

(a)

$d\eta$



The diagram illustrates a cross-section of a shoreface. On the left, a yellow area represents the beach, sloping down from a horizontal line at the top. A horizontal line is drawn along the top of the beach, and a double-headed arrow labeled  $d\eta$  indicates a small horizontal distance. The beach slope is labeled with the Greek letter  $\beta$ . A gray-shaded area represents a submerged sandbar, sloping down from the beach edge. The sandbar's surface is indicated by a wavy line. To the right of the sandbar, a blue area represents the water. A vertical double-headed arrow labeled  $D_{sf}$  indicates the depth of the water over the sandbar.

$\beta$

$D_{sf}$

Shoreface section