



HERDING CATS IN THE GIS COMMUNITY

-OR-

Getting a statewide GIS project off its feet (paws?)





The daydreams of cat herders



The Cat Herd in Maine



464 Organized Towns
16 Counties
COGs and RPCs
State Government
Federal Government
Nonprofits
Private business
Universities



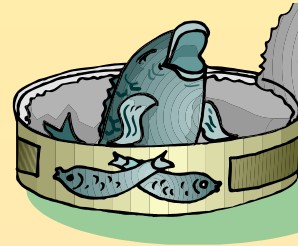
How to head them all in the same direction?



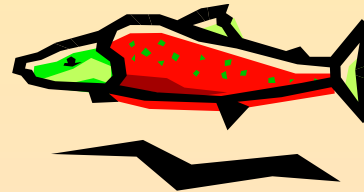
Case in point – how to get everyone working together on a statewide orthoimagery program?



Step 1: Find out what they like



Tuna?



Salmon?



Chicken?



Step 1: Find out what they like

Cities and larger towns: high-resolution orthoimagery



**Portland:
3" or 6" resolution**



**Gardiner:
6" or 12" resolution**



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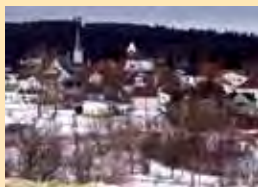


**Gardiner:
6" or 12" resolution**

Smaller rural towns: medium-resolution orthoimagery



**Swanville:
24" resolution**



**Calais:
12" or 24" resolution**



Step 1: Find out what they like

Cities and larger towns: high-resolution orthoimagery



Portland:
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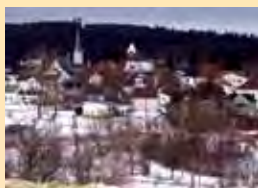


Gardiner:
6" or 12" resolution

Smaller rural towns: medium-resolution orthoimagery



Swanville:
24" resolution



Calais:
12" or 24" resolution

Out in the boonies: medium-resolution orthoimagery



Grand Lake Stream:
1m resolution



T13 R12 WELS:
1m resolution



Step 1: Find out what they like

State and federal government: medium-resolution orthoimagery



24" in organized towns



1m in the hinterlands

Everyone: leaf-off collect!



Step 2: Know their schedule



**Sleep: 20
hours/day**



**Eat: 1
hour/day**



**Goof off: 2.75
hours/day**



**Business: 15
minutes/day**

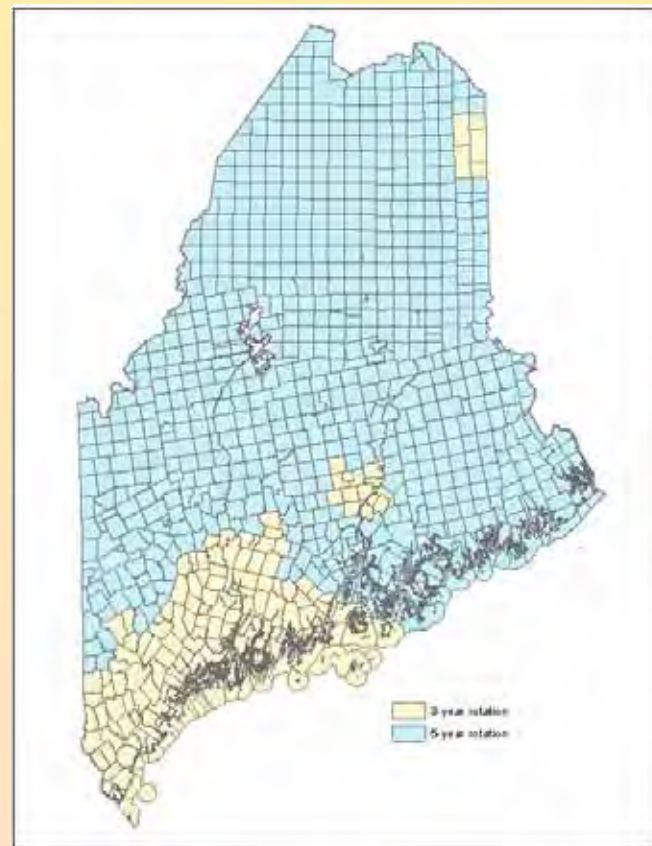


Step 2: Know their schedule

More settled areas: refly every 3 years



Less settled areas: refly every 5 years





Step 2: Know their schedule

Town budget cycles vary, some July-June, others Jan-Dec, typically annual budgets

