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ENVI.2010 - Principles of Earth & Environmental Systems I

Study Questions XII

Mass Movement and Wind

1. What is *mass movement*?

2. List and briefly describe the major factors which favor mass movement. How can anthropogenic activities influence mass movement?

3. Distinguish between *slump* and a *debris slide*.

4. What is *solifluction*?

5. What is *desert pavement* and how does it form?

6. What is a *ventifact* and how is it formed?

7. List and describe the different wind transport mechanisms.

8. Sketch the general shapes, both map and cross-section views, of barchan, transverse, parabolic and longitudinal dunes. Show the appropriate wind direction on the map view for each dune type.