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Dr. Ma teaches and serves as Professor and Director at the Graduate Institute of Environmental Engineering (GIEE), National Taiwan University. He obtained a PhD degree at the Department of Environmental Sciences and Engineering, University of North Carolina at Chapel Hill, and had served as Secretary-General and Chair of Environmental Planning and Management Committee, Chinese Institute of Environmental Engineering.

Dr. Ma's research focuses on the development of integrated environmental assessment methods, which involve the combination of tools including material flow analysis, life cycle assessment, risk assessment, and input-output analysis. The methods are applied to strategic environmental assessment, energy policy planning, and sustainable resource management, with purpose of depicting transition paths to sustainability. Dr. Ma is also striving to collaborate with multidisciplinary experts to pursue circular economy and sustainable cities, and to cultivate students' abilities of multidisciplinary integration so that they are able to meet the need of the ever-changing times and tackle realistic challenges