

Andy Nelson is professor of Food Security and Spatial Agriculture at University Twente, Netherlands. He has worked for over twenty years in international research institutes (CGIAR), policy centres (European Commission) and development banks (World Bank) as a Geographer specialising in the use of Earth observation technology to monitor and manage environmental and agricultural systems.

His research has focused on how spatial information can be combined with other sources of information to provide better, faster and more detailed data on the "where", "when", "how" and "how much" of agricultural production. I use remote sensing data and GIS models to characterise and monitor crop production situations to estimate crop area, seasonality, production and losses. He has a diverse range of research interests and his work on accessibility and crop health have recently featured in Nature and Science.