

Managing the Global Land Resource

Saturday, Dec. 16
10 a.m.

Energy and the
Environment Laboratory

(former Materials Research Laboratory on
Hastings Road, east of University Drive)

Abstract

With a growing population with changing demands, competition for the global land resource is increasing. We need to feed a projected population of ~12 billion by 2100, and might also need to deliver land-based greenhouse gas removal for climate change mitigation. Managing these conflicts is a major global challenge. I will discuss some of the main challenges, synergies, trade-offs and possible solutions.

About Pete Smith



Pete Smith is Professor of Soils and Global Change at the Institute of Biological and Environmental Sciences at the University of Aberdeen (Scotland, UK) and Science Director of the Scottish Climate Change Centre of Expertise (ClimateXChange). Since 1996, he has served as Convening Lead Author, Lead Author and Author for the Intergovernmental Panel on Climate Change (IPCC). His interests are in climate change mitigation and impacts, greenhouse gases fluxes, ecosystem modelling, soils, agriculture, bioenergy, food security. He is a Fellow of the Royal Society of Biology, a Fellow of the Institute of Soil Scientists, a Fellow of the Royal Society of Edinburgh, a Foreign Fellow of the Indian National Science Academy and a Fellow of the Royal Society (London).