

Wyoming Pilot Report

WGA Wildlife Council Meeting

Dec 1, 2010

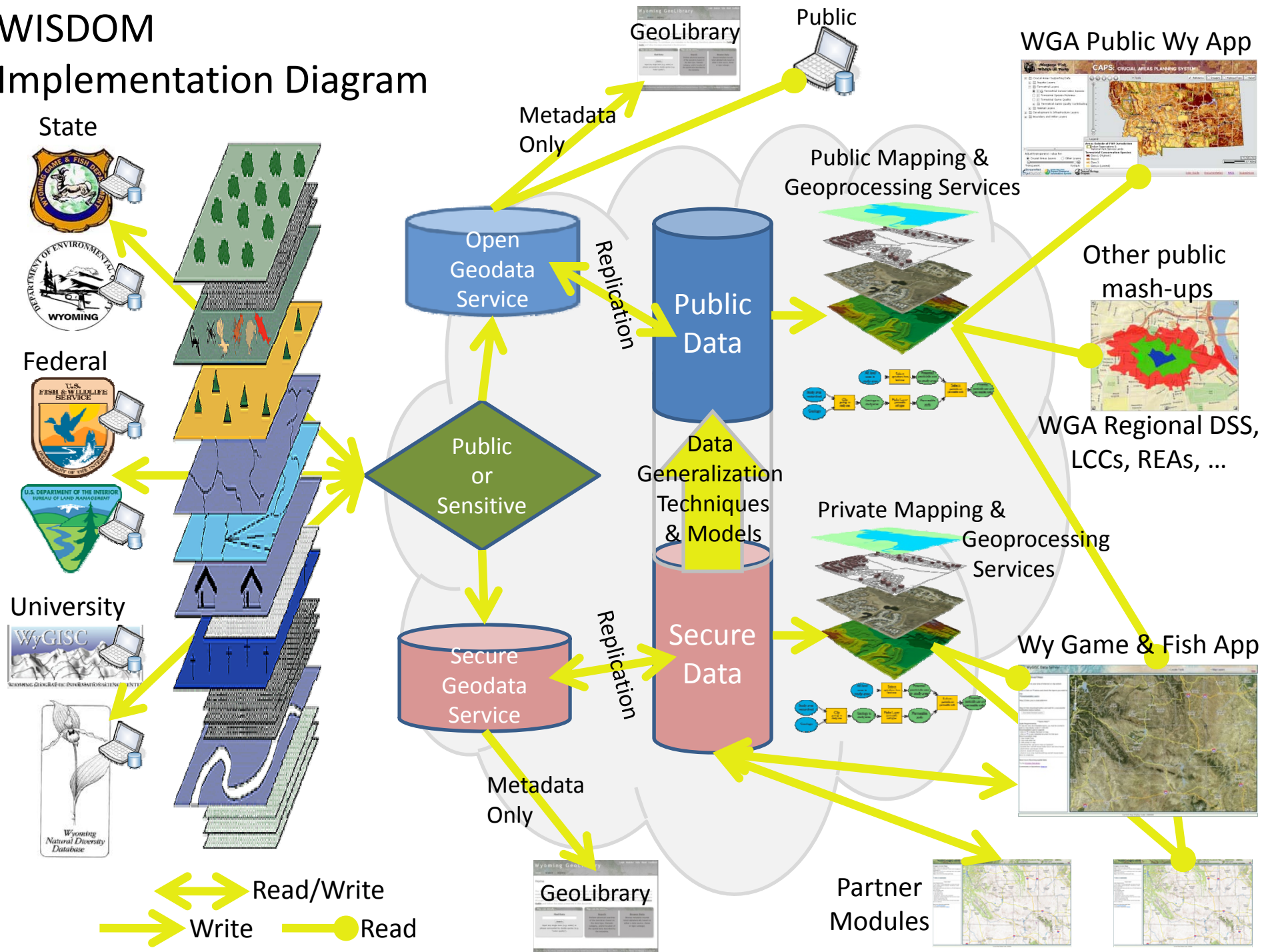
Mission

- *Develop and implement a standard protocol and methodology for creating, storing, maintaining and disseminating environmental and wildlife data for a collection of data providers... – Data Management and Distribution*
- *while at the same time making available the most current and accurate spatial representations to a wide network of users in an efficient and timely manner. – Data Access*

Outcomes

- Creation of the Wyoming Interagency Spatial Database and Online Management (WISDOM) System
 - A collection of biological and anthropogenic spatial data maintained within a centralized database by a partnership of data providers.
 - Procedures and methodologies for generalizing sensitive spatial data for public use
 - Public access via Internet services (i.e. geodata and mapping) to generalized and non-sensitive spatial data.
- Creation of three applications accessing WISDOM for project development guidance and commenting
 - Public, Wyoming G&F Dept, and partner (TBA)
- Creation of three teams to guide and contribute to the System
 - Oversight Committee
 - Database Management Team
 - Application Advisory Group
- Long-term commitment to maintaining and updating System

