Title: Determining Soil Nitrogen with Low-cost Sensors and Machine Learning

Short Bio: Dr. Firat Güder is an associate professor in the Department of Bioengineering at Imperial College London. Firat and his team work in the interface of material science, electronics, chemistry and biology, focusing on the development of intelligent interfaces to connect complex chemical and biological systems with machines. Firat is passionate about solving problems concerning animal and human health, agriculture and food systems. In addition to his scholarly activities, he has also co-founded multiple startups to translate his research to address real world problems. For more information on Güder Research Group please visit www.guderesearch.com