panel. Second part of the workshop was a discussion oriented around two main topics: early career scientists in relation to ICOS project and finding a work-life balance. Four panelists have been taking part in the discussion: Grant Allen, Lauri Laakso (Finnish Meteorological Institute), Timo Vesala (Helsinki University) and Felix Vogel (Laboratoire des Sciences du Climat et de l'Environnement, France). The audience took a vivid part in the discussion, addressing also a question whether it is necessary to change working environment in course of scientific career or not.

3) Description of the main results obtained

No strictly scientific results have been obtained since the visit purpose was to take part in a conference, however valuable feedback regarding presented data further interpretation was received. Valuable conclusions concerning planning of own scientific career were found after the Early Career Scientists Workshop.

4) Future collaboration with host institution (if applicable)

Not applicable, however several valuable connections have been made during the conference, that may result in the future in close collaboration.

5) Projected publications / articles resulting or to result from the grant (*ESF must be acknowledged in publications resulting from the grantee's work in relation with the grant*)

A publication of results obtained during 4705 Exchange Grant and presented at the ICOS Conference is planned. Presented work is also a part of author's PhD thesis (to be defended in 2015).

6) Other comments (if any)