

Problem statement:

Neither Overkill (Ok) nor Climate Change (ClCh) explain the extinctions at the end of the Pleistocene.

So, many assume that a combination of Ok plus ClCh must be responsible. But how do we go beyond the coincidence to prove that Ok and ClCh in fact could have caused the extinctions? There are no other New World eras where *Homo sapiens* and climate change co-occur.

The Pleistocene Extinction Model (PEM), an ecosystem model, provides a way of rigorously examining the impact of Ok and ClCh, individually and in combination using the same dynamics and assumptions.