



Gene Takle, Principal Investigator, Iowa Atmospheric Observatory

Gene has a BA degree in physics and mathematics from Luther College and PhD from the Iowa State University Department of Physics. He joined the ISU faculty in 1971 and currently holds the title of Charles F. Curtiss Distinguished Professor in Agriculture and Life Science. Professor Takle has published over 160 peer-reviewed papers in the scientific literature, mostly relating to climate change and wind energy. He is a Certified Consulting Meteorologist and Fellow of the American

Meteorological Society. Gene was a member of authoring and review teams of periodic assessment reports of the Intergovernmental Panel on Climate Change cited as co-winner of the 2007 Nobel Peace Prize. Professor Takle served as coordinating Lead Co-author on the agriculture chapter of the Third US National Climate Assessment and currently serves as a contributing author of the Fourth US Climate Assessment to be released to the public in late 2018. He is principal investigator on the Iowa Atmospheric Observatory project entitled Forced And Natural Turbulence Allowing Studies of Turbulent anisotropic Conditions (FaNTASTIC) with identical 120-m meteorological towers inside and outside an Iowa utility-scale wind farm.