

A Study on the Construction of Sustainable Workplace Health Indicators in Enterprises

Yin-Che Chen

National Tsing Hua University, Hsinchu, Taiwan

Bo-Hao Ciou

National Tsing Hua University, Hsinchu, Taiwan

Hui-Chuang Chu

National Tsing Hua University, Hsinchu, Taiwan

Maintaining employee well-being is crucial for individual and organizational growth. With the rise of sustainability, workplace health services have expanded beyond preventing occupational diseases to promoting overall physical and mental health. This study explores corporate sustainable development and workplace health initiatives. A literature review, along with GRI403 Occupational Health and Safety guidelines, was used to develop a Delphi questionnaire for expert surveys. The results informed the construction of sustainable workplace health indicators, focusing on three GRI403 elements: 403-3 Occupational Health Services, 403-5 Worker Occupational Health and Safety Training, and 403-6 Promotion of Worker Health. The Fuzzy Analytic Hierarchy Process (FAHP) was then applied to rank the indicators by importance. "Promotion of Worker Health" had the highest weight (.485), followed by "Occupational Health and Safety Training" (0.313) and "Occupational Health Services" (0.202). The study offers recommendations for enterprises to assess and improve their workplace health strategies, aiming to create a sustainable and healthy environment by emphasizing health services, safety training, and worker health promotion.

Index Terms—Corporate Sustainable Development, Safety Education and Training, Promotion of Worker Health, Workplace Health, Workplace Health Services