



## **Climate Change Impacts and New Paradigm for Disaster and Emergency Management**

March 25<sup>th</sup> from 10:00am-11:00am ET

Presented by: **Dr. Sepi Yalda**, Professor of Meteorology, the Director of the Millersville University's Center for Disaster Research and Education

**Presentation Abstract:** This talk will provide an overview of the potential impacts of climate change with a specific focus on natural disasters. In the context of the major disasters over the last few years ranging from but not limited to catastrophic events such as Hurricanes Maria, Harvey and Ida, fires in California and Colorado, the prolonged droughts in parts of South and Southern Great Plains, unseasonable severe weather and tornadoes, and the significant and widespread flooding, it is important to discuss the relationship between climate change and the potential impacts on the severity and frequency of natural disasters. Furthermore, there is a critical need to consider, carefully examine, update how we prepare for and adapt to these changes in both the short term and long term in the context of climate change to improve disaster risk reduction and build more resilient communities. There exists an opportunity for the emergency management community to further align its practices considering these potential threats to reduce risks and the

impacts on lives and property.

**Speaker Bio:** Dr. Yalda is a Professor of Meteorology, the Director of the Millersville University's Center for Disaster Research and Education, and the Coordinator for the MS and BS programs in Emergency Management. She has served as an invited member on committees and boards for EMI, IAEM, the American Meteorological Society (AMS), the National Center for Atmospheric Research and the University Corporation for Atmospheric Research. She is an official consultant for the United Nations and a Fellow of the AMS.