

Cultural Challenges and Changes



National Biological Information Infrastructure



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Biodiversity Informatics Cultural Challenges

*Data Sharing

Intellectual Property Rights

Open Access Publication

Biodiversity Informatics Costs and Benefits

*Digitization

*Mobilization

Applications

Integration

Challenge: Engender publisher participation.

Solution: Show benefits. Show respect.

- begin with those who have no doubts
- lead by example
- preserve the integrity of the original data
- concede control to data publishers
- liberate resources
- create opportunities

Challenge: Promote the value of publishers.

Solution: Engage users, improve collections.

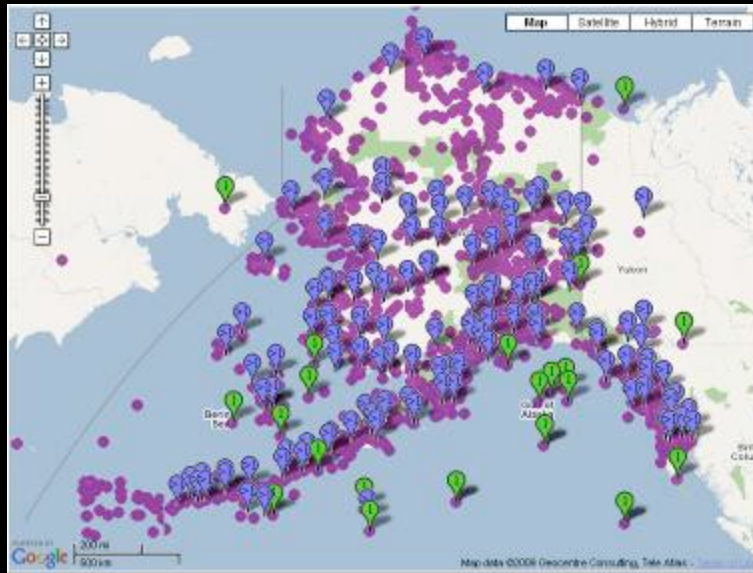
- increase publisher visibility
- preserve the identity of the data source
- show usage
- provide tools to demonstrate value

Challenge: Maintain publisher interest.

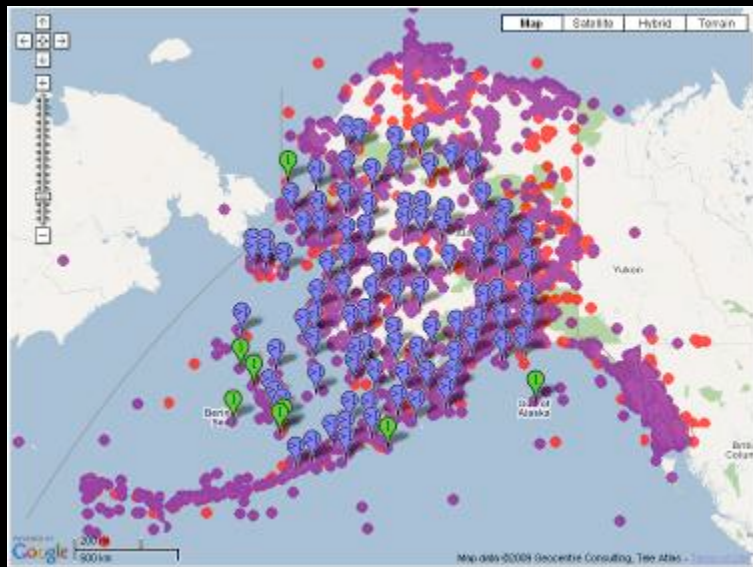
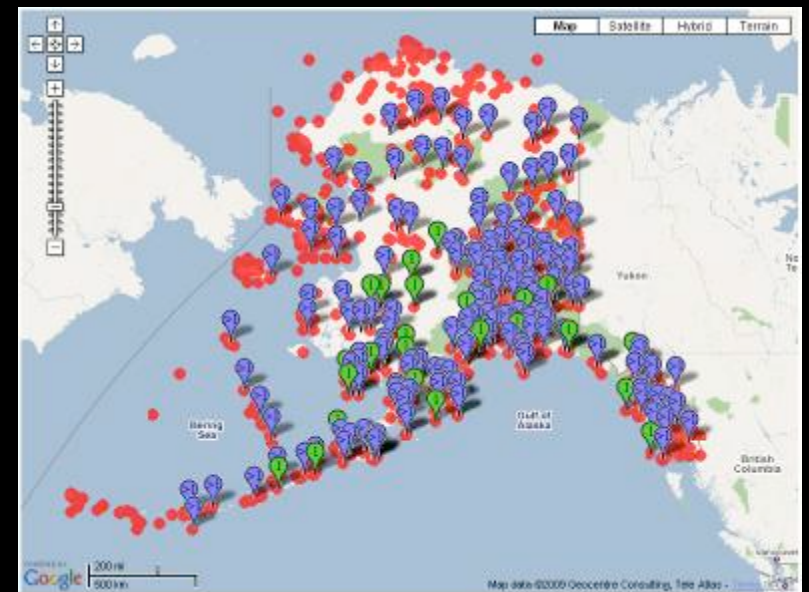
Solution: Connect the publisher with users.

- accommodate the dynamic nature of data
- provide quality feedback mechanisms
- provide tools for quality improvement
- provide tools to ask interesting questions

Cultural Changes: Impact



Before UAM:
41074 specimens
535 species
7674 locations



With UAM:
47668 specimens (16% increase)
647 species (21% increase)
10057 locations (31% increase)