County budgets vary like town budgets

State budget cycle is July-June with a biennial budget

Federal budget cycle is Oct-Sept with an annual budget





Step 3: Offer them a treat





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Buy-up opportunities built on top of the state program

Much cheaper than “going it alone”

GSD	Map Scale	ASPRS Horizontal Accuracy Level	Tile Size	4-band RGB/IR Color Orthos		
				0-30 sq mi	31-1000 sq mi	> 1000 sq mi
				New DTM needed		
3"	1"=50'	Level 1	867x629	\$919.60	\$908.60	\$897.60
3"	1"=50'	Level 2	867x629	\$477.40	\$466.40	\$455.40
6"	1"=100'	Level 1	1735x1258	\$268.40	\$257.40	\$246.40
6"	1"=100'	Level 2	1735x1258	\$151.80	\$140.80	\$129.80
12"	1"=200'	Level 1	3470x2516	\$103.40	\$92.40	\$81.40
12"	1"=200'	Level 2	3470x2516	\$69.30	\$58.30	\$47.30
24"	1"=400'	Level 2	6941x5032	\$46.20	\$35.20	\$24.20
				Existing DTM		
3"	1"=50'	Level 1	867x629	\$906.40	\$895.40	\$884.40
3"	1"=50'	Level 2	867x629	\$464.20	\$453.20	\$442.20
6"	1"=100'	Level 1	1735x1258	\$255.20	\$244.20	\$233.20
6"	1"=100'	Level 2	1735x1258	\$138.60	\$127.60	\$116.60
12"	1"=200'	Level 1	3470x2516	\$90.20	\$79.20	\$68.20
12"	1"=200'	Level 2	3470x2516	\$56.10	\$45.10	\$34.10
24"	1"=400'	Level 2	6941x5032	\$33.00	\$22.00	\$11.00

*These costs are tentative and meant for budgetary purposes.
The GeoLibrary Board cannot commit to these costs until a contract is signed.*



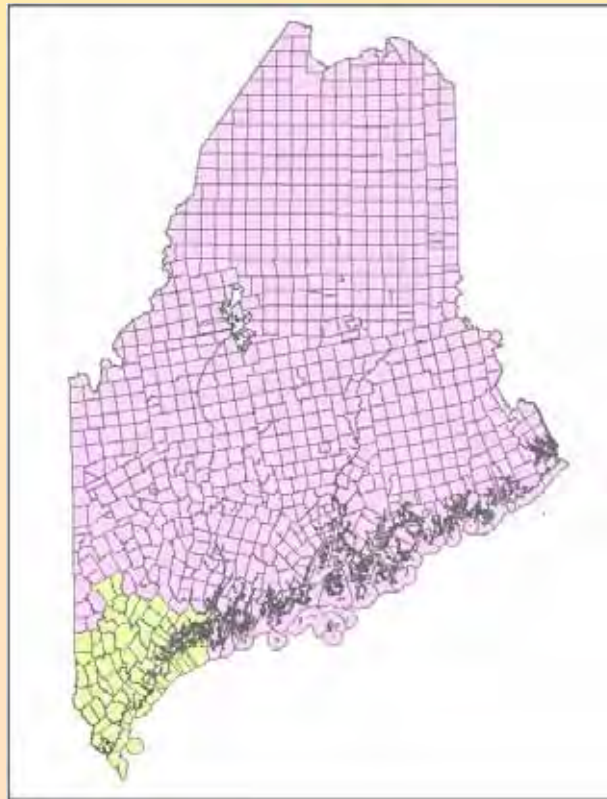
Step 4: Put it all together





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Joint funding model between counties, state, and feds at baseline specifications of 2' and 1m imagery 3-5 years.





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Joint funding model between counties, state, and feds at baseline specifications of 2' and 1m imagery 3-5 years.

Buy-up opportunities of many varieties for towns and COGs





Getting the Word Out

Advantages are huge to cooperation.

Meetings with counties working well and they are on board.

State and federal money still uncertain!





How you can help

Write me a check for \$2 Million.

If you can't afford that, then:



Read about the plan at our website www.maine.gov/geolib

Talk to your county/city/town about the plan and how it will save \$\$

Discuss the program with state legislators and the governor's office

