

Utah Water Users Workshop March
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**THE
MIGHTY
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OF
UTAH
WATER RIGHTS**



1 Efficient Application Processing

2 Water Right Data Enhancements

**3 Measurement and Automation
Devices**

4 Groundwater Management

**5 Accelerate General Water
Right Adjudications**

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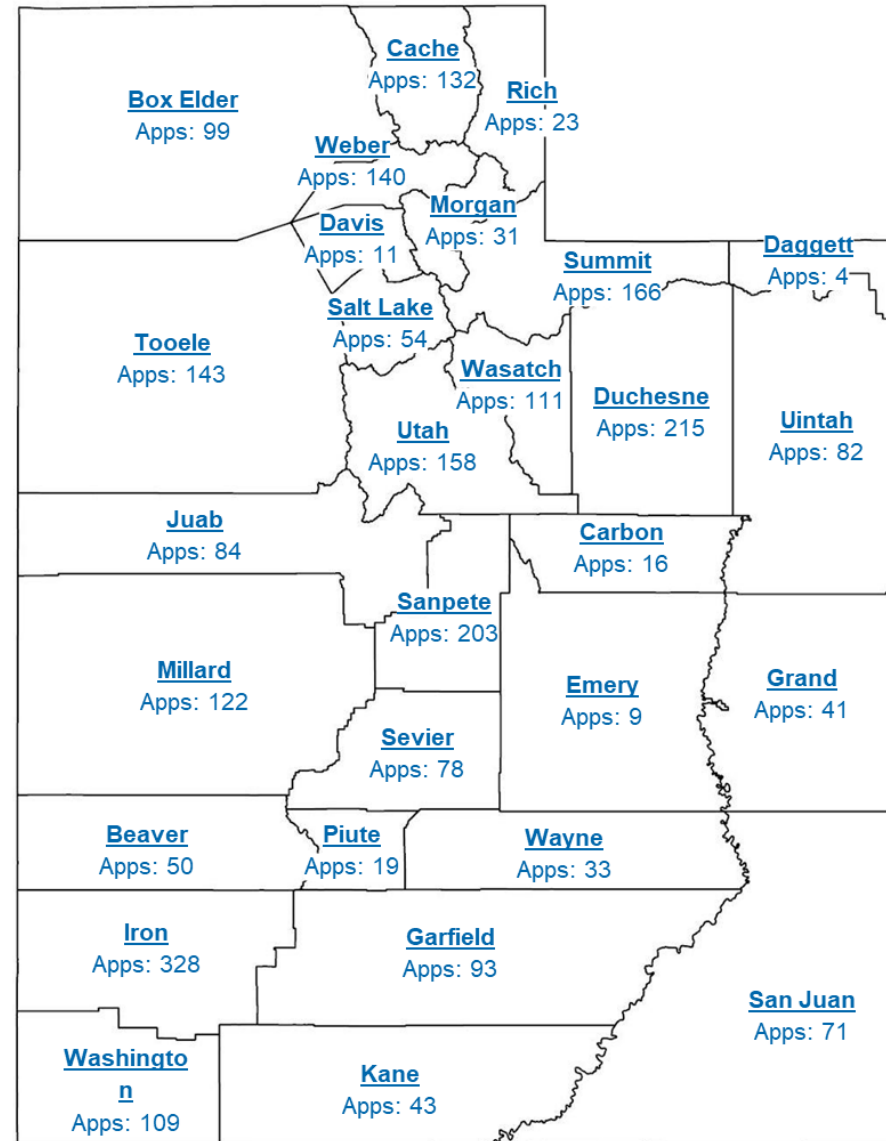
Efficient Application Processing

- **Streamline and Automate**
 1. Eliminate Bottlenecks and Implement Procedural Changes
 2. Invest in Software Solutions
- **Transparency**
 1. Maintain Public Facing Reporting
 2. Transparency on Factors Affecting Completion
- **Address Increasing Application Complexity**
 1. Encourage pre consultation
 2. Transparency on Factors Affecting Completion
- **Consistency**
 1. Statewide consistency
 2. Cross training

