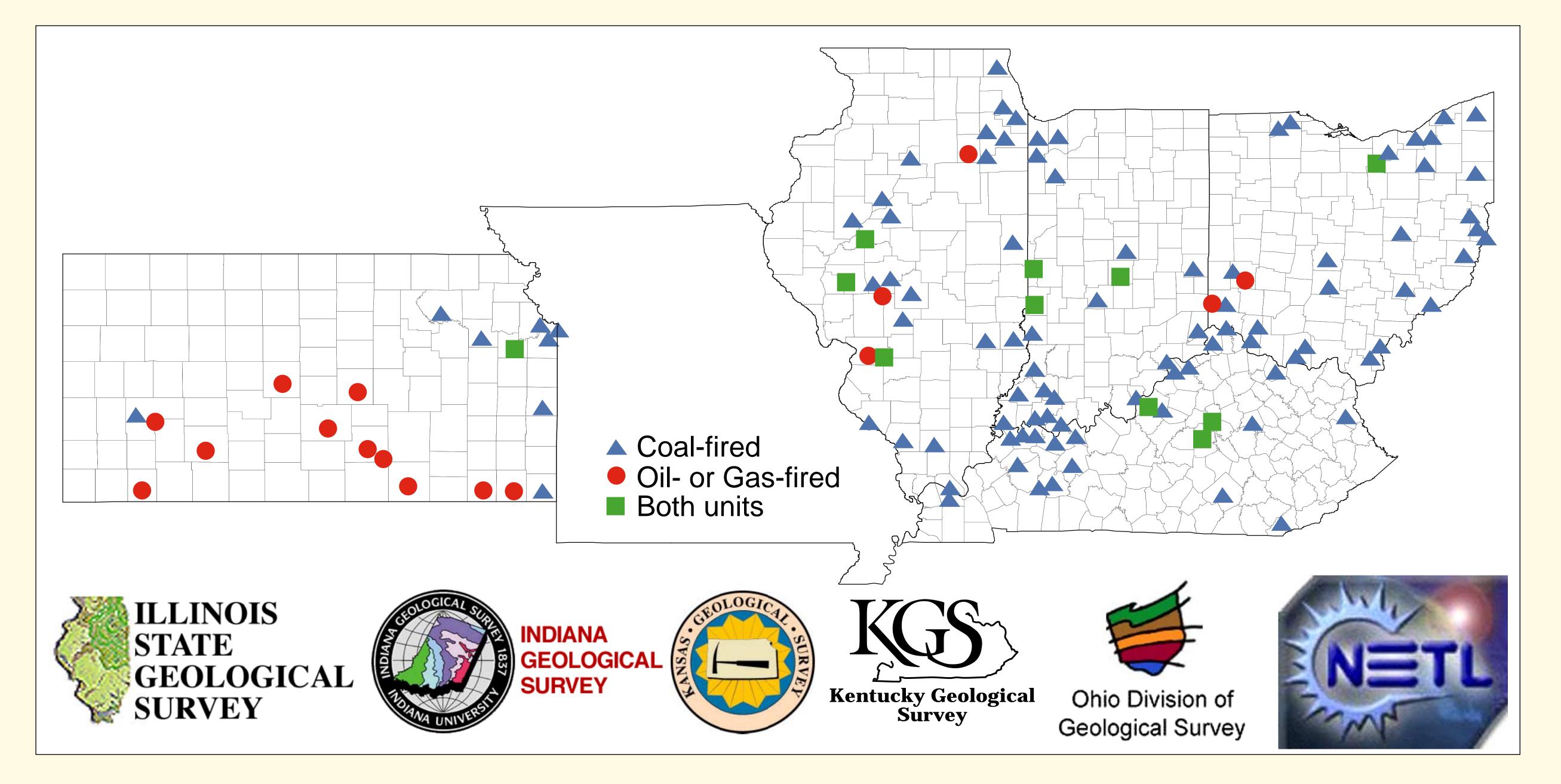
