

## Practical applications of GTA data in botanic gardens

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The Global Tree Assessment (GTA), a collaboration between BGCI, IUCN SCC Global Tree Specialist Group and over 500 individual experts, collated information on the conservation status of the world's tree species, finding that over 17,500 tree species are threatened with extinction. Tree extinctions can only be avoided if the best possible information is available and then used to inform conservation decisions made by practitioners, policy makers and funders. As centres of conservation action, botanic gardens can directly use the results of the GTA to prioritise activities both *in situ* and *ex situ* to protect threatened tree species from extinction. This is occurring on the level of a specific species as well as taxonomically (e.g. Global Conservation Consortia) or regionally (e.g. restoration initiatives). Additionally, botanic gardens have a unique role in educating their visitors and audiences about the importance of conservation prioritisation and protecting tree species most at risk of extinction. Through a series of case studies, this talk will demonstrate how the botanic garden community is already responding to and communicating the results of the GTA and inspire future promotion of this invaluable resource.