CTUIR Data Management
Annual accomplishments and plans - 2019
Accomplishments

1. Tribal CDMS
2. CDMS 2.0
3. Public/Private CDMS
4. Data Flows (in/out)
Tribal CDMS

- Nez Perce, Warm Springs, CRITFC
- Needs Assessment
- Implementation
- Support
CDMS 2.0

- New datasets (Habitat Sites, Habitat Metrics)
- New module (Leasing/Realty)
- Upgrade AngularJS, JSO, ag-grid, other libraries
- Implement ag-grid for import, data entry
- Many new features
- Substantial codebase improvement
Public/Private CDMS

- Implement DMZ in collaboration with ITS
- Split CDMS into two databases/web/report servers
  - paluut.ctuir.org
  - cdms.ctuir.org
- Sharing level feature – Share to Web / CDMS only
Data Flows (in/out)

- **Data flowing in via API**
  - Walla Walla Watershed Data (water temp + discharge)
  - PTAGIS (fish passage detections)
  - FPC
  - Real-time water temperature dataloggers (almost!)

- **Data flowing out via API**
  - Tucannonriver.org
  - Walla Walla Managers Report
  - Streamnet + EPA WQX (manual)
  - Water Temperature Downloader
  - AGOL + Gisportal.ctuir.org
  - Fish Counts
Planned work

1. Executive Dashboard
2. Planning Office – Permit Module
3. Data Flows (in/out)
4. New datasets
Executive Dashboard
### Planning Office – Permit Module

#### View Permit Applications

<table>
<thead>
<tr>
<th>Contact</th>
<th>Project Name</th>
<th>ParcelAllot</th>
<th>Type</th>
<th>Improvement</th>
<th>Date Applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bill Smith</td>
<td>Close in existing garage</td>
<td>2N3329D0TL01400</td>
<td>Development</td>
<td>Remodel</td>
<td>4/09/2019</td>
</tr>
<tr>
<td>...</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Application Status

<table>
<thead>
<tr>
<th>Response</th>
<th>Approver</th>
<th>Reviewer</th>
<th>Reason</th>
<th>Date Sent</th>
<th>Date Responded</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approve</td>
<td>CRPP</td>
<td>Teara Farrow</td>
<td>Ground Disturbance</td>
<td>4/10/2019</td>
<td>4/11/2019</td>
<td>Not affected area</td>
</tr>
<tr>
<td>Reject</td>
<td>WRP</td>
<td>Robin Harris</td>
<td>New Well</td>
<td>4/10/2019</td>
<td>4/11/2019</td>
<td>Location rejected</td>
</tr>
<tr>
<td>Review</td>
<td>County</td>
<td></td>
<td>New Driveway</td>
<td>4/10/2019</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Role:** TPO  
**Use Case:** View Permit Applications - Approvals
Data Flows (in/out)

• Data flowing in via API
  • Real-time water temperature + weather station dataloggers
  • PTAGIS (fish passage detections)
  • GeoOptix – Biomonitoring Metrics
  • Survey123 + Collector App
  • Executive Dashboard

• Data flowing out via API
  • UmatillaRiver.org, JohnDayRiver.org, GrandeRondeRiver.org, etc.
  • ESRI Insights
  • AGOL + Gisportal.ctuir.org
  • Survey123 + Collector App
  • Tribal Member Portal
Achieving our objectives

1. Data management maturity improvement
2. Provide timely, high quality information
3. Support decision making
4. Maximize sovereign rights and opportunities