

東勢林場水土保持戶外教室

Dongshih Forest Garden Soil and Water Conservation Outdoor Classroom

防砂壩 Sabo Dam (Check Dam)

### 【內文 Content】

定義: 為攔蓄泥砂、穩定河床及兩岸崩塌、防止侵蝕、沖蝕、抑制土石流所構築五公尺以上之橫向構造物。

Definition: A transverse structure over five meters high, constructed to intercept sediment, stabilize riverbeds and bank collapses, prevent erosion and scouring, and suppress debris flows.

背景說明: 八十五年賀伯颱風, 加上八十六年六月雨災, 沖蝕、崩塌十分嚴重, 幸賴此一防砂壩發揮功效, 下游才免受災害。

Background: During Typhoon Herb in 1996 and the severe rainfall disasters in June 1997, erosion and landslides were extremely serious. Fortunately, this sabo dam performed its function effectively, protecting the downstream areas from disaster.

### 【圖表標註 Diagram Labels】

右側防砂壩結構示意圖文字 / Labels for the Sabo Dam structure diagram (on the right):

溢洪口 : Spillway

壩翼 : Dam wing

側牆 : Side wall

水墊 : Water cushion

尾檻 : End sill