

# The role of drones and satellites in land use and precision agriculture

by

***Toby Waine***

**Lindop Building  
College Lane Campus, Hatfield**

**Wednesday 5 December 2018 at 7.00pm**



Dr Waine will explore how science and technology is revolutionising agricultural engineering with a particular focus on remote sensing from space and drones. From measuring illicit opium production in Afghanistan to undertaking national assessments of vegetation in semi-arid climates, innovative use of remote sensing supports operational methods for vegetation monitoring and provides robust, statistically-based area estimates of land cover and net primary production.

**Dr Toby Waine** received BEng and EngD degrees in agricultural engineering and precision agriculture from Cranfield University. Following commercial roles in Software Engineering, he returned to Cranfield as Research Fellow in remote sensing then as Lecturer in Applied Remote Sensing. His current interests are land resources monitoring and food security.

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This event is free but places may need to be reserved.