



Al Shacklett

ORCA founder and Principal Al Shacklett has been a pioneer in developing and applying state-of-the-art analysis methodologies for the leisure industry over the past thirty years. His ongoing experience in direct project analysis has made him a leading expert in the field of capacity and circulation planning, contributing to the successful development of theme parks, national parks, museums, aquariums, zoos, science centers, visitor centers, fairs and expositions, and transportation systems around the world.

Al's professional career began after military service and graduate school as an industrial engineer with the Walt Disney Company where he was involved with project development and optimization for theme parks, transportation systems and resorts. Al's work as Manager of Parks Industrial Engineering entailed conducting studies and working with Disney planners and operations management to improve the efficiency and productivity of facilities and operations. As Manager of Industrial Engineering Project Development, he was integrally involved with the development of many major Disney projects, including Euro Disneyland and the Disneyland Resort in Anaheim

Since founding ORCA (Operations Research Consulting Associates) in 1993, Al has helped dozens of clients develop effective public spaces and facilities by applying the knowledge and unique services he developed at Disney. Al's input includes sizing and layout recommendations to guide architects and designers as well as creative solutions to improve less-than-ideal spaces in existing facilities.

Al has been an invited speaker at professional conferences, was nominated for outstanding achievement in Operations Research, and was featured on ABC's 20/20 program as an expert on visitor queuing lines. He also taught as an Industrial Engineering adjunct professor at the University of Central Florida in Orlando, Florida.

Al's educational background includes majors in Mathematics, Operations Research, and Industrial Engineering at the U.S. Naval Academy and the University of Florida. He received his Master of Science degree in Industrial Engineering from the University of Florida.