

Time-Series Data Visualization Using a Raster GIS Approach

Workshop Presented by:

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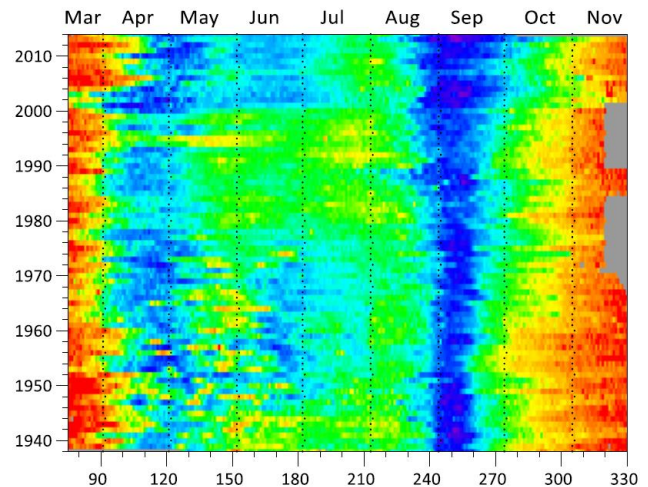
NOAA/National Weather Service

Friday March 31st

8:30AM – 4:30PM

**Metropolitan State University of
Denver - GIS Lab**

*Auraria Campus, Science Building
SI2011*



A time-series dataset plotted as a raster "time map" and analyzed in a GIS-like manner offers project managers, decision makers, scientists, and other professionals an alternative approach to examining time-based data. This data configuration technique can integrate time-series values from numerous sources such as observations or model outputs. Examples include multi-scale temporal pattern identification and quantification, data quality checks, difference plots, thresholds, image filtering, as well as other visualization and data overlay techniques. This is important skill in the era of "big data" and provides organizations a higher GIS Return on Investment (ROI).

General agenda

The workshop will have an introductory session to cover theory and overall basics of the technique. This will be followed up with a hands-on session to create raster-based graphics.

Register on the GIS Colorado website:

<http://giscolorado.org/events/>

\$30 Students

\$70 GISCO Members

\$95 Non-members

Breakfast and Lunch will be provided

