



FIGURE 20.6. Hypothetical variations in distribution of sand and gravel in a sedimentary basin subjected to periodic variation in sediment flux, subsidence, gravel fraction, and sediment diffusivity. Modified from Paola *et al.* (1992). Figures on the left are for slow variation, and lines are isochrons drawn at 1-million-year intervals. Figures on the right are for fast variation and isochrons are drawn for every 10,000 years.