

ADVANCEMENTS IN NATIONAL CADASTRAL ACTIVITIES

David Claypool – Ramsey County Minnesota

Bob Ader - BLM

National Strategy

n National Cadastral Strategy

- Improve the availability and quality of real property information to support decision making at all levels of government and the private sector.

National Strategy

n National Cadastral Strategy

- Users and decision makers will be able to access and use property information to meet their ongoing land record needs as well as broader more regional needs such as strategic planning and responses to emergency situations.

National Strategy

n National Cadastral Strategy

- Partnerships and collaboration are an absolutely critical element in attaining the vision of a National Cadastral Data Infrastructure. Thus, coordination and collaboration where all participants have an equal say. Issues are discussed openly and objectively.

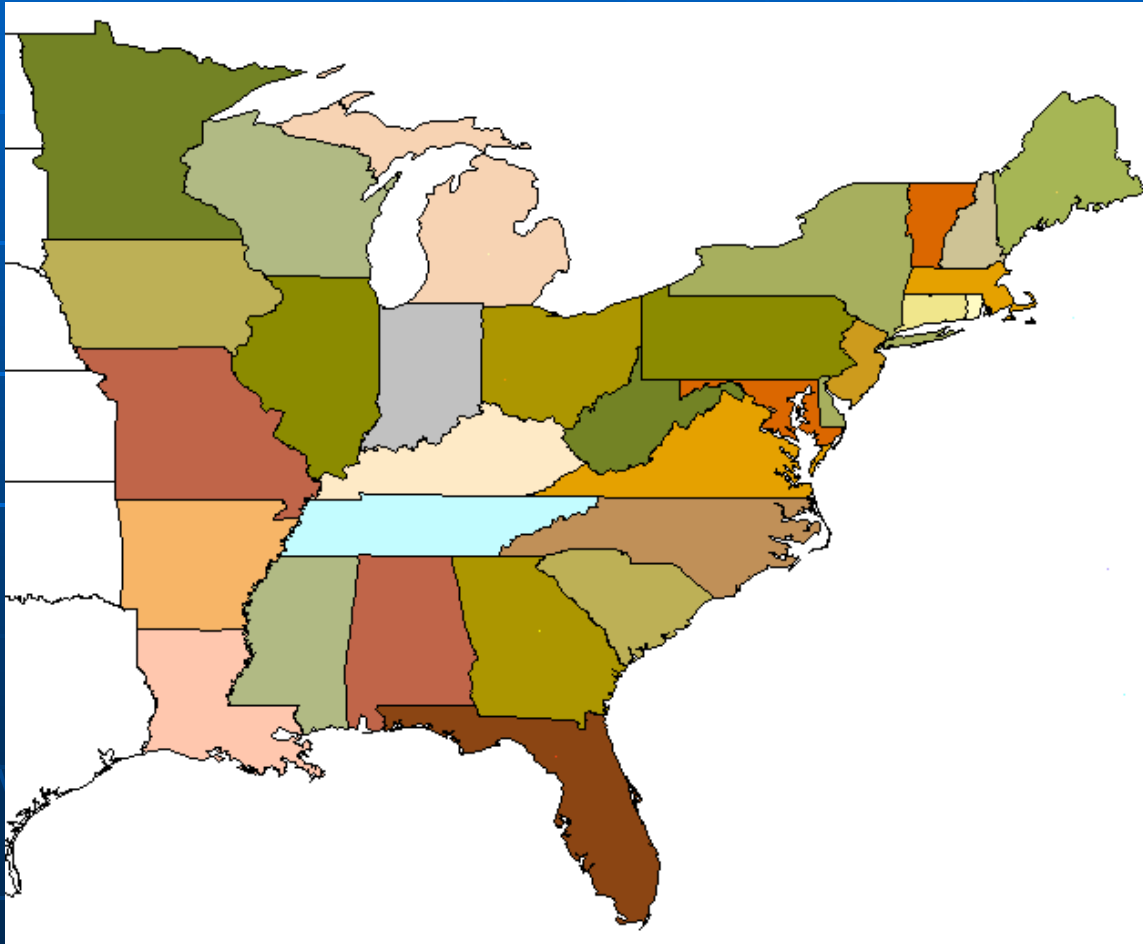
National Strategy

n Eastern and Western Cadastral Strategy

- Active working steering committees with eastern and western coordinators.
- Address issues specific to the east, such as hurricanes, and the west, such as wildland fires and energy management.

