

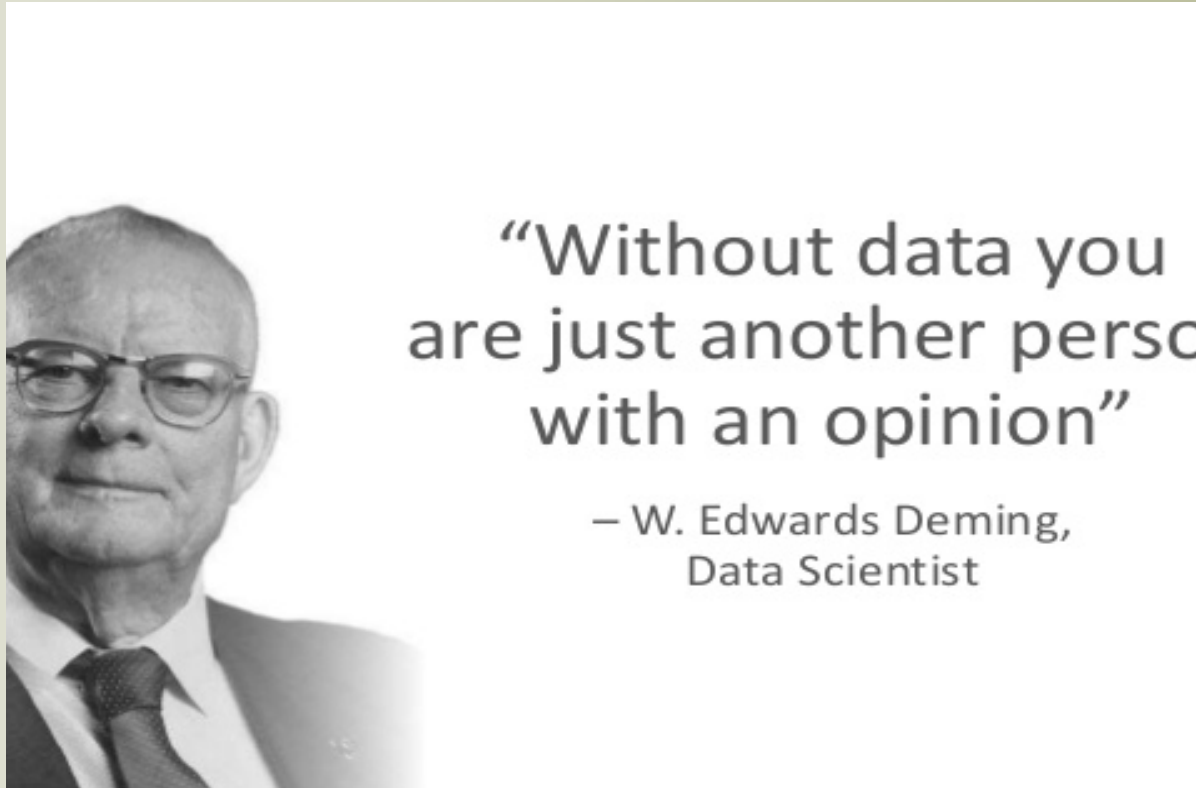


Mobile Phone field data collection

NPWS Mudgee

Background

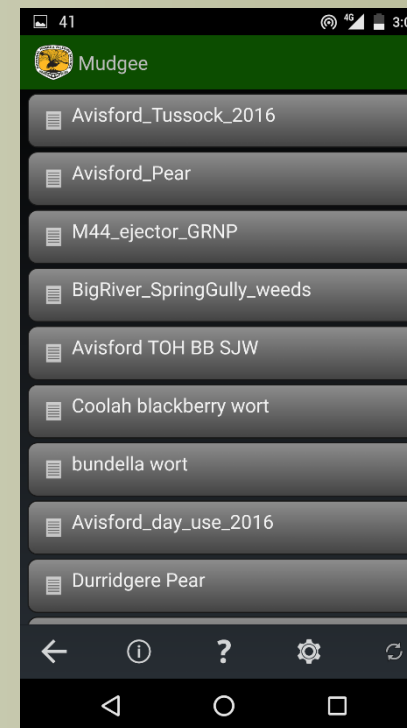
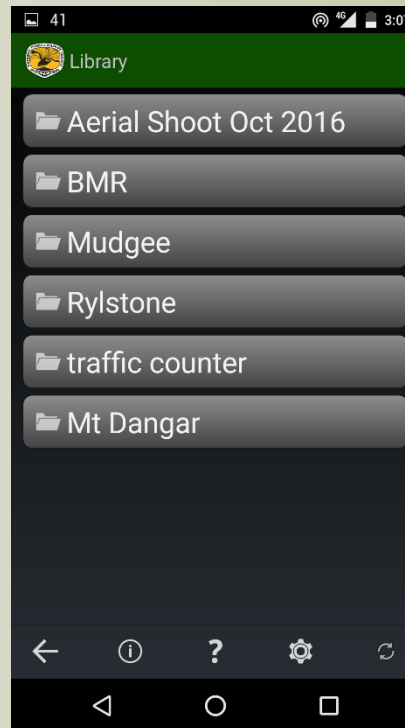
- NPWS introduced a Corporate reporting tool for pest and weed work on NPWS estate.
- The Pest & Weed Information System was developed to capture and assist with reporting on the effort, costs and outputs from NPWS's substantial investment in pest and weed management programs.
- No user friendly tool for data capture provided at the time of rollout of PWIS



