

Tips on using L^AT_EX

CSC222 Geographic Information Systems

05 November 2014

To make an enumerated list that looks like this...

1. when it is
2. peach picking time in Georgia
3. apple picking time in Tennessee
4. cotton picking time in Mississippi
5. everybody picks on me

Type this in your L^AT_EX document...

```
\begin{enumerate}
\item when it is
\item peach picking time in Georgia
\item apple picking time in Tennessee
\item cotton picking time in Mississippi
\item everybody picks on me
\end{enumerate}
```

To make an itemized list that looks like this...

- when it is
- peach picking time in Georgia
- apple picking time in Tennessee
- cotton picking time in Mississippi
- everybody picks on me

Type this in your L^AT_EX document...

```

\begin{itemize}
  \item when it is
  \item peach picking time in Georgia
  \item apple picking time in Tennessee
  \item cotton picking time in Mississippi
  \item everybody picks on me
\end{itemize}

```

To make a list of definitions that looks like this...

strawberry red fruit

banana yellow fruit

blueberry blue fruit

Type this in your L^AT_EX document...

```

\begin{description}
  \item[strawberry] red fruit
  \item[banana] yellow fruit
  \item[blueberry] blue fruit
\end{description}

```

To make a table that looks like this...

Mountain	State
Mount Washington	New Hampshire
Mount Elbert	Colorado
Mount Mitchell	North Carolina
Mount Whitney	California
Gannett Peak	Wyoming

Type this in your L^AT_EX document...

```

\begin{tabular}{ll}
  \textbf{Mountain} & \textbf{State} \\ \hline
  Mount Washington & New Hampshire \\
  Mount Elbert & Colorado \\
  Mount Mitchell & North Carolina \\
  Mount Whitney & California \\
  Gannett Peak & Wyoming
\end{tabular}

```

To make a series of aligned equations like this...

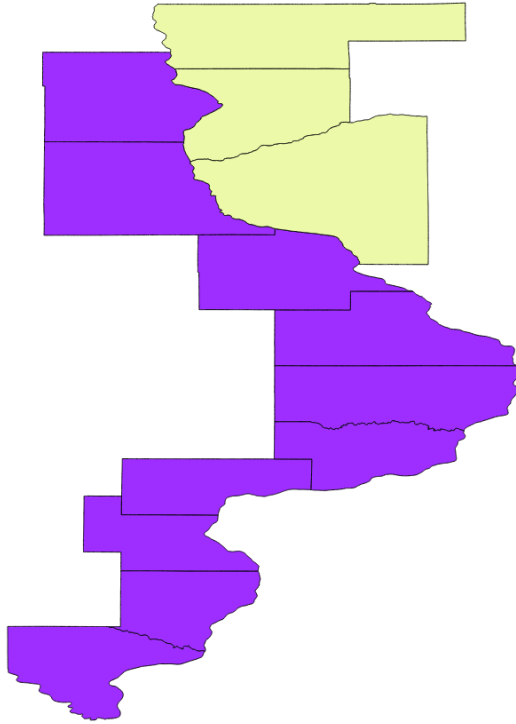


Figure 1: River Counties.

$$\textit{Circumference} = 2\pi r \tag{1}$$

$$\textit{Area} = \pi r^2 \tag{2}$$

$$\textit{Volume} = \frac{4}{3}\pi r^3 \tag{3}$$

Type this in your L^AT_EX document...

```
\begin{align}
\textit{Circumference} &= 2 \pi r \\
\textit{Area} &= \pi r^2 \\
\textit{Volume} &= \frac{4}{3} \pi r^3 \\
\end{align}
```

To make a figure that looks like this...

Type this in your L^AT_EX document...

```
\begin{figure}
\begin{center}
\includegraphics[width=10cm]{river-counties}
\caption{River Counties.}
\label{river-counties}
\end{center}
\end{figure}
```

This presumes that there is an image file named *river-counties.png* in the same folder as the L^AT_EX document.

You can then refer to the figure in your text (see figure 1) by typing...

You can then refer to the figure in your text
(see figure~\ref{river-counties}) by typing\ldots