



Introduction of Project Host

Ph.D. Ming-Der Yang

Ming-Der Yang received his B.S. degree in Civil Engineering from National Chiao Tung University, Taiwan, in 1990, and M.S. and Ph.D. degrees in 1993 and 1996, respectively, from Department of Civil and Environmental Engineering and Geodetic Science, The Ohio State University, USA. He is presently a Distinguished Professor and the Chair of the Department of Civil Engineering, National Chung Hsing University, and serves the chair of Unmanned Vehicle Research Center. His expertise is geomatics and remote sensing, especially in image processing, geographic information system, environmental monitoring, and disaster assessment. He has authored about 100 international journal/conference publications and above 100 Chinese publications and reports. In addition, he is also granted patents on a street panoramic image preview system and gesture control. Recently, his research efforts have been put on developing 3D reconstruction technology on remote sensing images for disaster monitoring and assessment. His recent research effort has been put into 3D scene reconstruction, the applications of VR/AR and AI. Especially, employing AI and UAV to precision agriculture is the focus in his on-going research.