WISDOM Implementation Diagram



Spatial Database System Content

- All available spatial data identified as Tier 1 & 2 in DSS Whitepaper
 - WyNDD (Wyoming Heritage Program) species distribution models and observation data
 - WGFD crucial habitat and migration corridor spatial data
 - WGFD SWAP spatial data
 - WGFD Sage-grouse database
 - WGFD WOS database
 - Many more(using whitepaper for guidance)
- Available anthropogenic spatial data
 - E.g. oil & gas wells, wind turbines, fences, roads, etc
- Base data and other supporting information
 - E.g. aerial photos, political boundaries, land cover, etc

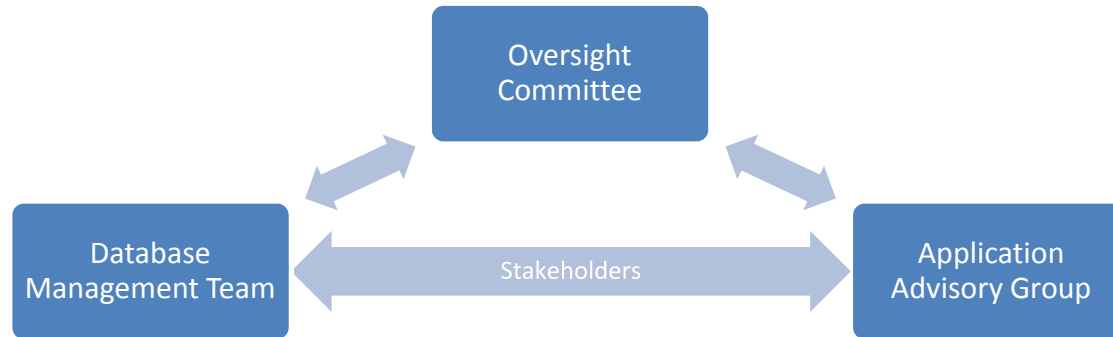
Determination of Non-agency Data Use in WISDOM

- Agreed by Data Management Team and/or Application Advisory Group as important
- Data Management Team will assign data manager role for these data
- Must have metadata
- Scale requirements, quality assurance, currency (to be determined – Data Management Team)

Timeline of Major Milestones

Outcomes	Due Date	When majority of tasks occurring			
		Year 1 (7/10 – 12/10)	Year1 (1/11 – 6/ 11)	Year 2 (7/11 – 12/11)	Year 2 (1/12 – 6/ 12)
Charter signed with commitment by partnering groups	11/10				
Development of Spatial Database System (beta/final)	3/11				
	9/11				
Public Application Development (beta/final)	5/11				
	11/11				
Internal WGFD Application Development (beta/final)	9/11				
	3/12				
Partner Module Application Development (beta/final)	4/12				
	5/12				

Partnerships - Defined by Teams



Oversight Committee (policy makers & managers)

- Goal: Provide effective leadership and direction for the overall project.
- Participants:
 - Federal: BLM , NRCS, USFWS
 - State: OSLI, DEQ, WGFD, WyDOT
 - University: WYNDD, WYGISC
 - Non-profit: TNC

Database Team (data managers & GIS “wonks”):

- Goal: Guide and participate in the design, development, and maintenance of a centralized and web-accessible spatial database system.
- Participants: USFWS, BLM, WGFD, DEQ, WYNDD, WYGISC

Application Advisory Group (project-level decision makers):

- Goal: Advise and test the development of three web-based applications.
- Participants: NRCS, OSLI, WGFD, WyDOT, WYGISC, TNC

Partnerships - Project Charter

- Similar to an MOU among partners of this effort indicating their willingness to contribute personal time and/or \$\$ to the effort.
- Gives project description, deliverables and general time line.
- General duties, responsibilities and expectations of teams
- Long-term commitments to maintain spatial data by data providers
- Developed by WGFD
- Final copy being distributed & signed by each agency represented in the oversight committee

Stakeholder Involvement

- Team Participation
- Website
- Public commenting period with public application

Wildlife Corridor Data

- Maintained and updated in WISDOM

Climate Change Information

- Climate change models could be included in WISDOM

Support of Regional WGA DSS

- Provides access to geodata and mapping services to incorporate into region efforts
- Develop public application that follows guidelines set by WGA pilot sub-group for consistency
- Provide derived/generalized sensitive spatial data that follows guidelines or standards set by WGA pilot sub-group (e.g. one square mile “roll-up”)

Additional Steps Necessary for Support of Regional DSS

- Work with surrounding areas to examine data completeness/consistency at border.
- GNLCC funding to hire AWECC in order to explore data compatibility and consistency with Idaho and Montana & update/refine Wyoming layers

Current Project Efforts

- Oversight Committee formed and met late Sept
- Charter being finalized and signed by cooperating entities
- Database Management Team
 - Working on data inventory and assessment document
 - Providing feedback on work plan
 - 1st meeting early Nov,
 - 2nd meeting Dec 7th
- Website being developed
 - Provides information and solicits feedback from all groups
- Detail Work Plan delivered to WGFD
- Data inventory and assessment worksheet being reviewed by Data Management Team