Howard Harper



Then

DSDP LEG 56 – JAPAN TRENCH SITES

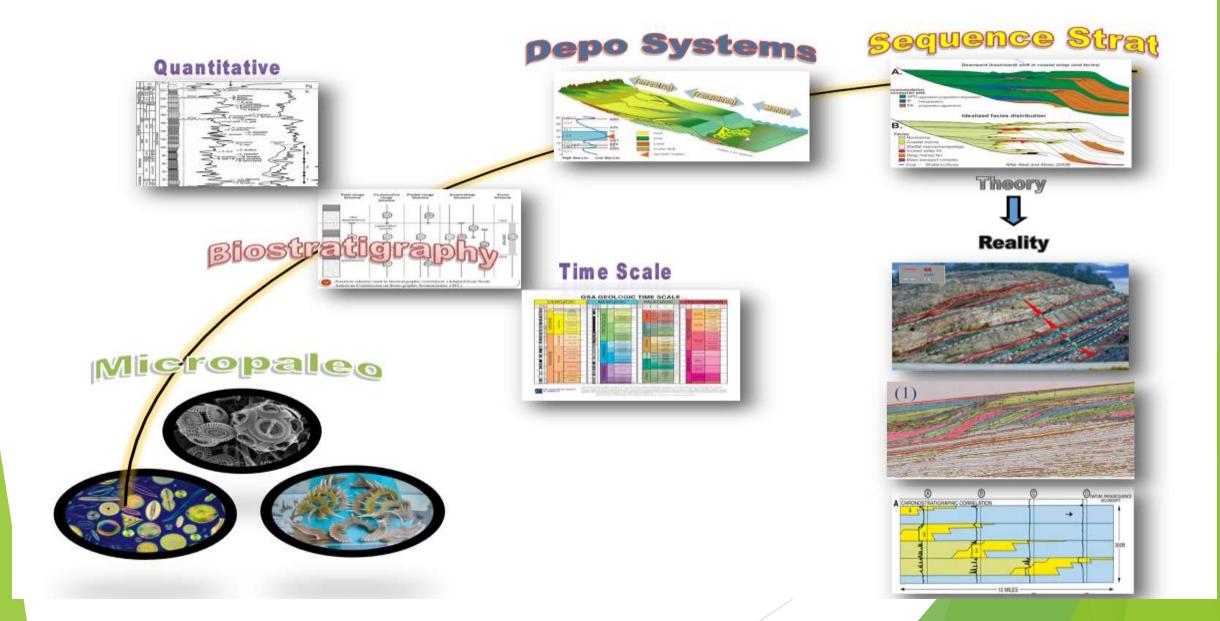


Now
SEPM Executive Director and UTD Lecturer

Basic CV

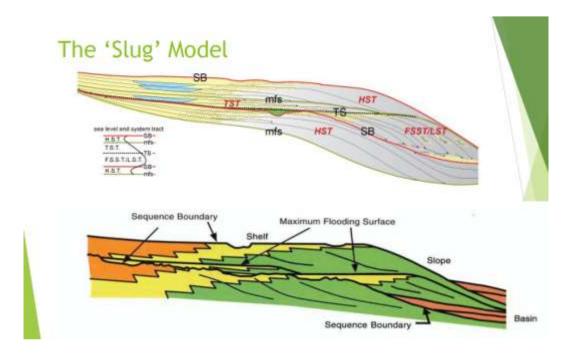
- Education
 - BS Geology The Ohio State University
 - MS Geology-Statistics Louisiana State University
 - Thesis Statistical evaluation of the distribution of Miocene-Pliocene siliceous phytoplankton, D.S.D.P. Hole 71, equatorial Pacific
 - ▶ PhD Geoscience Harvard University
 - ▶ Dissertation The Miocene-Pliocene Boundary in the North Pacific Region
- Work
 - Atlantic Richfield (ARCO) Research and Technology
 - Society for Sedimentary Geology (SEPM)
 - UT Dallas
 - Areas worked geologically
 - ▶ GOM, East Coast US, West Coast US, Japan, Sakhalin (Russia), North Sea, Chile,
- Memberships
 - SEPM; GSA Fellow; AAPG; correspondent (AGU, IAS, GSL,)
 - ► Commissioner North American Commission on Stratigraphic Nomenclature

