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Cover photo. Color-contoured perspective view of topography of Matanuska Valley lowlands, Alaska, showing a very large dune train with 0.9 km chord lengths and amplitudes to 34 m (red, high elevations; vertical exaggeration, 25x). These are among Earth's largest fluvially formed dunes. Dune trains are characteristic of giant floods. (For related article, see Wiedmer et al., pp. 413–424, in this issue. Image generated from USGS NED 2-second data by Laura Gilson and Harvey Greenberg.)