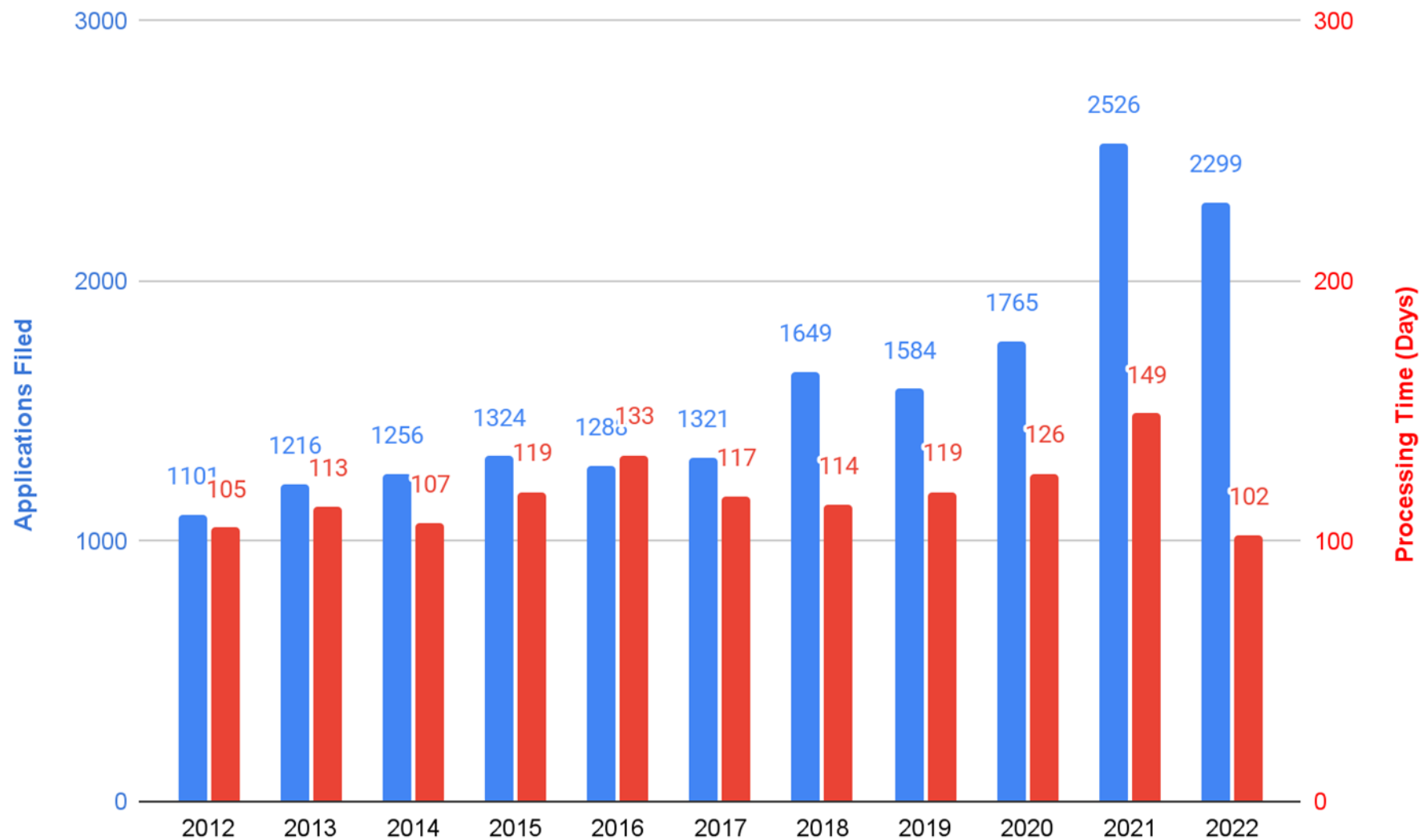
Arches

Applications Filed by County(2022)

- Iron: 328
- Duchesne: 215
- Sanpete: 203
- Summit: 166
- Utah: 158
- Tooele: 143
- Weber: 140
- Cache: 132
- Millard: 122
- Wasatch: 111
- Washington: 109
- Box Elder: 99
- Garfield: 93
- Juab: 84
- Uintah: 82
- Sevier: 78
- San Juan: 71



