



Figure 1: Diagram showing the architecture of the training and validation datasets. Sea and swell partitions are indicated for each of  $H_s$ ,  $T_p$ ,  $T_z$ , and  $D_p$ . The label or predictor,  $H_s \text{ NS}$ , is on the right, where  $\text{O}$  represents Offshore,  $\text{NS}$  Nearshore,  $t$  represents the predicted timestep, and  $dt$  represents a timestep (1 hour).