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Dr. Aristotelis C. Tagarakis is Senior Researcher (Grade B') at the Institute for Bio-economy and Agri-technology (iBO/CERTH) with expertise in precision agriculture. Dr. Tagarakis received MSc degree in "Automation in Irrigation, Farm Structures and Farm Mechanization" and PhD degree in "precision agriculture" from the University of Thessaly, Greece.

In the framework of his PhD he worked as research scholar at Auburn University, Biosystems Engineering department AL, U.S.A., in the area of Precision Agriculture, variable rate fertilization and automated irrigation in maize. Also, he has been Postdoctoral Associate at Cornell University, N.Y., U.S.A., leading the precision agriculture program.

Before joining the iBO he was senior researcher at the BioSense Institute in Serbia. He has significant research experience working at more than 20 national, European, and other international projects. His main research interests include Precision Agriculture, Digital Farming, Agricultural Automation, Agri-robotics, Remote and Proximal Sensing and Sensor Networks in agriculture.

He has published 33 papers in scientific journals and has more than 50 publications in international and national conferences. Furthermore, he has authored 11 book chapters and numerous articles in public and popular press. He has served as a regular reviewer for several international journals and conferences.