



FIGURE 13.69. The evolution of experimental alluvial fans. From Schumm *et al.* (1987). (A) Fan-head channel entrenchment leads to deposition of a lobe downstream. (B) The deposition zone moves upstream and the channel is backfilled. (C) The channel is filled and deposition at the fan head increases the slope there. (D) The channel moves to a new area of fan and is entrenched. Images (E) and (F) as for (B) and (C). Reprinted with permission of John Wiley & Sons, Inc.