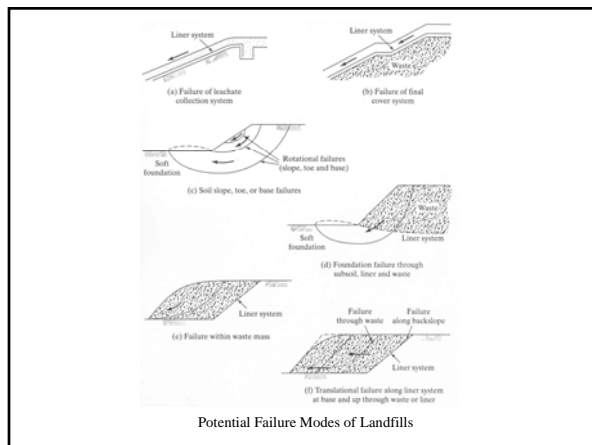


Types of Landfill Slope Stability Failures

- **Rotational (Circular) Failures**
- **Translational (Block) Failures**
(most common for landfills)



Slope Failure Triggers

- **Excessive Leachate head build up due to rainfall or liquid injection**
- **Wetting of CCL/GM interface**
- **Wetting and shear failure of bentonite in unreinforced GCL**
- **Foundation failure due to removal of soil from the landfill toe**

Poor Leachate Management

- **Inadequate permeability of leachate collection system**
- **Excessive leachate injection or recirculation**

Good Reference Book for Additional Information: