



GOAL 3rd Workshop

"Geoethics and Water"

8-12 July 2019, Vienna and Wildalpen, Austria

Summary

Present:

Name	Organisation
Clara Vasconcelos	Universidade do Porto, Portugal (GOAL International Coordinator)
Cristina Calheiros	Universidade do Porto, Portugal
Giuseppe DiCapua	Istituto Nazionale di Geofisica e Vulcanologia, Italy
Beatriz Azanza	Universidad de Zaragoza, Spain
Dani de Miguel	Universidad de Zaragoza, Spain
Nir Orion	Weizmann Institute of Science, Israel
Ron Ben-Shalom	Weizmann Institute of Science, Israel
Vida Drasutė	Kauno Technologijos Universitetas, Lithuania
Tomas Valatkevčius	Kauno Technologijos Universitetas, Lithuania
Marija Šadurskaitė	Kauno Technologijos Universitetas, Lithuania
Günter Langergraber	Universität für Bodenkultur Wien, Austria (Meeting organiser)
Markus Fiebig	Universität für Bodenkultur Wien, Austria
Sebastian Handl	Universität für Bodenkultur Wien, Austria
Susanne Schneider-Voß	Universität für Bodenkultur Wien, Austria

Excused:

Name	Organisation
Silvia Peppoloni	Istituto Nazionale di Geofisica e Vulcanologia, Italy

External participants:

Name	Organisation	Participation
Ursula Reisenberger	Universität für Bodenkultur Wien, Austria	8-12 July 2019
Verena Winiwarter	Universität für Bodenkultur Wien, Austria	8 July 2019
Stephanie Neuhuber	Universität für Bodenkultur Wien, Austria	8 July 2019
Susanne Brandstetter	BMNT – Bundesministerium für Nachhaltigkeit und Tourismus, Austria	8 July 2019
Markus Werderitsch	MA31 – Wiener Wasser, Austria	9 July 2019
Günther Unfer	Universität für Bodenkultur Wien, Austria	10 July 2019
Lukas Plan	Naturhistorisches Museum Wien, Austria	11 July 2019

Day 1 – 8 July 2019

After Registration Günter Langergraber welcomed all participants to Vienna and the workshop. Susanne Schneider-Voß gave an overview on the tasks of the ethic platform, which is implemented at BOKU-University as an initiator for a systematic and participative discourse about ethical issues. Verena Winiwarter presented the concept of environmental justice and its historic developments. After a coffee break Stephanie Neuhuber gave an overview on the geology of Vienna and Susanne Brandstetter presented an insight on the communication of environmental issues from the perspective of the Ministry for sustainability and tourism. Ursula Reisenberger introduced the concept of embodiment, which was repeatedly used during the whole workshop. The first day ended with a social dinner at the river bank of “Alte Donau”.



Day 2 – 9 July 2019

The workshop group departed in the morning to the field trip along the first Vienna Water Main. At the first stop at the Aqueduct of Mödling historic background on the construction of the first Vienna Water Main was presented. This was followed by a silent walk along the main and through the wine yards of Mödling and along the hillslope. After a picknick the group departed further on the way to reach Kaiserbrunn and the Museum which covers the full historic background of water supply of Vienna in the early afternoon. Markus Werderitsch presented the challenges faced by the Vienna Water Works from a geoethical perspective. Finally also the impressive spring of Kaiserbrunn was visited and the group departed to Wildalpen.



Day 3 – 10 July 2019

This day was dedicated to the topic of Hydropower and its implications on riverine ecosystems. Scientific input on the topic came from Günther Unfer. The group visited the "Kraftinsel" and the Prexceny-Klaus. Several Embodiment sessions during the day gave the participants room and time to experience nature at the sites individually. In the evening a lively discussion on geoethical implications within the topic of hydropower arose.



