

## **Report on attendance at EGU 2016**

This report describes my attendance at the European Geosciences Union's 2016 General Assembly, in which I was supported by a travel grant awarded by the BSRG. With over 13 650 participants from 109 countries, the EGU is one of the world's premier geoscience conferences. My research tends to be very multidisciplinary, so this conference was a rare opportunity to interact with the intellectual leaders in a number of different fields. Over the course of the week I attended many different sessions and training workshops, which introduced me to a lot of new concepts and scientific tools.

I was able to make two contributions to this conference. Firstly, an [oral presentation](#) on erosion-induced carbon fluxes from semiarid rangelands and the implications of vegetation cover and enrichment dynamics for carbon inputs to aquatic systems, the key findings of which are now reported in an [article](#) in the Journal of Geophysical Research: Earth Surface. I felt that the conveners did a commendable job of bringing together a diverse selection of complimentary contributions, which together developed key themes of how carbon moves through aquatic systems across a range of spatial and temporal scales.

My second contribution was a [PICO presentation](#) describing how drone image data could be used to make very high fidelity structural models ecosystems. One example application of these kinds of models is measure vegetation biomass and forage availability for livestock in semi-arid rangelands. My presentation was extremely well received, by the end of the conference I had over 30 requests for the unpublished manuscript which has subsequently been [published](#) in Remote Sensing of Environment.

Overall, this conference provided a great opportunity to share my work with others and receive constructive feedback, to network with other academics, and to learn about new ideas which will help me to refine my ideas and research direction in the future. I would like to thank the BSRG once again for their support which allowed me to attend this event.

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