Recent development in landslide mitigation techniques.

The original approach to landslide repair was to buttress toe areas in combination with limited removal of the upslope area, trimming back the headscarp, and installing wells to draw down the watertable.

(from Rogers, J.D., 1992)
Various types of gravity retention structures. Such structures depend on their sheer mass as a resisting force to the load imposed by a hillside.

(from Rogers, J.D., 1992)
Using geosynthetics to strengthen slope conditions.

(from Rogers, J.D., 1992)
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(from Rogers, J.D., 1992)
Various types of cantilever retention structures for use in stiff soils and soft rock.

(from Rogers, J.D., 1992)
Various types of retained structures – those employing tension elements.

(from Rogers, J.D., 1992)
Various types of flexible retention structures, or those that deflect in order to shed their imposed loads.

(from Rogers, J.D., 1992)
Using geosynthetics to strengthen slope conditions.

(from Rogers, J.D., 1992)
Most effective for slopes under 22 ft high with an angle of internal friction greater than 30°.

(from Rogers, J.D., 1992)
Traditionally applied nomenclature of the various types of subdrainage measures used by most geotechnical practitioners.

(from Rogers, J.D., 1992)
Plan view of birdfoot-style trench subdrain network.

(from Rogers, J.D., 1992)
Using geosynthetics to strengthen slope conditions.

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Reference