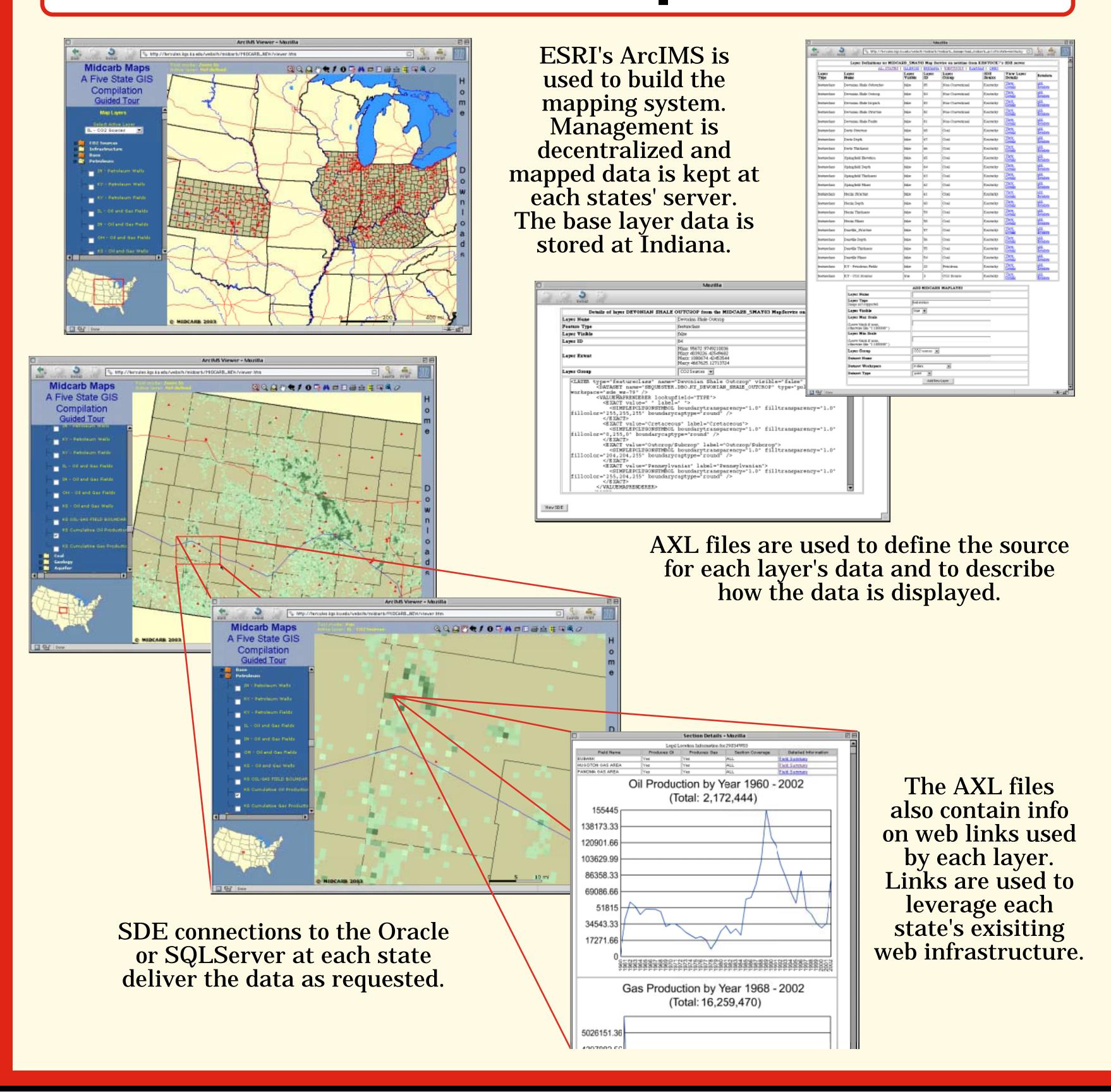
MIDCARB www.midcarb.org

