A shelf-margin database with 28 well-studied margin sedimentary prism examples in locations worldwide is being established. Each of the selected margin examples contains the following information: (1) Basins setting; (2) the magnitude of supply (proxied by rates of shelf-edge aggradation & progradation or extracted from previous studies); (3) long-term climate setting (Icehouse vs. Greenhouse); (4) the magnitude of shelf accommodation (represented by shelf-edge trajectory); (5) transport regimes at the shelf edge (mainly from published information); (6) dominant grain-size of sediment deposited (sandy or muddy, as suggested by the lithological character of upper delta front); (7) details on the contemporaneous deep-water systems (supported by published article sources, seismic sections, or other subsurface data); (8) representative regional cross-sections from each of the margins (see seismic sections below for an example); and (9) key references for each of the margins. This database provides global perspectives on sediment-partitioning in deep-water basins and shelf-margin architecture variability.