

## Research stay at UBC (September– October 2015)

The research stay at UBC was conducted from September 15, 2015 to October 6, 2015 with an extended stay for another four days in Nanaimo at the applicant's own expenses, where the Canadian field research of the CC-VISAGES project takes place. The research post was split into a stay at Liu Institute for Global Issues (Vancouver campus) from September 15-27 and at Okanagan campus from September 28 to October 2. From October 2 then until October 5, the research stay will be at Vancouver campus again after which the rest of the stay will be in the Nanaimo field. Connections to the Nanaimo University at local are already under way.

### The following projects have been successfully initiated during the research stay

With the following partners at local has been agreed on project related third party funding applications for joint research:

- I) Combining COMPON & CC-VISAGES by integrating CC-VISAGES findings in Canada, Brazil, and Germany.
- II) Applying Q Oracle to the cases of high rainfall of selected vulnerable communities in Canada based on the CC-VISAGES' HSI.
- III) Creation of a mutually funded sub-project as part of the CIRDI conflict prevention project in seven (7) of the nine (9) Peru's mining affected communities. This will involve the supervision of MA students that will conduct a comparative field research at local using Q Oracle.
- IV) Joint teaching initiative for participation in the Master of Public Policy and Global Affairs (MPPGA) from February 15 to April 15, 2016 (Erasmus+).
- V) Plan to publish the Canadian findings of the CC-VISAGES project in the contemporary setting of a governmental issue.
- VI) Plan to do a workshop on Q Oracle with participation of policy makers (with Ryan, see below) and students during the January 2016 research stay.
- VII) Collaboration with Okanagan campus led to the idea (with Kevin, see below) to present Q Oracle as a possible option for continuing / deepening the since 2012 running project to project committee as well as using it in selected communities in BC.
- VIII) Student exchange of our two classes at FU Berlin and at UBC Okanagan campus: The idea is to take students to field trips in Berlin and Okanagan alike. Next SS (2016) could work if the FFU will allow for the proposed teaching. If not, we discussed a collaboration as part of my class at FUBis about EU integration in times of crisis.
- IX) Idea of a joint workshop funding (or at least a joint peer review publication) combining Q Methodology with his particular participant rules based focus group setting.

### Research stay at UBC - Okanagan campus

- Informal meeting for UBC-FU research collaboration, Sep 30, 2015, 10 am to noon
- Keven organized an informal meeting in order to discuss collaboration points between the research interests of Lael, Mike, Kevin, and my research foci.
- I presented the core points of CC-VISAGES as well as of the Q Oracle method.
- Faculty presentation, Oct 1, 2015, 2 pm to 3.30 pm
- Presentation of the CC-VISAGES findings at BRAES (October 1, 2015)
- About the presentation: Basically, it's a research seminar addressed to an audience of graduate students and faculty members who will be coming from a range of disciplines (mostly geography, environmental sciences and biology). If you talk about the project and results you have obtained, that is fine. A focus on Canada would be interesting, but results from other regions would also be welcomed.
- The speech will be for about 40-50 minutes to leave time for questions and discussion after.

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- Presentation in undergraduate class, Oct 1, 2015, 11 am to 01.30 pm Guest lecture at class on "Culture and Environment" (October 1, 2015)

Contention of the class: This is a second year undergraduate course so most students will have limited understanding of climate change. During this first month of the course (Sept) we are focusing on the local environment and they are taken to a number of sites on the UBC Okanagan campus to learn about local ecological characteristics and Okanagan cultural history. As the environmental justice aspect will be of great interest to them and will fit very well with this course, we (Mari and Götz) will tell a bit about the specific vulnerabilities of Nanaimo as identified so far. This will reference to the Brazilian setting in Algodual, municipality of Maracana. Finally, the kinds of adaptation plans that might be informed by your study will be explored. Adaptation to climate change will itself be a new concept to many of them who take my course as an elective.

Only about 1/4 of the students are anthropology majors. The rest are enrolled in other B.A programs, B.Sc programs, Management, Education, etc. A very diverse group.

In addition to the detailed documentation of the research stay on <http://environmentaljustice.de/ubc.php> (which was summarised above) I will answer the following questions here.

The funding was received to establish, deepen, and extend the sustainable network in the context of my postdoc project CC-VISAGES ([www.cc-visages.com](http://www.cc-visages.com)). One of the countries I am researching as part of the research team is Canada. The aim of this long term project is to obtain the Habilitation degree finally.

1. How did you benefit from the stay at the partner university?

Through the research stay I had the chance to establish a connection to a broad list of relevant researchers in the field of climate change. The Liu Institute became the primary reference for the continuation of the CC-VISAGES project in Canada.

- a. What were the main results of your research stay?

The personal connection and involvement in activities led to making connections to the CIRDI project at Liu Institute. This governmental-university project opened also the opportunity to extend the usage of the developed method Q Oracle (<http://environmentaljustice.de/q-oracle.php>) within this project, here in the field of mining in Perú.

The possibility to also go to the campus in Okanagan created further options basically in the field of joint teaching initiatives plus – in the context of indigenous communities – in joining existing research projects with new methodological perspectives (combining Q Oracle to existing qualitative inquiries).

- b. Who were your primary contact persons?

The director of the Liu Institute (Moura Quale) and the representative for environmental education and South America at CIRDI project (André Xavier) have been the most relevant connections. In David Tindall I met an environmental sociologist with the same interest in environmental justice, climate change perception, and indigenous people.

2. What aspects of your research stay did you find most challenging or interesting?

Creating the mental maps based on the empirical data from the Q Oracle method as gathered from the field. Secondly, to ensure a comparability of the statement samples as created for the three

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countries of Brazil, Germany, and Canada. Here, the COMPON project and the data from David Tindall have been the most fruitful.

3. What activities have you been involved in while at the partner university?

I participated in the lecture of Joseph Stieglitz at UBC and worked as a mentor at the UBS Design Challenge.

- a. How have these aided your understanding of your research topic/sustainability?

The UBC Design Challenge revealed an interesting and challenging tool for teaching. This idea has influenced the current class I am teaching at FU and also was integral part of the application for the “Lehrpreis 2016” of the Freie Universität Berlin.

4. How did you interact with the university/staff/students/sustainability initiatives?

As can be seen from the overview (<http://environmentaljustice.de/ubc.php>), expert meetings, public presentations, discussions, and delivering a lecture for BA students with different discipline backgrounds was part of the research stay.

5. How did your understanding of sustainability/sustainable development develop during the research stay?

After my research stay, it is much easier for me to *verstehen* (Weber) how the climate related sustainability discourse (in the meaning of Foucault) is framed in Canada. The huge amount of recommended literature opened and answered many questions in the field of environmental justice research in the context of environmental movements that I had.

6. How has the research stay influenced your future goals?

I could imagine to go to the UBC for some years to deepen my research on Canada (if funding is granted).