Dragging Land Management into the 21st Century



Geoff Lewis GIS Analyst

(Precision guess work based on unreliable data provided by those of questionable knowledge solving problems you don't know you have in ways you wouldn't understand)

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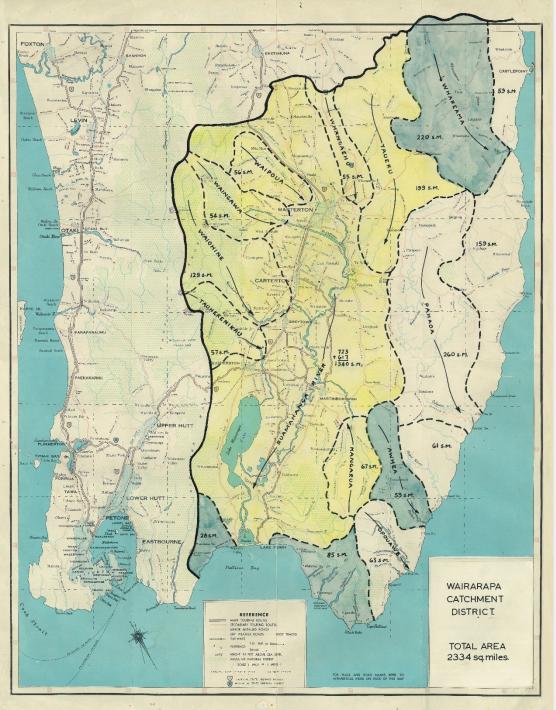
Josie Winters

Land Management Adviser

(Soil geek, erosion fanatic, and agricultural enthusiast. I work with and for farmers, make maps, plant trees, help improve sustainability)

Why would we share??

- Wish to share our learnings to help you build your own bridge of understanding.... And help you reach a state of bliss
- You can get awesome outcomes from ordinary workflow
- Sometimes there is more value in setting up the filing system than the Matrix





Wairarapa Catchment Board established in 1944 for the purpose of soil and water conservation



One way to reduce erosion on steep land is by planting poplar and willow poles on land assessed to be at risk under the Wellington Regional Erosion Control Initiative



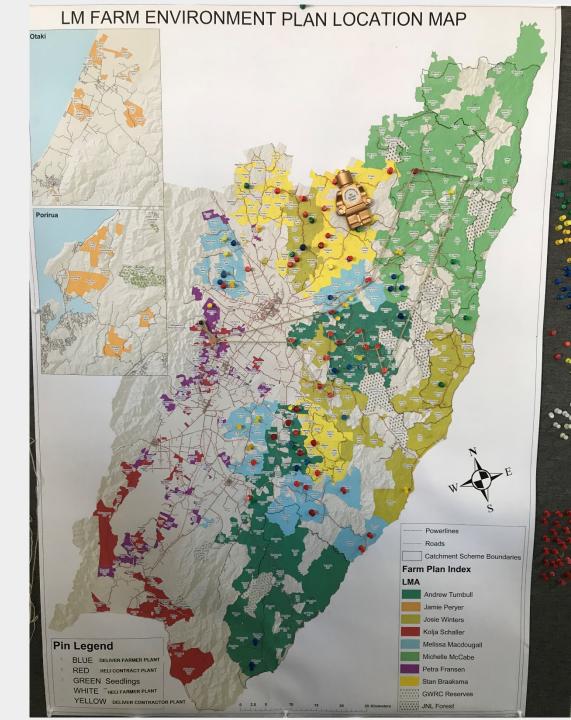


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Understand the workflow forget the system

Pick a bite sized starting point

(something that probably can't get worse...)



Introducing the Editor Range

Learning from the last person you should be learning the (non-existent) protocols from



The Over achiever who puts in more that anyone cares about but may become useful some day....

