

Dear Colleagues,

**Do you have a good idea for a controlled experiment in streamside flumes?** If so, consider this opportunity and apply for an experiment at our flumes in summer 2019!

As we are a part of the European AQUACOSM Project ([www.aquacosm.eu](http://www.aquacosm.eu)), there is the opportunity to perform experiments at our flume facilities in Lunz am See, Austria. If you apply to do so and get approved, the AQUACOSM-Project will be able to cover the main part of the cost (travel, accommodation, (local) technical assistants to set up the experiment...).

For more information on this call, please see: <https://www.aquacosm.eu/transnational-access/>. The call will be open until October 2018. Applications from outside of the EU are possible and welcome - however, there should be at least some Europeans involved 😊

### **What can you do at our facilities?**

In short, the flumes allow to create 6 replicated stream reaches with 40m length. Depending on experimental design, things can then be added (solutes or similar) or modified after some time (disturbance, drought). The design can then be 3 vs 3 (with and without treatment), or along a increasing/decreasing treatment gradient. Also, commonly we establish a functional stream ecosystem within the first 3-4 weeks. Alternatively, shapes and substrates can be varied from the start (for example flow heterogeneity, hydrodynamics). Overall we can control inflows, waterlevels, slope (to some 'degree'), and set them up for recirculation or with permanent fresh water inflow from the nearby Seebach stream. Attached is a 'fact sheet' of the flumes.

If you are interested in working at the flumes, and maybe also with us, please feel free to contact me.

Yours Sincerely

Jakob Schelker

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Dr. Jakob Schelker  
Dept. of Limnology & Bio-Oceanography  
University of Vienna  
Althanstrasse 14  
A-1090 Vienna, Austria  
*and*  
WasserCluster Lunz  
Working Group EcoCatch  
Dr. Carl Kupelwieser Promenade 5  
A-3293 Lunz am See, Austria

email: [jakob.schelker@univie.ac.at](mailto:jakob.schelker@univie.ac.at)  
<http://biofilm.univie.ac.at/schelker>  
phone: (+43) 660 3215081

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