



Vulnerability assessment of ecosystem services for climate change impacts and adaptation

Action 6: Assessment of Climate Change and Land Use Impacts in Urban Environments (short name Urban Environments)

(<http://www.ymparisto.fi/default.asp?node=24111&lan=fi>)

Date: 29.10.2010

THIRD STAKEHOLDER MEETING AND FIRST STAKEHOLDER SEMINAR 25.10.2010, Faculty of Social Sciences, University of Helsinki, Helsinki, Finland.

The combined third stakeholder meeting and the first stakeholder seminar event of the Action 6 was organized by the project team as an combined effort. The event took place at the Faculty of Social Sciences, University of Helsinki, in the afternoon of Friday 22nd of October 2010.

As can be seen from the list of enrolments (see section 3), the invited participants represented widely varying organizations and institutions from the Helsinki metropolitan region including the City of Lahti, all of which together forms the research area of Action 6.

All speakers, most of whom represented University of Helsinki, gave valuable and interesting insights for the research setting of Action 6 from their own specific fields of study, expertise and experiences on the field.

As with the previous report, no comprehensive documentation of the meeting and seminar's input to the Action 6 or transcription of the discussions that took place can be provided within the scope of this report. However, both will visible in the future working and deliverables of the Action 6.

The following are presented below the document:

- 1) The program of the seminar and meeting (in Finnish)
- 2) Brief summary of the seminar and meeting presentations and the discussions during the event
- 3) List of enrolments (no list of actual participants present was collected).

In addition the Powerpoint –slides (converted to PDF -form) of the individual presentations held at the event have been delivered attached to the original version of this report.



**VACCIA Työpaketti 6:
Ilmastonmuutoksen ja maankäytön yhteisvaikutukset
kaupunkiympäristöissä - sidosryhmäseminaari**

Perjantaina 22.10.2010 klo 13 – 16

Helsingin yliopiston Valtiotieteellinen tiedekunta, Unioninkatu 37,
luentosali U37 LS, 1 krs. käynti sisäpihan kautta.

Ohjelma

13. 15 – 14.30

Professori Heikki Setälä (HY) VACCIA Työpaketti 6:
”Ilmastonmuutoksen ja maankäytön yhteisvaikutukset
kaupunkiympäristöissä” -tutkimushanke

Piia Lundberg (HY): Kaupunkiviheralueiden määrä ja laatu VACCIA-
koelueilla

Marjo Valtanen (HY): Mitä Lahden hulevesitutkimus opettaa?

Maija Taka (HY): Ensimmäiset tulokset Helsingin Vaccia- hule-
vesiasemilta

14.30 – 14.45 Kahvitauko

14.45 – 15.30

Ville Karvinen (HY): Hulevesien seuranta Helsingissä

Paula Nurmi (HKI) Helsingin hulevesi-strategian nykytila

Loppukeskustelu



Action 6: Assessment of Climate Change and Land Use Impacts in Urban Environments (short name Urban Environments)

”Ilmastonmuutoksen ja maankäytön yhteisvaikutukset kaupunkiympäristöissä” (‘Combined Effects of Environmental Change and Land-use in Urban Environments’)

**The Third Stakeholder Meeting and First Stakeholder Seminar
25.10.2010, Faculty of Social Sciences,
University of Helsinki, Helsinki, Finland.**

13.15 Prof. Jari Niemelä opened the event with his welcoming words and brief introduction to the theme of the afternoon.

13.20 Prof. Heikki Setälä introduced the VACCIA Action 6: Assessment of Climate Change and Land Use Impacts in Urban Environments and the measuring stations of the project as well as the research activities conducted so far within the project in his keynote speech. In addition he also addressed some issues related to the theme of runoff water research.

13.55 Pia Lundberg (UofH) gave a presentation about the number and quality of greenspaces in the VACCIA research area, based on her Master’ Thesis which she completed recently. Field study part of the thesis was conducted in summer 2010 while she was briefly hired as a research assistant of Prof. Heikki Setälä.

14.05 Marjo Valtanen (UofH) gave a presentation with the title: ‘What Research on runoff waters in Lahti can teach us?’. The presentation was based on her Master’ Thesis which she completed recently. Like above, field study part of the thesis was conducted in summer 2010 while she was hired as a research assistant of Prof. Heikki Setälä.

14.15 Maija Taka (UofH) presented ‘First results from the Helsinki VACCIA Action 6 runoff water measuring stations’, based on her Master’ Thesis field results. Also Taka has been working as a research assistant in the VACCIA Action 6.



14.30 Coffee break, free discussion and socializing

14.55 Ville Karvinen (UofH) gave presentation with the title 'Follow-up of runoff-waters in Helsinki', based on his Master's Thesis fieldwork. Karvinen's work was not directly connected to VACCIA but his research approach was very similar to the methods applied the Action 6.

15.10 Paula Nurmi (City of Helsinki) presented 'The State of the Art of City of Helsinki Runoff Water Strategy'. The presentation included the city's strategy's premises, its aims and implementation. She also expressed a wish to pursue cooperation with the VACCIA Action 6 and the researchers involved in the project.

