

Civil Engineering 2010

Education Curriculum Author Bios

Autodesk

Dr. Randy Dymond, PE, Associate Professor of Civil and Environmental Engineering, Coordinator of the Land Development Design Initiative, Virginia Tech. Dr. Dymond has over 25 years of experience in university instruction and research in civil and environmental engineering and has worked as a fulltime consulting engineer and in the software development industry. He obtained a B.S. from Bucknell University, and a Masters and PhD in Civil and Environmental Engineering from Penn State University.

Dr. Dymond has been recognized for teaching excellence numerous times, most recently winning four department and college teaching awards in the past two years. He has published more than 40 refereed journal articles and proceedings papers, and been the principal or co-principal investigator for more than 70 research proposals from many diverse funding agencies. His research areas include urban stormwater modeling, low impact development, watershed and floodplain management, hazard mitigation, geospatial visualization, and infrastructure GIS,. He teaches classes in GIS, land development, and water resources within the Department of Civil and Environmental Engineering at Virginia Tech.

Andrew Walther, P.Eng., is a transportation engineer and principal of APW Engineering Inc. Andrew specializes in the implementation of AutoCAD Civil 3D to public and private sector organizations. Andrew's work includes training, business process analysis, standards development and data management. Andrew has worked with federal, state, provincial and municipal governments, and engineering and construction companies across North America. Andrew also authors Autodesk AOTG Civil 3D courseware and publishes video based internet learning using vBooks.