



Invited Speaker at
100th IUPAP: 2022 International Joint Symposium of
Women in Science and Technology



Huey-Jen Su
President
National Cheng Kung University

Experience:

Dr. Huey-Jen Jenny Su is currently a Distinguished Professor of Environmental Health at the National Cheng Kung University (NCKU) in Taiwan. Her research efforts have primarily focused on the topic of air pollution related health effects, with a particular emphasis on the rising global concerns with airborne microbial hazards. She was also an expert member of the committee that prepared the World Health Organization's report concerning guidelines for biological agents in the indoor environment.

In 2015, Dr. Su became the first female President in the 85-year history of NCKU. She was honored by her alma mater with the Harvard T. H. Chan School of Public Health's 2017 Leadership Award in Public Health Practice, which recognizes a graduate who has been an outstanding example of effective leadership in the practice of public health. Moreover, Dr. Su was cited for her outstanding leadership among the top 100 award-winning researchers, academics, and innovators, and leaders in the 2018 edition of the Asian Scientist Magazine. She also received the 2017 Outstanding Research Award from the Ministry of Science and Technology in Taiwan. She was cited one of the 10 "Science Stars of East Asia" for her indoor air pollution by leading journal Nature.

Abstract:

According to the statistics from United Nations, one-fifth of the women in the world have experienced domestic abuse and one-fifth of the people in the world have encountered discrimination. These are challenges we need to address to achieve SDGs, among many others. In fact, research has shown that diversity, equity, and inclusion are the keys to innovation, creativity, greater economic gains, and a sustainable future. Although people may be divided

into different genders by their biological characteristics, it's their contribution and ability that really define them. There are many female scientists who have played a significant role in innovation and devoted themselves to research and served the globe selflessly. With these role models, we can proudly say that women do not shrink from their duties as global citizens and have led brilliant changes in a global society. Our educational institutions, regardless of scale or specialization, are with the underlying responsibilities to redefine their unique contributions locally, and globally. National Cheng Kung University (NCKU) will be presented as a case study and demonstrate how NCKU empowers its faculty and students in scientific fields such as biology, medicine, chemistry, physics, and engineering. We believe that with an uncertain future lying ahead, all of us must learn from the past, help people from all genders to stand on equal ground, and shoulder the responsibility of building a mutually prosperous future together with the society we live in.