



## data@breakfast webinar series

You are invited to the next data breakfast by

### **Dr Zander Venter**

Norwegian Institute for Nature Research, Norway

Date: Friday, 07 August 2020 Time: 7h30 -8h30

### **“Mapping South Africa’s 'green apartheid' using satellite remote sensing and cloud computing”**

**Abstract:** Dr Venter will talk through the findings recently published in a paper titled “Green Apartheid: Urban green infrastructure remains unequally distributed across income and race geographies in South Africa”. The spatial inequality in South Africa is evident to all of us, however, up until now it has been difficult to quantify at the national scale. Recent advances in cloud computing and the plethora of freely available satellite imagery has allowed us to map urban green spaces with fine resolution across South Africa. He will present how this was done, what was found and discuss the potential implications.

**Bio:** Zander recently graduated with his PhD in agroecology from the University of Cape Town. For the past year, he has been working as a spatial ecologist and data scientist at the Norwegian Institute for Nature Research in Oslo, Norway. The majority of his work is focussed on vegetation dynamics and ecosystem services. However, in his spare time, he enjoys leveraging his data science skills to answer questions about society and its relationship with nature.

#### **Register in advance for this webinar:**

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After registering, you will receive a confirmation email containing information about joining the webinar.