

## **Proposal for Maintenance of the Environmental Dashboard Central Wasatch Commission**

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Prepared by:  
Dr. Phoebe B. McNeally  
University of Utah  
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The University of Utah, specifically the DIGIT Lab, propose to maintain the Central Wasatch Commission's (CWC) Environmental Dashboard website and components.

Maintenance consists of the following:

- Annual software licensing and administration costs
  - Tableau (managed by Sageland Collaborative or purchased by the CWC)
  - ArcGIS Online (managed by Sageland Collaborative or purchased by the CWC)
    - If purchased by CWC, ArcGIS Online administration would be performed by the DIGIT Lab
- Applying software updates (WordPress and associated plugins)
- Maintaining data connections to live data sources when possible
  - Directly in ArcGIS Online and through a scripted data refresh in Tableau
- Updating static data on a quarterly basis ( September, December, March, June)
- Maintaining URLs to linked content
- Trouble shooting and correcting any changes in current functionality on the website

### ***Costs:***

The costs associated with performing this work is outlined below:

### **Software options:**

#### Tableau:

Currently the Tableau Desktop license is through Sageland Collaborative. The two options moving forward are:

- Use Sageland Collaborative license - \$74/ year
- Purchase CWC license - \$70/month -> \$840/year

#### ArcGIS Online:

For ArcGIS Online, the maps are currently hosted at the University of Utah and will need to be moved to a non-academic license once the Environmental Dashboard is finalized. There are two options for this:

- Share Sageland Collaborative license (Total: \$4262.50
  - ArcGIS Online and credits - \$272.50
  - Administration of ArcGIS Online (3 hrs/month @\$110) - \$3960
- Purchase CWC ArcGIS Online subscription
  - Creator license - \$500/year OR
  - GIS Professional Basic includes ArcGIS Pro license - \$700/year

- This is the recommended licensing level: Provides the ability to publish maps directly from ArcGIS Pro
- Administration would be part of the monthly maintenance under this option

### **Maintenance:**

The following are the costs associated with the maintenance and quarterly updating of the data and do not include licensing costs. With this being a new Environmental Dashboard website and the potential maintenance issues not well known, this work will be billed on actually hours worked with these being do not exceed values.

<b>Task</b>	<b>Hours</b>	<b>Cost</b>
Regular monthly maintenance	144	\$10,800
Quarterly data updates (4/yr)	80	\$6,000
Direct Costs		\$16,800
<i>Indirect Cost (10%)</i>		\$1,680
<b>Total Cost</b>		<b>\$18,480</b>

*Note:* This proposal does not include the addition of new content or non-maintenance changes in the current structure. This proposal is to maintain the website as of June 30, 2022, and update data as outlined above.