National Strategy

n Eastern Cadastral Strategy



National Strategy

n Eastern Cadastral Strategy Drivers

- facilitating economic growth,
- authorizing the use of land resources,
- maintaining livable communities,
- providing for individual and community safety and security,
- supporting public health systems,
- responding emergency situations more effectively, and
- providing a community sense of well being.

National Strategy

n Western Cadastral Strategy Objectives

- Establish partnerships across government organizations and private industry.
- Develop, update, and maintain “Core” level data
- Integrate the collection and maintenance of cadastral data
- Develop and Adopt Common Practices
- Develop state strategies and detailed plans
- Establish and implement collaborative measures
- Obtain additional funding resources to assist designated rural counties.

NSDI Inventory Tasks

n State Contacts

n State Programs

n Cadastral Inventory

n Standard Compliance

NSDI Inventory Tasks

n State Contacts

NSGIC Survey for Contacts (Bill Johnson,
David Stage and Bill Ferguson)

Nationalcad state contacts interface

IAAO – Department of Revenue contacts

NACo – Survey contacts

NSDI Inventory Tasks

n State Contacts

Land Records Inventory

<http://www.nationalcad.org> - Land Records Inventory - GIS Contacts - Microsof...

STATE CADASTRAL CONTACTS BY ORGANIZATION FOR THE STATE OF MINNESOTA

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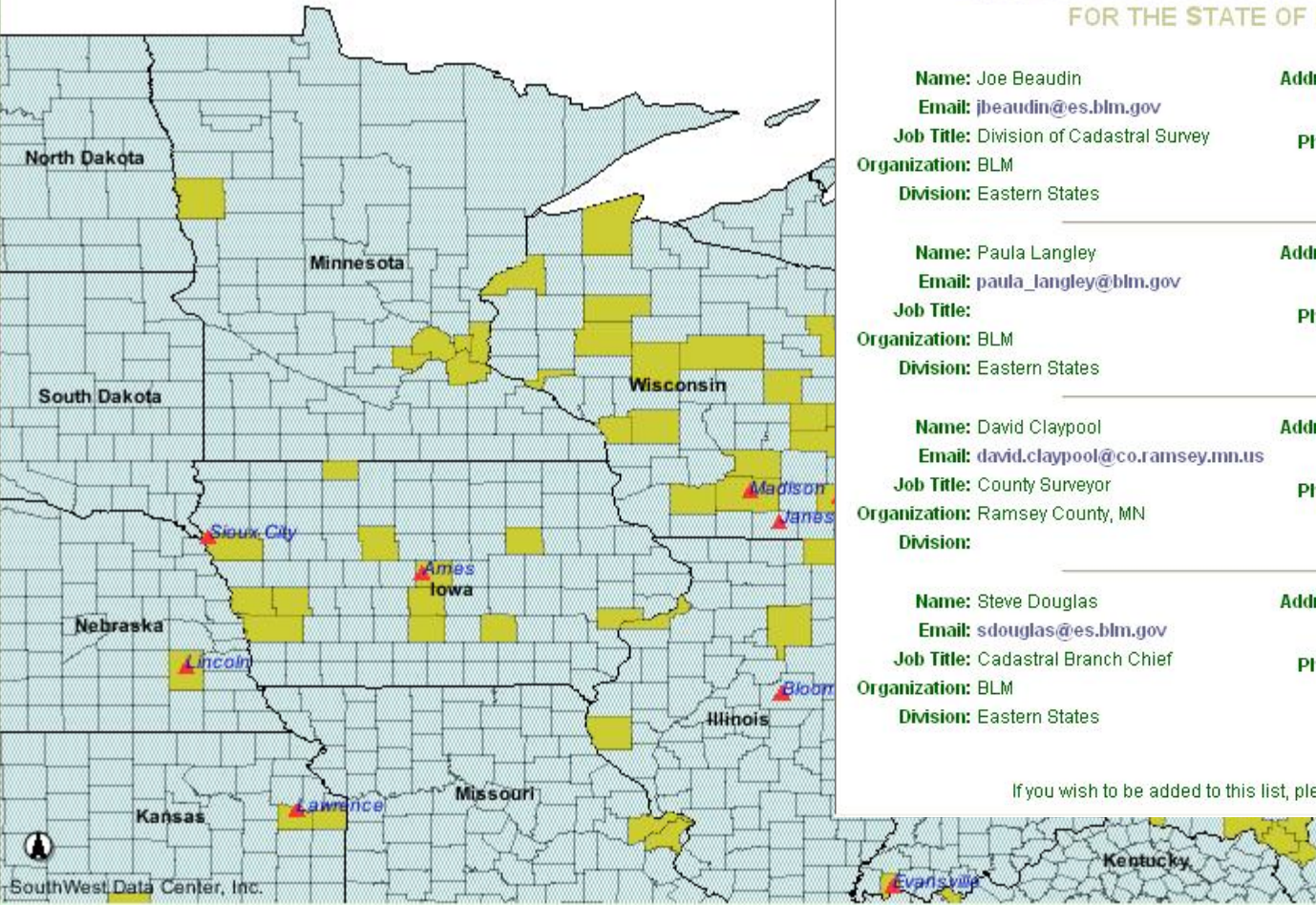
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If you wish to be added to this list, please contact **Bill Ferguson**.