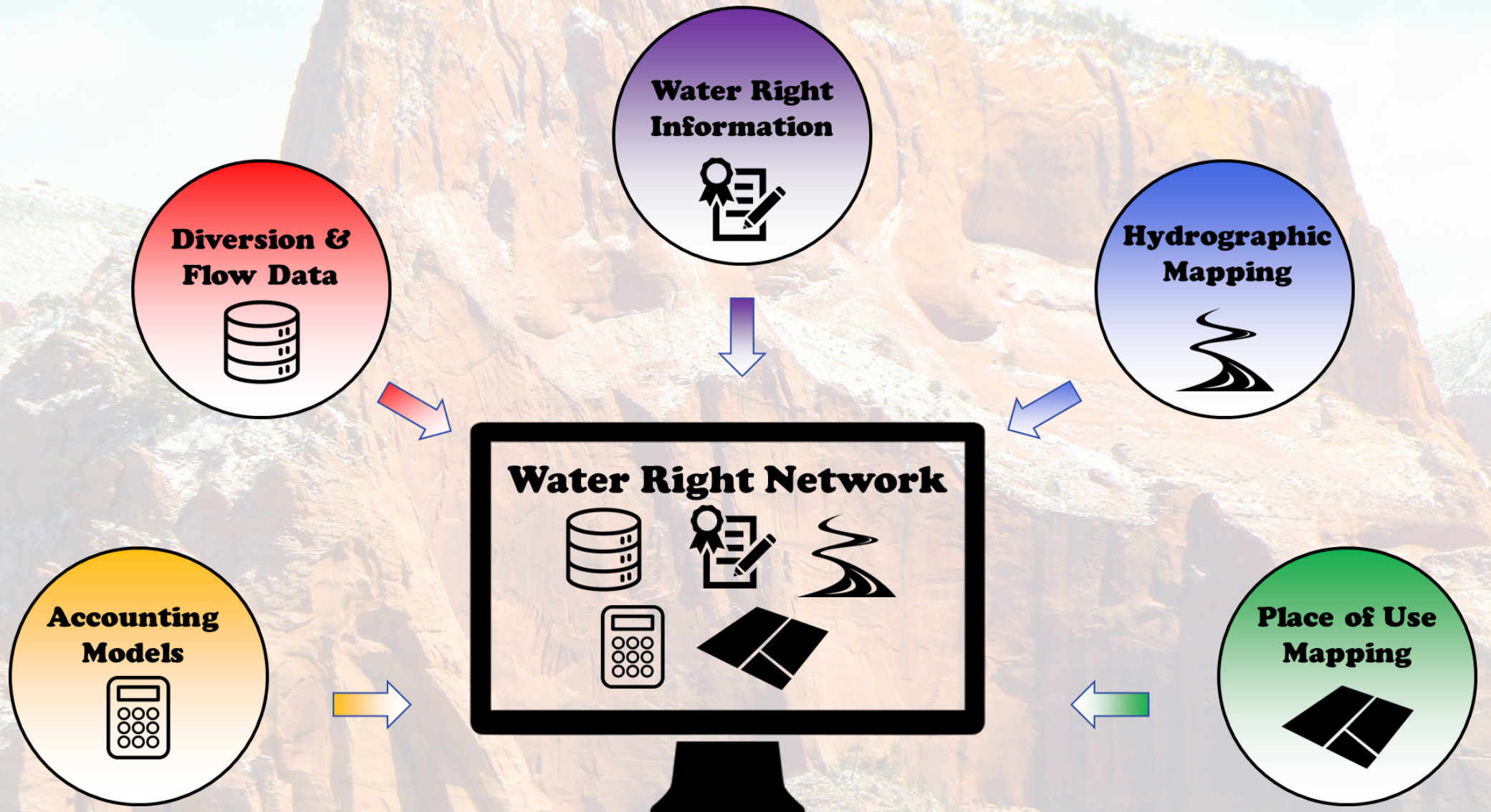
Applications Filed & Processing Time



Water Right Data Enhancements

- **Develop Water Right Network**
 1. Build Team
 2. Build Place of Use / WUG3 Dataset
 3. Build POD/Reservoir / Works Datasets
- **Create Accounting for Distribution Systems**
 1. Create Priority Schedules
 2. Create System Schematics
 3. Create Accounting Logic
- **Expand Capabilities of Water Right Network**
 1. Increase Flexibility of Database (WUG3)
 2. Coordinate Functions with Other Agencies
 3. Incorporate Accounting into Water Right Network

Stream to Screen



Measurement and Automation Devices

- **Identify and Prioritize**

1. Build Team
2. Identify and Map
3. Restructure Personnel to Support Automation

- **Water User Coordination**

1. Coordinate with Local Water Users
2. Investigate Structural Constraints
3. Determine Funding and Define Responsibilities

- **Management and Installation**

1. Assign Construction Responsibilities
2. Develop Construction Schedule

Water Distribution - Staffing and Measuring Device Installation

- **HB 393 (2022)**
 1. Additional Distribution Engineer
 2. Distribution Accounting Model
 3. 8-10 measuring devices throughout the Sevier River system
 4. 80% complete
- **HB334 (2022)**
 1. Additional Automation Engineer
 2. 30 measuring devices throughout the Great Salt Lake basin
 3. 40% complete

Water Distribution - Staffing and Measurement

\$449K ongoing restricted account

1. Automation Engineering Manager
2. Additional Distribution Accounting Model Engineer
3. Measurement, automation and reporting

- **\$5M one-time**

1. GAP Analysis GSL Basin
2. Sites in Colorado River Basin
3. Cooperative Studies

Groundwater Management

- **Monitor Existing GWMP and S.E. Policies**

1. Invest in Software Solutions
2. Coordinate with Other Agencies
3. Coordinate with Local Authorities
4. Pursue Funding for Studies

- **Implement Findings into Policies**

1. Meet with Local Stakeholders
2. Hold Public Meetings
3. Seek Public Input
4. Form Local Committees
5. Seek Voluntary Implementation
6. Provide Flexibility

- **Expand Capabilities of Water Right Network**

1. Incorporate Groundwater Data
2. Permit Conjunctive Management

Accelerate General Adjudications

- **Build and Retain Staff**

1. Continue Building Adjudication Team
2. Invest in Training and Development
3. Provide Increased Promotional Opportunity

- **Reduce Backlog and Shorten Adjudication**

1. Minimize Rework through Increased Support
2. Identify and Implement Software Solutions
3. Provide Comprehensive Quality Control

- **Establish Early Contact w/ Key Water Users**

1. Identify and Contact Key Water Users
2. Jointly Identify Key Constraints
3. Establish and Maintain Open Lines of Communication

Water Rights Strategic Planning

Thank you!