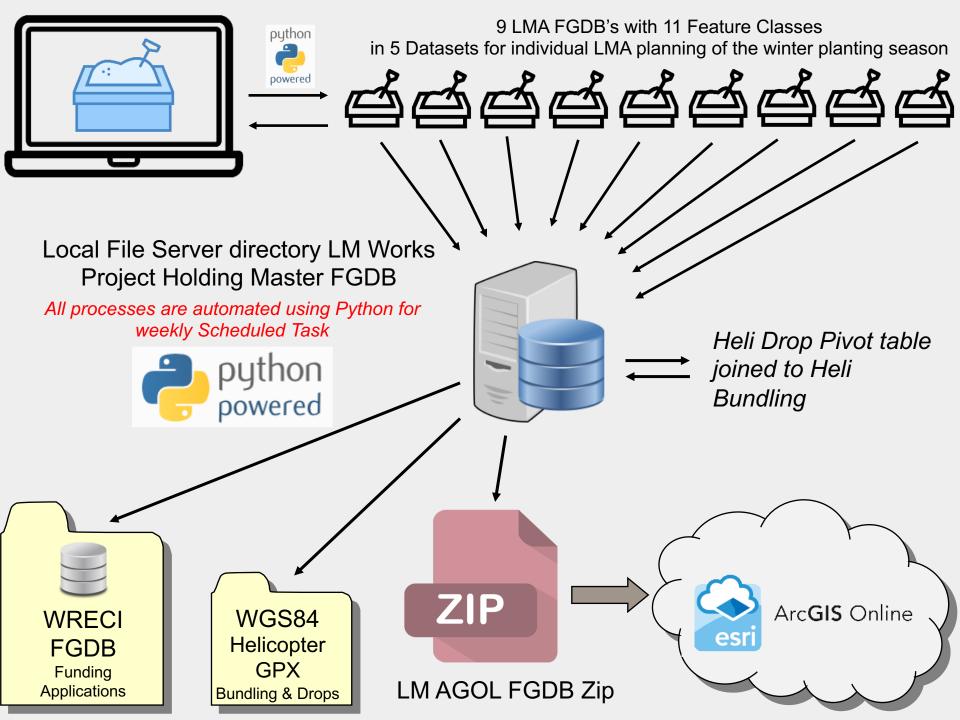
Polygons with no attributes and inconsistent feature names

The Draw tool 😐



Contain the Chaos







Land Management Field Supervisor Map

So What Next??





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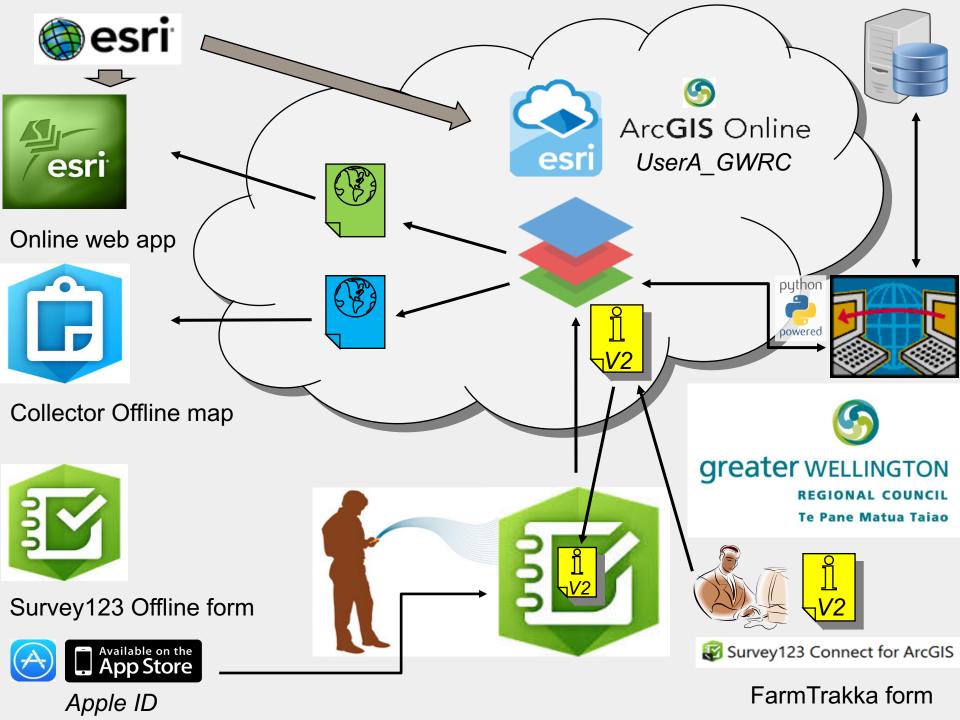
Understand the workflow forget the system



Survey123 Land Management FarmTrakka (Thanks Willie)

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What we got learned...

- Find a friend and don't give up at the first No...
- Learn to translate, you may not have asked the right question
- Understanding work flows is the beginning
- Schema is everything

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- Establish base data Farm Plan Index as the Word of God
 - Generous use of drop downs and defaults to hook the users
 - Python scripts run as scheduled tasks FTW
 - ModelBuilder is your friend
 - Think forwards and backwards to identify the solution
 - Future proof with user numbers not names
 - Training and support for stress free transition
 - DIY means flexibility with user defined symbology
- Most iPhone users don't know how to use an iPhone

Josie will now answer questions