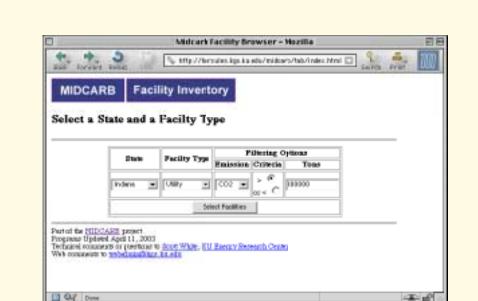
Midcontinent Interactive Digital Carbon Atlas and Relational DataBase



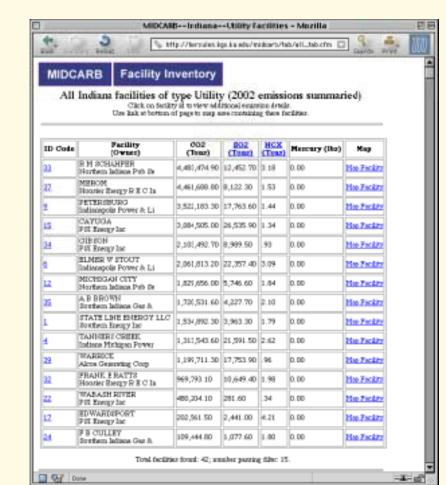
Interactive maps



Tabular data



As an alternative to the map interface, the user can select CO2 sources based on their output volumes and source type.



Result table can be

sorted by output

type. Each facility

is linked to the map

interface. Map

based on extremes

of the entire set

selected can also be

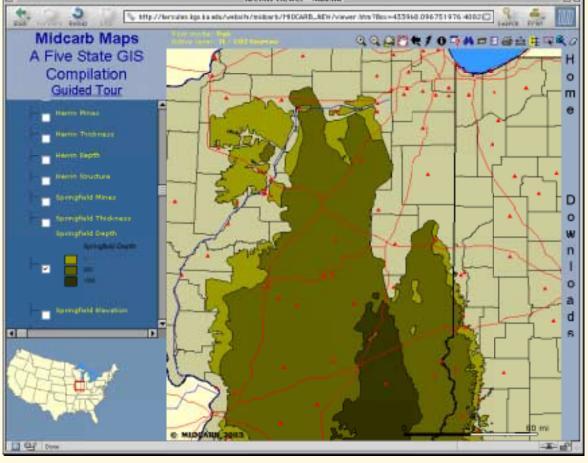
created. Facilities

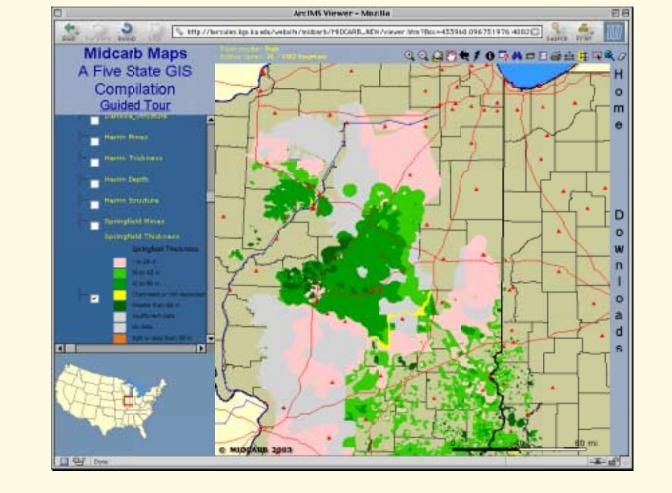
are linked to the

standard MIDCARB

charts.

Map is zoomed to a set of facilities in Illinois. First map is depth of overburden on the Springfield Coal, second is thickness. Estimates indicate that the Springfield, Herrin and Danville coal beds alone have the potential for storing 970.5 million metric tons (MMT) of CO2.





2000 1980

Part of the HIDGARE propert
Properts Peb. 2003
Technical comments or questions to 2004 White. EU Barry's Research Center
Web comments to yethermachters for etc.

Yellow dot is

Indiana facility

selected by user.

