The ACT Experience with Mobile Device Mapping of Invasive Plants

Michael Tweedie¹, Harley Baker¹, Kirsten Tasker¹, Ian Lenon¹

ACT Parks and Conservation Service | Resilient Landscapes | EPSDD, Canberra, Australia (michael.tweedie@act.gov.au)

Summary Invasive plant control on Australian Capital Territory (ACT) public land is mapped on shared feature layers using the ArcGIS Field Maps app, and formerly the ArcGIS Collector app. The app syncs to ArcGIS Online, and can work off-line. The ACT Government was an early adopter of this Esri mobile device mapping system, having

commenced use of the original Collector app in 2014-15. There have been many benefits: prioritisation of control work, locating follow-up control sites, reporting early invaders, adaptive management, and securing increased budgets.

Keywords Mapping, mobile devices, management thresholds, apps