IT Gods and planetary alignment

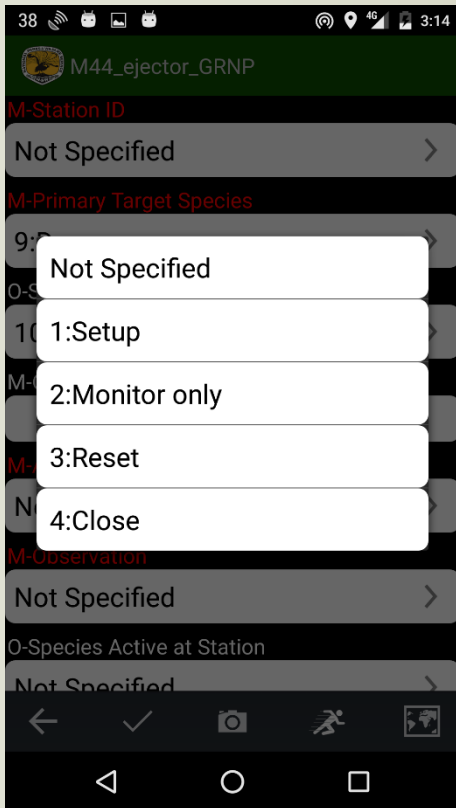
Field Manager mobile phone application developed & customised for PWIS reporting

Field Manager

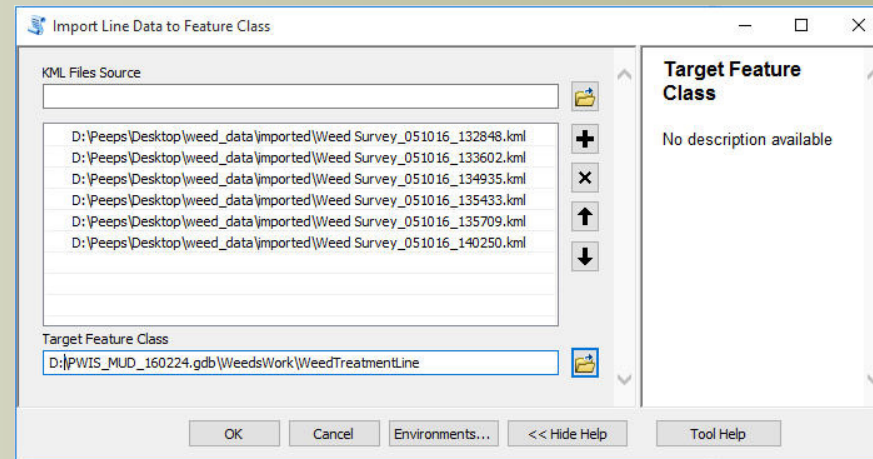


Used for a range of activities, updates and info on web site

Field Manager



Drop downs allow rapid consistent capture of details and phone set up sends data to storage.



Tool in ARCGIS to integrate data into PWIS

OUTCOMES

RPMS Summary					
Includes all pest and weed programs within Mudgee area					
Key Facts and Figures	2012/13	2013/14	2014/15	2015/16	2016/17
No. of baits laid (Fox, Dog)	37	0	1,118	1,624	405
No. of pest animals removed	0	306	32	95	7
Weed area treated (hectares)	273	1,097	1,097	1,893	0
No. of RPMS programs in AMS	43	44	34	34	34
No. of RPMS programs with AMS financial activity	22	19	25	26	8
No. of RPMS programs with Geodatabase activity	9	11	18	18	5
No. of RPMS programs with either AMS or geodatabase activity	24	22	26	26	8
Expenditure on all RPMS programs	\$170,919	\$77,448	\$297,286	\$413,522	\$107,644
No. of RPMS programs identified in ROP actions	0	0	6	5	0
No. of RPMS programs identified in ROP actions with PWIS activity	0	0	5	4	0
Expenditure on RPMS programs identified in ROPs	\$0	\$0	\$110,041	\$278,978	\$0

- **Ease of data capture and integration of that data into PWIS**
- **Involvement of field staff in developing forms and uses**
- **User acceptance high**
- **Evidence base for funding requests and future programs**