Location can be

compared to other

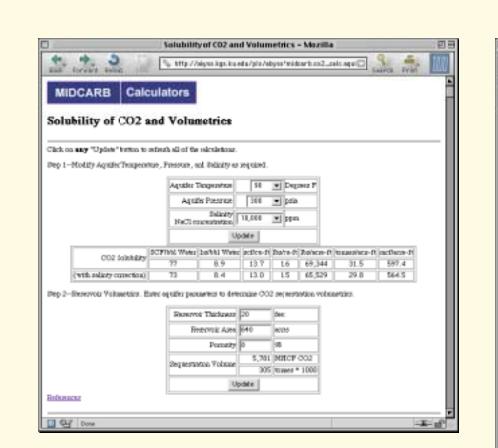
facilities; map at

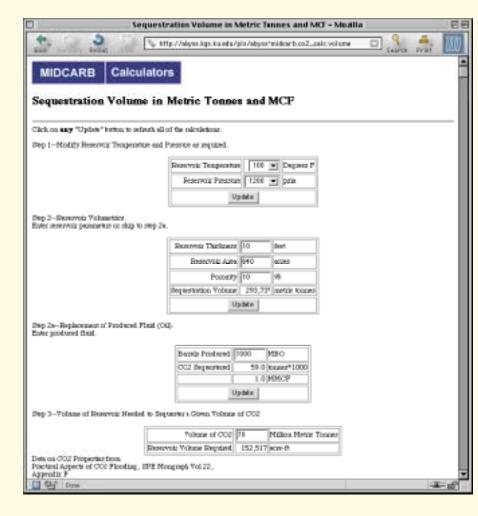
left shows facilities

underlain by bed-

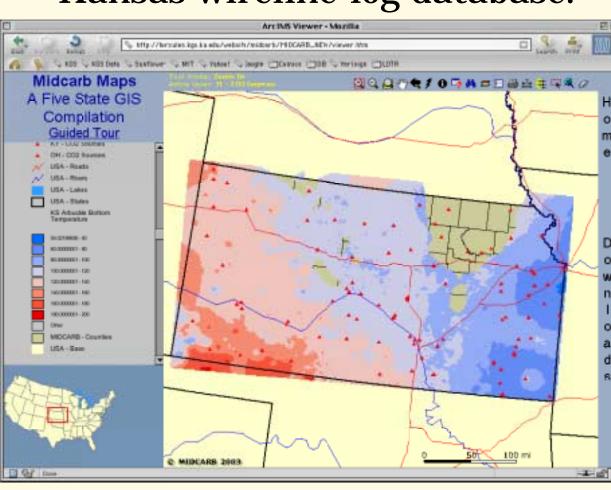
rock geology layer.

Calculators

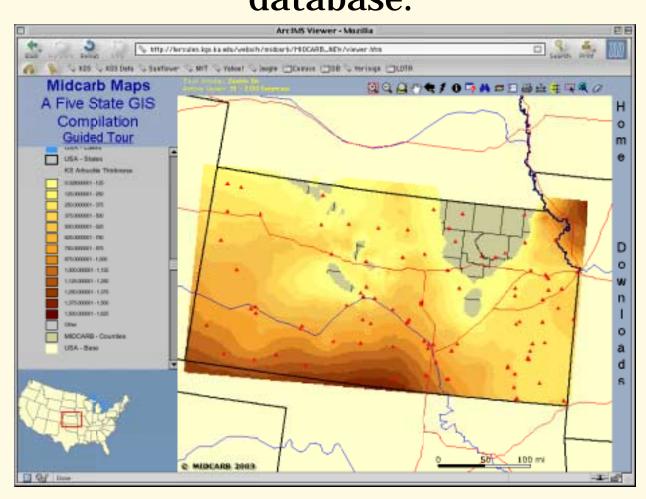




Bottom-hole temperatures from Kansas wireline-log database.



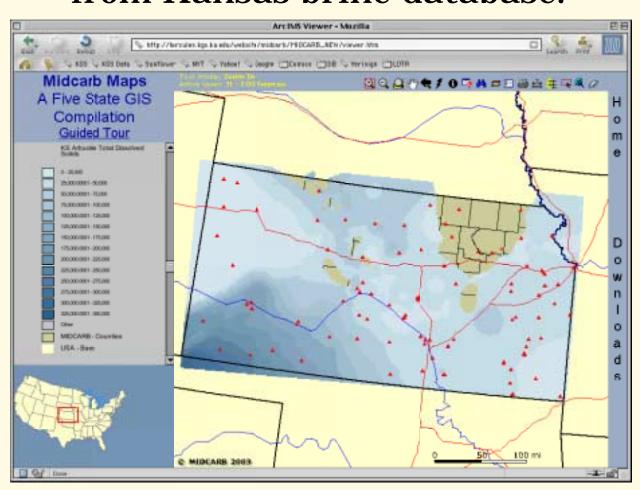
Thickness from Kansas tops database.



Three calculators have been placed online to aid in deciding how much CO2 can be sequestered in a particular reservoir. The web pages can be used interactively by entering parameters and exploring the effects of reservoir pressures, temperatures, and porosities.

The following maps show the results of this analysis on the Arbuckle of Kansas using an average porosity of 8%.

Salinity as total-dissolved solids from Kansas brine database.



Sequestration volume per section estimated using data and look-up tables.

