







## Laguna Pallcacocha, Ecaudor

- Sediment core displayed abundant light-colored clastic laminae
- Hypothesize that the clastic laminae were deposited during El Nino-induced alluviation events in the drainage basin
- Utilize a new continuous sediment core and identify the frequency components with wavelet analysis

















## Age Models

Constant Carbon Accumulation Model:

-Distributes age based on carbon content of sediment

Event Model:

-All laminae assigned a value of 6 months based on Rio Chira discharge data

Both models assign higher sedimentation rates to the light-colored laminae













