

Developing a GIS Based Mapping Tool for Noxious Weeds in Southeastern Arizona

LOGIC MODEL for PROGRAM DEVELOPMENT and ASSESSMENT

WORKSHEET

SITUATION	INPUTS	OUTPUTS		OUTCOMES – IMPACT		
		Activities	Participation	Short	Medium	Long Term
<p><i>What is the problem or need?</i></p> <p>The spread of noxious weeds on public, state trust and private lands continues to be of great concern in southeastern Arizona. The local Weed Management Area has seen an increase in the acreage of infestations in the last several years. While some survey and mapping has been done, data is housed in various places and there is no one central place to find information about infestations.</p>	<p><i>What we invest</i></p> <p>People: McReynolds, Foster, Crimmins, members of the Southeastern AZ WMA</p> <p>Equipment: geospatial toolkits, desk computer with appropriate software, plotter for making maps</p>	<p><i>What we do</i></p> <ol style="list-style-type: none"> 1. gather existing data and shape files from known sources 2. continue field surveys to gather new data 3. build program and templates for coordinated data base and maps 4. use maps at workshops to increase awareness and knowledge 5. work with cooperators on treatment options 	<p><i>Who we reach</i></p> <p>Farmers Ranchers Residents Agencies Master Gardeners</p>	<p><i>What the short term results are</i></p> <p>50 people will increase their knowledge of noxious weeds in their local area and the threat that these weeds pose</p>	<p><i>What the medium term results are</i></p> <p>Reduction in acreage of noxious weed infestation</p>	<p><i>What the ultimate impact(s) is</i></p> <p>Rapid response in control of new infestations as they are discovered</p>