



Italic type indicates volume number; (ill.) indicates photos and illustrations.

A

- Aa 3: 294
- Ablation zone 2: 160, 165 (ill.), 166
- Abyssal plain 1: 65 (ill.), 3: 227, 228, 243, 244
- Accretionary wedge 1: 59, 65 (ill.)
- Accumulation zone 2: 160, 166
- Acoma 2: 193, 194
- Active continental margin 1: 59, 60, 65 (ill.), 66
- African Plate 2: 125 (ill.), 3: 303 (ill.)
- Alaska 2: 125–127, 126 (ill.), 215
- Alberta, Canada 2: 184, 185 (ill.)
- Algodones Sand Dunes, California 1: 108–110, 109 (ill.)
- Alluvial fan 1: 60, 84, 85, 95, 97, 99, 108, 3: 243, 265, 267, 271
- Alluvium 1: 83, 85, 2: 133–136, 3: 243, 266, 267, 274
- Alpine glacier 2: 160, 161, 162, 164, 167, 169, 185, 3: 281, 282
- Amazon River 3: 275, 275 (ill.)
- Anasazi 1: 26, 27 (ill.), 2: 194
- Andes Mountains 1: 66, 2: 185, 214, 218, 3: 237, 275, 308
- Angel Falls, Venezuela 3: 270
- Angle of repose 2: 176, 181–183
- Antarctic Plate 2: 125 (ill.), 3: 303 (ill.)
- Antarctica 1: 60, 62, 2: 160, 168, 169, 201, 215, 3: 251, 255, 282
- Antelope Canyon, Arizona 1: 23, 24 (ill.)
- Anticline 1: 5–7, 6 (ill.), 2: 209, 214
- Appalachian Highlands 2: 210 (ill.)
- Arabian Plate 2: 125 (ill.), 3: 303 (ill.)
- Archipelago 1: 79, 79 (ill.)
- Arcuate delta 1: 85–86
- Arête 2: 160, 162, 163 (ill.), 169–170
- Argentina 2: 215, 3: 269 (ill.), 276, 276 (ill.)
- Arizona 1: 23, 25–26, 2: 194, 195 (ill.), 198 (ill.), 204–205
- Arkansas 2: 154–155
- Armageddon 2: 197
- Arroyo 1: 95, 99, 108
- Asteroid 1: 10, 2: 197, 198, 199, 201, 204
- Asthenosphere 1: 3–5, 17, 59, 62–64, 65 (ill.), 2: 119, 123–124, 209, 213, 3: 229, 233, 255, 257, 293, 300, 303
- Aswan High Dam, Egypt 2: 139

- Atlantic-Gulf Coastal Plain 2: 210 (ill.), 3: 246–247
 Atlantic Ocean 1: 61, 3: 237–238
 Atmospheric circulation 1: 104, 105 (ill.)
 Atoll 1: 71, 72, 73 (ill.), 75 (ill.), 76, 78–79
 Australia 1: 8–9, 77–78, 78 (ill.), 106–107, 107 (ill.), 2: 215, 3: 226 (ill.), 252
 Australian Plate 2: 125 (ill.), 3: 303 (ill.)
 Avalanche chutes 2: 178
 Ayers Rock, Australia 1: 106–107 (ill.)
- B**
- Back reef 1: 71, 75
 Backshore zone 1: 45, 47, 48 (ill.)
 Backswamp 2: 133, 134, 139
 Backwash 1: 45, 49, 51
 Bajada 1: 97, 99
 Bangladesh 1: 89–90, 89 (ill.)
 Bar, sand 1: 45, 47 (ill.), 48
 Barchan dune 1: 96, 98 (ill.)
 Barrier island 1: 45, 48, 51–53
 Barrier reef 1: 71, 72, 75, 76, 77–78, 78 (ill.)
 Barringer Crater, Arizona 2: 198 (ill.), 204–205
 Basal sliding 2: 160, 166–168
 Basalt 1: 53, 58, 2: 168, 214, 3: 225, 235, 241, 251, 253, 260, 261, 262, 293, 297, 302, 304, 305 (ill.)
 Base level 1: 19, 2: 135, 3: 267, 272, 274, 276, 281, 284–286
 Basin 1: 1–11, 2 (ill.), 8 (ill.), 49, 67, 97, 101, 110, 113, 114, 2: 121, 154, 155, 170, 179, 205, 210, 3: 225–229, 234, 236–238, 243, 244, 270, 275, 279, 291, 297, 308
 Basin and Range province 1: 8, 9, 2: 121
 Bay 1: 45, 46, 47, 48, 49, 51, 66, 67, 88, 90, 3: 261, 287
 Bay of Fundy, Canada 1: 50, 50 (ill.)
 Beach 1: 45, 47, 47 (ill.), 48, 50, 51, 52, 53, 102
 Beach drift 1: 45, 51
 Bear Butte 2: 217
 Bed load 1: 85, 87, 3: 267, 268, 272
 Belize Chamber 1: 31
 Berm 1: 45, 48
 Bird's foot delta 1: 86, 90
 Black Canyon, Colorado 1: 15, 18, 19 (ill.)
 Black Hills 2: 211, 216–217, 216 (ill.), 3: 247
 Blowout 1: 95, 96, 98, 99, 101, 106
 Blue Ridge Mountain Valley, North Carolina 3: 280 (ill.)
 Botswana, Africa 1: 91–92, 92 (ill.)
 Bottomset beds 1: 88
 Brahmaputra River, Bangladesh 1: 90
 Braided stream channel 3: 269, 271
 Brazil 2: 140–141, 140 (ill.), 3: 275, 276, 276 (ill.)
 Breccia 2: 199, 200 (ill.)
 Browne Falls, New Zealand 3: 270
 Bryce Canyon, Utah 1: 21 (ill.), 3: 258, 259 (ill.), 261
 Butte 2: 187–189, 188 (ill.), 190 (ill.), 191, 192, 194–196, 194 (ill.), 217, 253
- C**
- Calcite 1: 34, 35, 37, 38, 69, 71
 Calcium carbonate 1: 34, 35, 69, 71, 72, 73, 74, 2: 145, 146, 193, 3: 256
 Caldera 3: 292, 297, 308, 309, 312–313, 312 (ill.)
 California 1: 10, 44 (ill.), 64, 66–67, 100 (ill.), 108–109, 109 (ill.), 110–111, 111 (ill.), 112–113, 113 (ill.), 2: 118 (ill.), 123, 181 (ill.), 183, 219–220, 221 (ill.), 3: 287, 288–290, 289 (ill.)
 Cambodia 2: 137 (ill.)
 Canning Basin, Australia 3: 226 (ill.)