

After the storm: Crown restoration pruning of storm damaged trees - Jake Miesbauer

Storm damage is a common issue faced by urban tree managers. Sometimes trees are severely damaged and need to be removed. Many more, however, receive moderate levels of damage and can be saved. When tree branches get damaged during storms they typically respond through the production of sprouting branches. Sprouts are a critical component in replacing the tree's photosynthetic capacity. As the new branches grow and develop, restoration pruning becomes an important process to help improve the structural integrity of the tree crown. This presentation will cover the process of managing trees that have been damaged in storms, from first response after the storm, through the crown restoration process.

Presenter Bio –

Jake Miesbauer is an Arboriculture Scientist at The Morton Arboretum in Lisle, IL. His research focuses on tree pruning, tree biomechanics, and tree risk management. Prior to pursuing a career as a scientist, Jake spent several years in the tree care profession as a practicing arborist, gaining insight and experience that continues to drive and inform his research. He is a Past-President of the Illinois Arborist Association, and currently serves on the Board of Directors of the Arboriculture Research and Education Academy (AREA).