

January 28, 2017

Dear Professors Madden, Fritsch and Trinder  
The ISPRS Foundation

### **Report on the XXIII ISPRS Congress and ISPRS Summer School**

This report highlights my experiences and the benefits gained from attending the ISPRS Congress and ISPRS Summer School, which would not have been possible without the assistance of The ISPRS Foundation.

#### **ISPRS Summer School, 5 – 11 July 2016, Telč, Czech Republic**

The theme of the Summer School was “*Natural resource management: from data processing to web publishing*” and was aimed at young scientists with an accepted contribution for the ISPRS Congress. The course was led by experts in the field, and covered both theory and hands-on practical lessons with topics ranging from laser scanning and image processing methods, to web publishing of data.

We learnt about LiDAR data processing, including tiling, classification, normalizing, LiDAR derivatives, data preparation and the importance of quality checking, all using the LAsTools software with Martin Isenburg. Martin Landa lectured on using OpenSource GIS for processing geospatial data and geospatial analysis workflow for both optical and LiDAR data. Norbert Pfeifer lectured on Airborne Laser Scanning and Point Cloud Processing, as well as laser scanning applications in environmental studies. Arnošt Müller presented commercial GIS software for data analysis and web publishing, and Jáchym Čepický taught us about web publishing using Open Source GIS.

The ISPRS Summer School was a very successful event and allowed participants to develop a comprehensive understanding of the use of remotely sensed data for natural resource management.







## **XXIII ISPRS Congress, 12 – 19 July 2016, Prague, Czech Republic**

### **Presentations**

The conference experience was fantastic and allowed me to be exposed to new and exciting developments in the field of remote sensing, photogrammetry and spatial information. The programme was rich and vast, and presentations covered a wide variety of categories and topics. With so many interesting presentations available, the only difficulty was choosing which ones to attend. Many topics presented were new to me, and I was excited to learn about innovative techniques and see what research is being carried out in various parts of the world.

### **Feedback on my research project**

Having the opportunity to deliver an oral presentation at the ISPRS conference allowed me to share my research with fellow interested individuals within the remote sensing and spatial information community, and I gained valuable input through feedback from the audience, which was very helpful guiding new research questions, new ideas and expanding on the study. I have even had a request from a conference delegate in the audience to collaborate on this work. This is very encouraging and a great opportunity for us both as individuals and for our organisations to build partnerships and associations that may otherwise not exist.

### **Networking**

The conference provided the opportunity to meet people from all over the world with similar research interests, and it was a great pleasure to get to meet some of the many well-known authors and researchers in the field of photogrammetry, remote sensing and spatial information who were at the congress.

I would like to express my sincere gratitude to The ISPRS Foundation (TIF) for the travel grant provided which assisted me in attending the ISPRS Summer School and the ISPRS Congress in Prague, Czech Republic in 2016.

It was a great privilege to attend this very prestigious conference and to present my study to the remote sensing community.

Yours sincerely,  
Patricia Duncan

Ms Patricia Duncan  
BSc (Geomatics), MSc (Eng) Geomatics, University of Cape Town  
E-mail: [patricia.duncan.drdlr@gmail.com](mailto:patricia.duncan.drdlr@gmail.com)