SouthWest Data Center, Inc.

Zoom In



NSDI Inventory Tasks

n State Programs

David Stage and Stu Kirkpatrick

to identify the *best practices* of state parcel conversion programs with an emphasis on facilitating parcel conversion from paper to digital maps in smaller communities.

NSDI Inventory Tasks

n State Programs

Seven states have been identified as potential models:
Alabama, Arkansas, Florida, Montana, North Carolina,
Tennessee, and Wisconsin.

The *Information Management Best Practices Criteria* will be used as a basis to categorize criteria which are:

- Effect a measurable change in performance.
- Be applicable to a broad spectrum of organizations.
- Be proven in practice.
- Utilize proven technologies
- Ensure an acceptable level of control and risk management
- Match the skills and capabilities of the organization

NSDI Inventory Tasks

n State Programs

The following information will be collected.

A trend analysis contrasting states with and without conversion programs.

- The quantity and sources of funding provided to the counties.
- The value land management agencies place on parcel data.
- Quantification of improved services and man hours saved if parcel data is available.

Simple descriptive statistics will be used illustrate value and trend analysis will be used to quantify differences.

NSDI Inventory Tasks

n State Inventory

- State-by-State Survey

- n state survey document on Nationalcad.org

- n Review of critical counties in the west

- n Survey method and process and timing

n Federal Inventory

- Added federal agencies this year

- Federal agency web survey

NSDI Inventory Tasks

n Standard Compliance

Based on the compliance grid for Production data

Element	Estimated Percent Compliant
Data Definitions	
Data Relationships	
Domains of values	
Data Completeness	
Total Percent (equal weight of all components)	

NSDI Inventory Tasks

n Standard Compliance

Based on the core data criteria for Publication data

Data Publication

- n Freely available

Data Standardization

- n Reflects the Cadastral Core Data Standard
- n Provides linkages to additional source information
- n Can be integrated across jurisdictional boundaries
- n Built from common and agreed to spatial definitions of common boundaries and common features

Data Documentation

- n Metadata documentation is current

Data Integrity (quality and currency)

- n Maintained and kept current by the data provider
- n Shared stewardship approach to data maintenance
- n Allows for "merge on demand" or "grab and go" which is the ability to combine information on an as needed basis from multiple sources

Cadastral Stewardship

- Goals

To quantify the benefits of and applications for properly recovered and accurately surveyed corners on state boundaries

