



GSSA Online Workshop

Introduction to Remote Sensing - A Practical Guide for Rangeland Scientists

PRESENTED BY LINDA KLEYN

MONDAY, 13 JUNE 2022 | 2PM - 5PM

TUESDAY, 14 JUNE 2022 | 2PM - 5PM

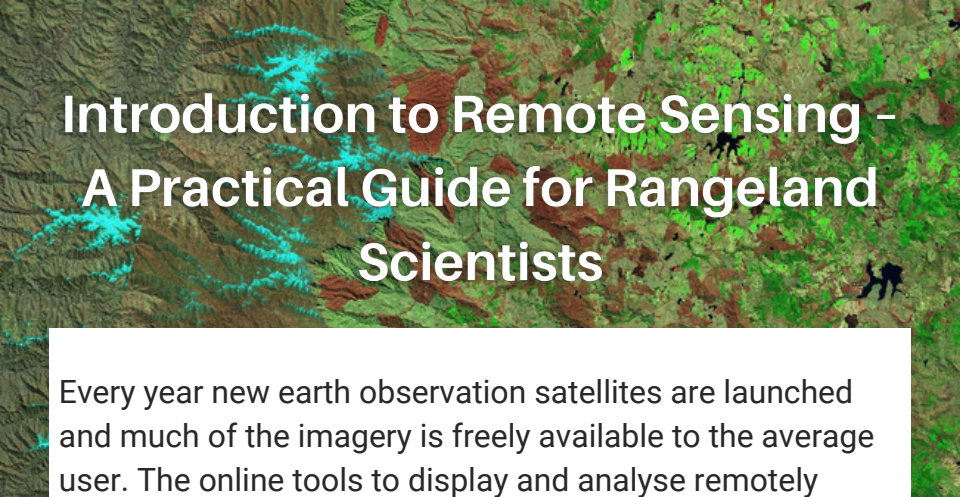
6 HOURS OVER TWO AFTERNOONS

GSSA members @ R850

Non-members @ R950

Students @ R750

To register, please go to: <https://2022gssa.dryfta.com/>



Introduction to Remote Sensing - A Practical Guide for Rangeland Scientists

Every year new earth observation satellites are launched and much of the imagery is freely available to the average user. The online tools to display and analyse remotely sensed data have advanced in line with this big data problem.

The objective of this online course is to introduce the newcomer to satellite imagery and its power for environmental research and monitoring, and to update current users with the latest advances. The course will cover the technical background of remote sensing, what is available, and how to access and interpret the imagery for appropriate problems at different scales.

No software is required, and no prior knowledge will be assumed. Join us in exploring what satellite imagery can do for Rangeland Scientists in 2022. The course content will be a great introduction to the Research Skills Workshop “*Remote Sensing and Cloud Computing Platforms*” to be held at the GSSA Congress 57 on 25 July 2022.

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PROGRAMME

Day 1 | Monday, 13 June 2022

14h00 - Background to Remote sensing – concepts and jargon

15h00 - Questions and discussion

15h15 - 30 minute break

15h45 - The Scale of the Problem – appropriate imagery for appropriate problems

16h45 - Questions and discussion

Day 2 | Tuesday, 14 June 2022

14h00 - Image Analysis – online tools for classification and time series analysis

15h00 - Questions and discussion

15h15 - 30 minute break

15h45 - Machine learning - concepts and how this applies to image analysis

16h00 - Questions and discussion

17h00 - Closing