15.30 Final discussion (see main points below in the next section)

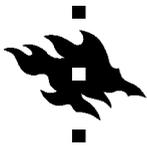
16.00 End of the event

Professors Jari Niemelä and Heikki Setälä shared the duties as the chair of the meeting and seminar.

Coffee/tee, sandwiches and cookies were offered free or charge to the registered participants of the meeting and seminar.

Themes, debates and issues brought up after individual presentations and during the seminar's final discussion:

- The definition of the runoff area was clarified and discussed further
- The comparability between the Helsinki and Lahti measuring stations was discussed, as well as the specific measuring methods applied in both of those.
- Out of all the target areas of the project Pasila area is the most challenging one. The area which is built mostly during the early 1970s contains lots of paved surfaces in which the water seeps



into the ground through the pavement. The water penetrability of surfaces in the area has been taken into account in the study.

- Questions concerning the possibility of including potential effects of runoff waters for general population health in the research project were made. Some of those will be hopefully addressed the project in future.
- The methods applied in the project for measuring runoff waters were clarified and described more in detail.
- The significance of the rain occurrence and the subsequent first flush of rain water and its load effect for runoff waters was discussed.
- The issue of recognizing the runoff waters in urban plans and zoning was discussed. Different types of regulations, rules and contracts are currently applied in order to accomplish that in urban development planning processes.
- The possibility of exploiting and utilizing the runoff water further was discussed.
- The necessity of having an active runoff water strategy was discussed, especially in a situation where the soaking of the soil does not function properly, as is often the case in urban areas.
- The need for further research on the issue was discussed, as well as possible future cooperation projects between the University and the cities of the Helsinki metropolitan area.
- Prof. Jari Niemelä gave a brief closing speech rounding-up the discussions of the afternoon and expressed his own as well as the project team's warm thanks for all the speakers as well as the audience of the event.

Persons registered for the VACCIA wp. 6 –meeting and seminar held on Friday 22.10. 13.00 – 16.00 hours

Kaarina Heikkonen (Helsingin kaupunki / Ympäristökeskus)
Sirkku Manninen (HY / Ympäristötieteiden laitos)
Katja Pellikka (Helsingin kaupunki / Ympäristökeskus)
Sinikka Rantalainen (Vantaan kaupunki / Ympäristökeskus)
Ina Liljeström (Helsingin kaupunki / Talous- ja suunnittelukeskus,
Östersundomin ja Viikin aluerakentamisprojektit)
Sari Alm (Lahden kaupunki)
Pertti Vesanen (Lahden kaupunki)
Anna-Maria Kujala (HY / Maantieteen laitos)
Henna-Kaisa Räsänen (HY / Maantieteen laitos)
Kari Porra (Lahden kaupunki)
Jukka Jormola (SYKE)
Anna-Kaisa Aalto (Helsingin kaupunki / KSV Ympäristötoimisto)
Ari Karjalainen (Helsingin kaupunki / Talous- ja suunnittelukeskus)
Päivi Jäntti-Hasa (Vantaan kaupunki / Ympäristökeskus)
Anne Olkkola (Vantaan kaupunki / Marja-Vantaa -projekti)
Risto Nyberg (Helsingin kaupunki / Rakennusvalvontavirasto)
Mari-Anna Närhi (HY / Biotieteiden laitos)
Eeva Pitkänen (Helsingin kaupunki / Ympäristökeskus)
Tiia Lampola (HSY Vesi)
Juho Karuaho (HY / Maantieteen laitos)
Kimmo Hell (Ramboll)
Jarmo Talvasto (Helsingin kaupunki / Rakennusvirasto, Katu- ja puisto-osasto)
Tomi Silander (Helsingin pienvesiprojekti)
Kirsi Vakkilainen (HY / Ympäristötieteiden laitos)
Katriina Arrakoski (Helsingin kaupunki / Rakennusvirasto, Katu- ja puisto-osasto)
Raimo Pakarinen (Helsingin kaupunki / Ympäristökeskus)
Päivi Islander (Helsingin kaupunki / Rakennusvirasto, Katu- ja puisto-osasto)
Merja Heinonen (Helsingin kaupunki / Rakennusvirasto)
Pauliina Jalonen (Helsingin kaupunki / Ympäristökeskus)
Ulla-Maija Rimpiläinen (Vantaan kaupunki / Vesihuolto)
Outi Salminen (HY / Metsätieteen laitos)

(31 persons)



Seminar speakers and the VACCIA-team/organizers

Heikki Setälä (HY)
Piia Lundberg (HY)
Marjo Valtanen (HY)
Maija Taka (HY)
Ville Karvinen (HY)
Paula Nurmi (Helsingin kaupunki)
Matti Kortteinen (HY)
Heikki Loikkanen (HY)
Jari Niemelä (HY)
Jussi Kulonpalo (HY)
Vesa Yli-Pelkonen (HY)
Mari Vaattovaara (HY)
Olli Ruth (HY)

(13 persons)

→ all together 31 + 13 = 44 persons.