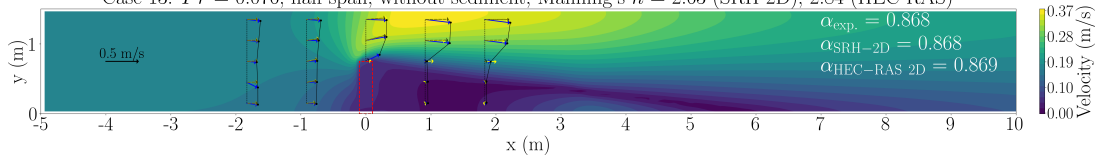
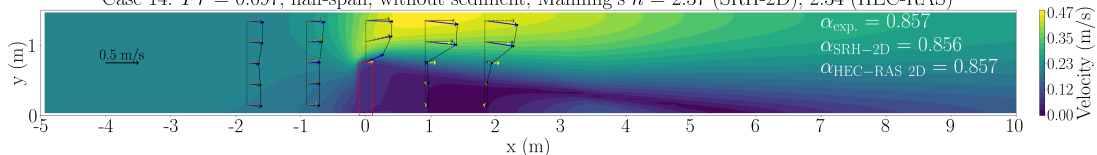


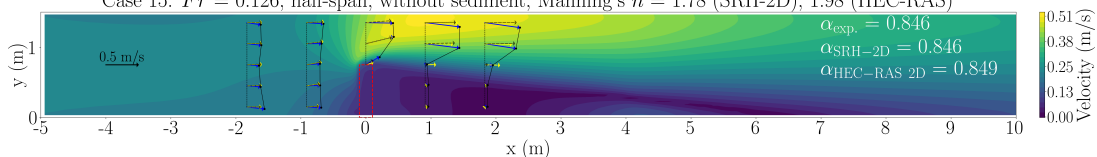
(a)

Case 13:  $Fr = 0.076$ , half-span, without sediment, Manning's  $n = 2.63$  (SRH-2D), 2.84 (HEC-RAS)

(b)

Case 14:  $Fr = 0.097$ , half-span, without sediment, Manning's  $n = 2.37$  (SRH-2D), 2.34 (HEC-RAS)

(c)

Case 15:  $Fr = 0.126$ , half-span, without sediment, Manning's  $n = 1.78$  (SRH-2D), 1.98 (HEC-RAS)

(d)

Case 16:  $Fr = 0.163$ , half-span, without sediment, Manning's  $n = 1.62$  (SRH-2D), 1.84 (HEC-RAS)