- Participants

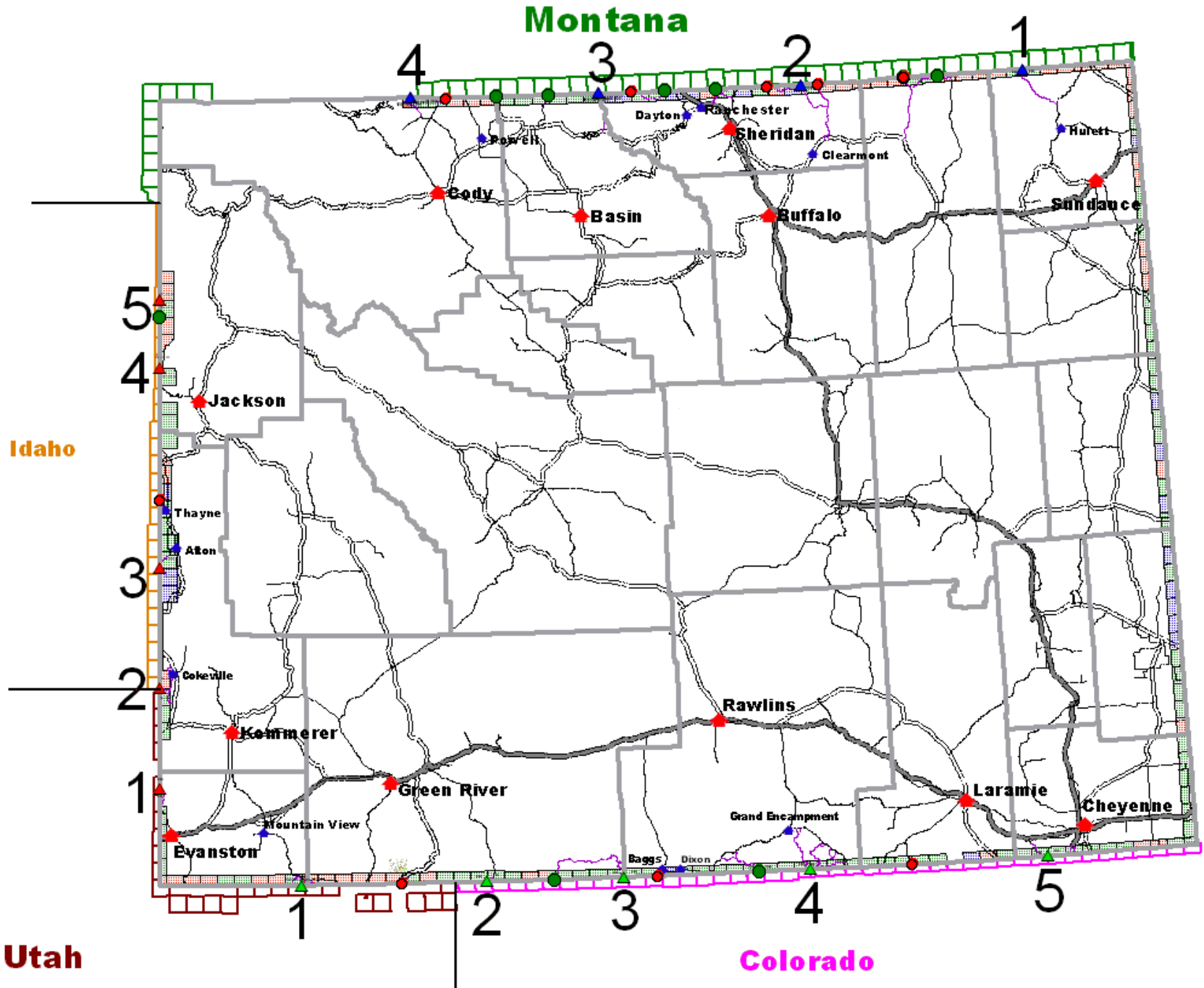
Colorado, Utah and Wyoming GCDB offices and cooperating state and county entities



Points of
common control
versus
Vertical
integration







Standards

- n Cadastral Content Standard Update
- n GOS Standard
- n Business Process Profiles

Cadastral Workshops

- n Wild Land Fire Workshop
- n Energy Workshop

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► **Eastern Steering Committee**

► **Western Steering Committee**

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► **Cadastral Standards**

► **Land Records Inventory**

► **Search and Query**

DOCUMENT DETAILS

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An Assessment of Best Practices for Managing Information on Rights and Leases in Coastal Waters

Author: David Stage
Eastern Cadastral Coordinator

Version: Final

Document Type: Project Reports

Date: 8/29/2004

Abstract: Coastal waters under United States jurisdiction are transitioning from a sparsely utilized environment of zone-based activities to a more highly used and impacted area with an increasing number of place-based activities. Coastal resource managers are seeing increased pressures on commercial and recreational fishing while improvements in technology are allowing place-based businesses such as undersea mining, aquaculture, and wind and wave energy to increase in number and extend further from shore. Effective strategies for managing coastal resources are dependent upon information, although it is difficult to share information between agencies because of inconsistencies in information management strategies. Methods that had been adequate for managing zone-based activities make it difficult to take full advantage of new technology that could greatly facilitate information exchange. The situation is further exacerbated by some large gaps in the information infrastructure in nearshore waters. The purpose of this assessment is to identify the principle information management issues in coastal waters, reconcile the different approaches and seek ways to build the missing infrastructure.

Keywords: Coastal Cadastral

Related Projects & Committees: FGDC Cadastral Subcommittee
Eastern Cadastral Steering Committee

URLS: <http://www.nationalcad.org/data/documents/CoastCadFinal.pdf>

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