ABOUT THE EDITOR

Joel M. Haight, Ph.D., P.E., is Branch Chief of the Human Factors Branch at the Centers for Disease Control and Prevention (CDC)—National Institute of Occupational Safety and Health (NIOSH) at their Pittsburgh Office of Mine Safety and Health Research. Previously, he was Associate Professor of Energy and Mineral Engineering at the Pennsylvania State University. He also worked as a manager and engineer for the Chevron Corporation domestically and internationally for eighteen years prior to joining the faculty at Penn State. He received a Ph.D. (1999), and Master’s degree (1994) in Industrial and System Engineering, from Auburn University. Dr. Haight's research interests are in human error, process optimization, and intervention effectiveness research. He is a Professional Member of the American Society of Safety Engineers (where he serves as Federal Liaison to the Board of Trustees and the ASSE Foundation Research Committee Chair), the American Industrial Hygiene Association (AIHA), and the Human Factors and Ergonomics Society (HFES). He has published more than 30 peer-reviewed scientific journal articles and book chapters and is a co-author and the editor-in-chief of ASSE’s The Safety Professionals Handbook and the Handbook of Loss Prevention Engineering, published by John Wiley & Sons.

ABOUT THE AUTHORS

Magdy Akladios, P.E., CSHM, CSP, is an Associate Professor at the University of Houston–Clear Lake (UHCL) from 2011–present, before which he was an Assistant Professor at UHCL from 2005 to 2011. Prior to coming to UHCL, he was an Assistant, then Associate Professor at West Virginia University from 1996–2005. Dr. Akladios’ education includes a Ph.D. in Industrial Engineering, a Master’s degree in Industrial Engineering, a Master’s degree in Occupational Safety & Health (Industrial Hygiene), an M.B.A, and a B.S. in Mechanical Engineering. In addition, he is a Board Certified Safety Professional (CSP), a Professional Engineer (PE), a Certified Professional Ergonomist (CPE), a Certified Safety & Health Manager (CSHM), and a Certified Member of the Egyptian Syndicate for Mechanical Engineers, a member of the Human Factors & Ergonomics Society (HFES), and a Senior Member of the Institute of Industrial Engineers (IIIE). He is also a member of the Industrial Engineers’ Honorary Society (Alpha-Pi-Mu) and an ABET Program Evaluator (PEV).

Farhad Booeshaghi, Ph.D., P.E., is Adjunct Professor at the Florida State University–Florida A&M University College of Engineering and a managing member and consulting engineer at Global Engineering & Scientific Solutions, LLC.

Craig Arthur Brown, M.S., P.E., CSP, has worked as an EHS professional in the oil and gas industry for 30 years.

William R. Coffey, CPEA, CSP, is President, WRC Safety and Risk Consultants. Section Coordinators/ Authors xiii

Carter J. Kerk, Ph.D., P.E., CPE, CSP, is a Professor in the Industrial Engineering Department at the South Dakota School of Mines.

Adam K. Piper, Ph.D., CSP, is an Assistant Professor in the Industrial Engineering Department at the South Dakota School of Mines.

Carol Stuart-Buttle, CPE, is Principal of Stuart-Buttle Ergonomics, Philadelphia, Pennsylvania.

Steven F. Wiker, Ph.D., CPE, is the Director, Ergonomics Design Institute. He conducts research and consults in the fields of ergonomics, safety, and industrial engineering.