Day 4 – 11 July 2019

The workshop focused on water supply again. Lukas Plan gave a very interesting overview on the geology of the region and guided the visit of Kläfferquelle which is the biggest spring in the eastern Alps. Also it is a Geopark site. The group visited the tapping of the spring which lies in a tunnel about 80 m in the rock and also went into one of the surface openings of the spring. In contrast to the local situation in Wildalpen and the Viennese Water Supply, the concept of

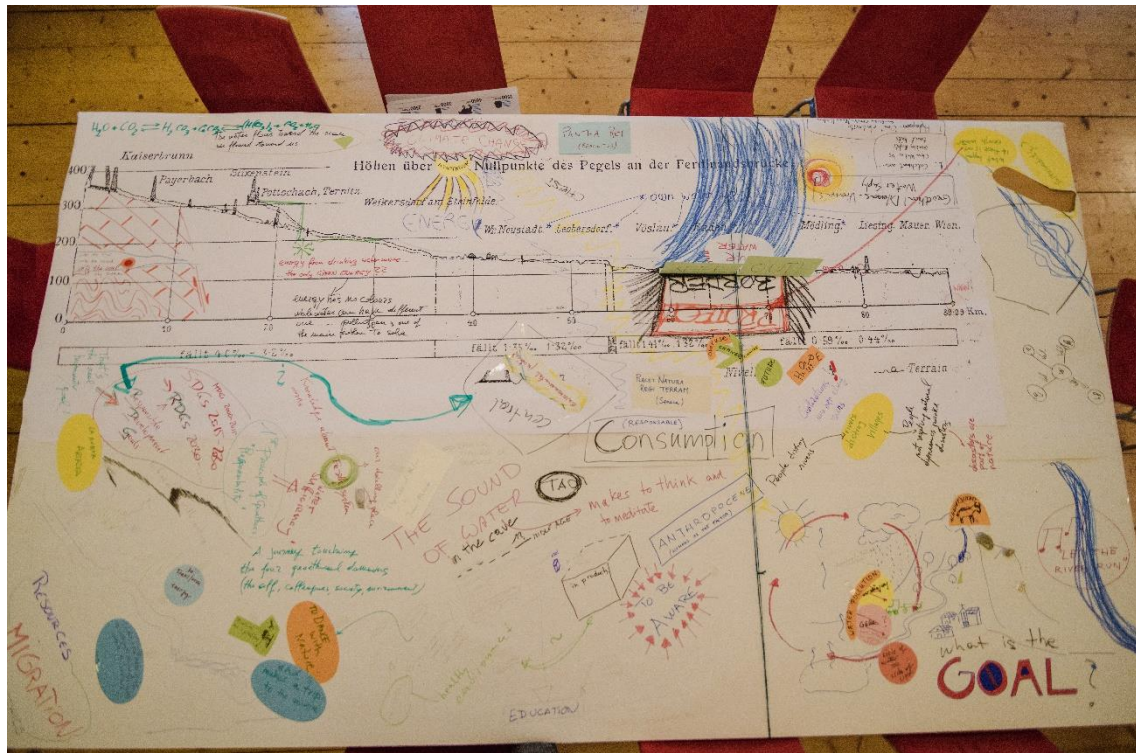
virtual water and water footprint was presented to the participants. The afternoon focused on the development and discussion of the Educational Resource on water supply.



Day 5 – 12 July 2019

The latest drafts of the syllabus as well as the educational resource from Spain were discussed in the morning session. Timeline and Content of the eBook as discussed in the Kaunas meeting were presented.

On the journey back to Vienna the participants were taken on a boat trip through the UNESCO world heritage of Wachau. The wonderful atmosphere also gave a suitable frame for the final dinner which was accompanied by lively discussions on geoethics and the ongoing project. Also the two interviews with Günter Langergraber and Giuseppe DiCapua were shot with this background.





Videos summarizing the week

GEOETHICS AND WATER MANAGEMENT - REVIEW ON THE AUSTRIAN GOAL-WORKSHOP

Interview with Günter Langergraber (meeting organizer) https://youtu.be/bkOXbtUs_W4

AUSTRIAN GOAL-WORKSHOP - A JOURNEY TOWARDS GEOETHICS

Interview with Giuseppe Di Capua <https://youtu.be/VvymIFcs52A>