The diagram illustrates the variations in MTCO°C, MTWA°C, PSUM mm, PWIN mm, TANN °C, PANN mm, and SST °C (foraminifers) over the age range of 2000 to 12,000 years. The graphs depict the present day values and highlight specific events such as the Younger Dryas. The data points indicate significant changes, especially around the 8200 year event and the 4200 year event.