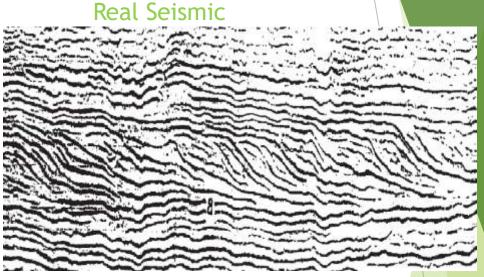
Research Arc

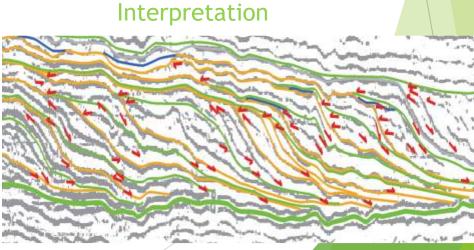


Deposition and Sequence Stratigraphy

► Theory vs Reality / Models vs Application







Theory vs Application



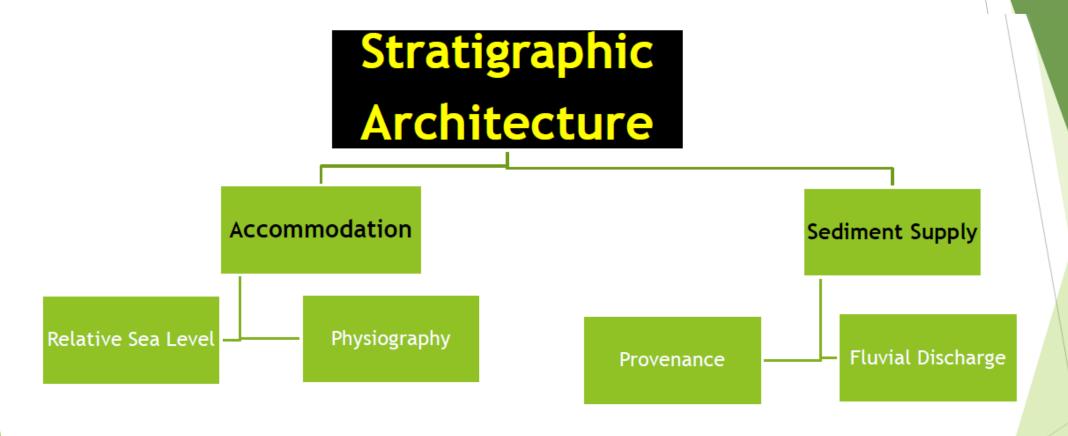
(when and where depositional facies are distributed)

Accommodation Space

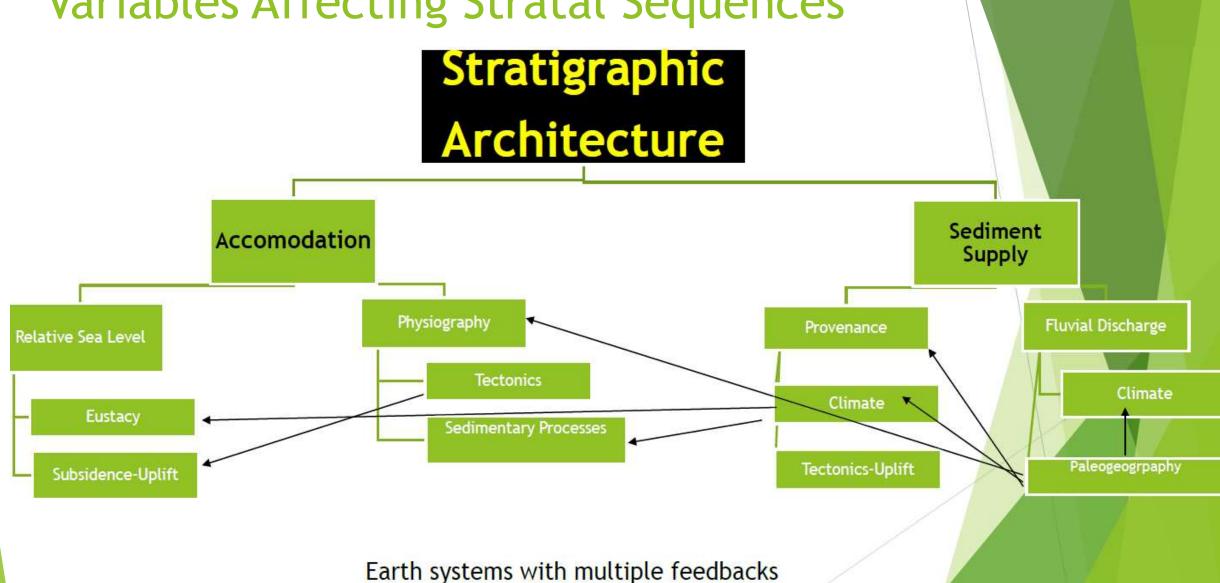
Sediment Supply

So what controls these two?

Variables Affecting Stratal Sequences

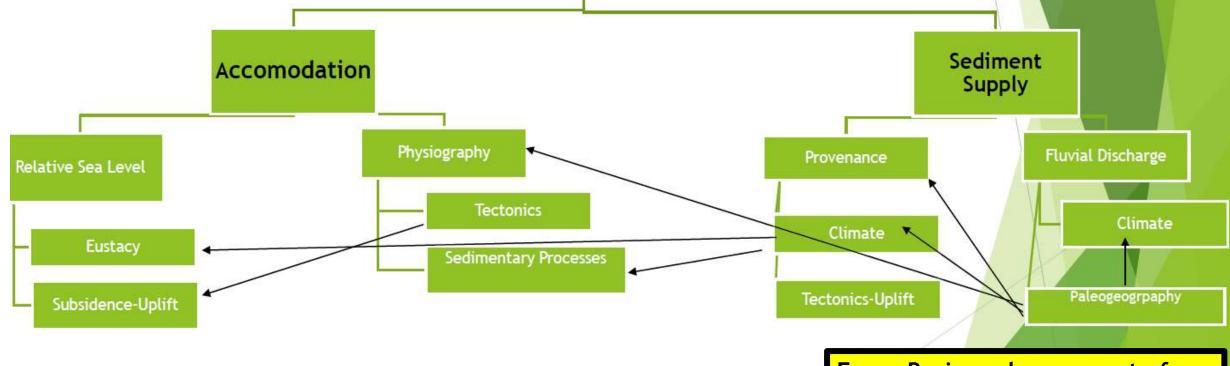


Variables Affecting Stratal Sequences



Variables Affecting Stratal Sequences





Earth systems with multiple feedbacks

Every Basin and every part of every basin is a unique set of these variables!

