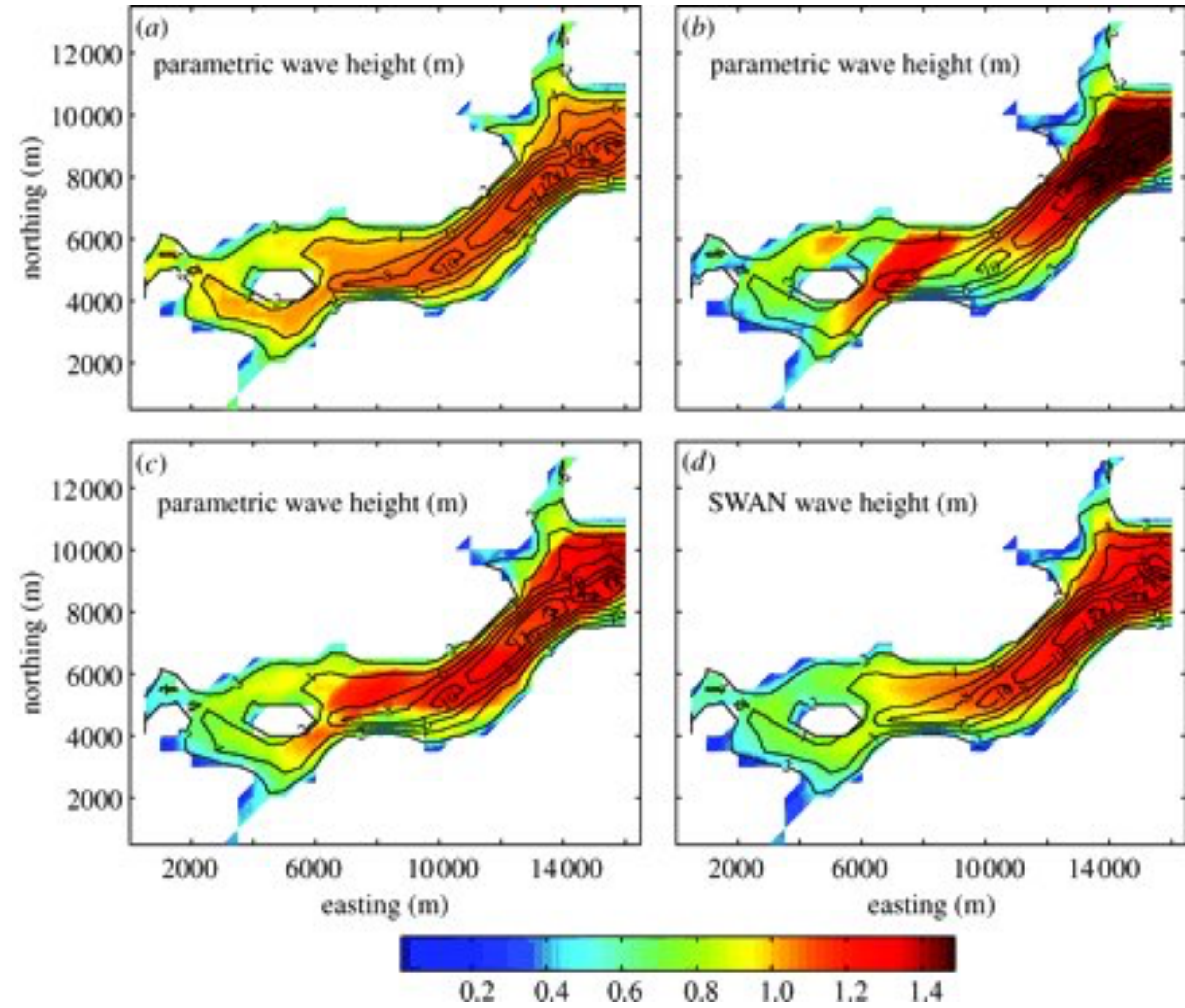
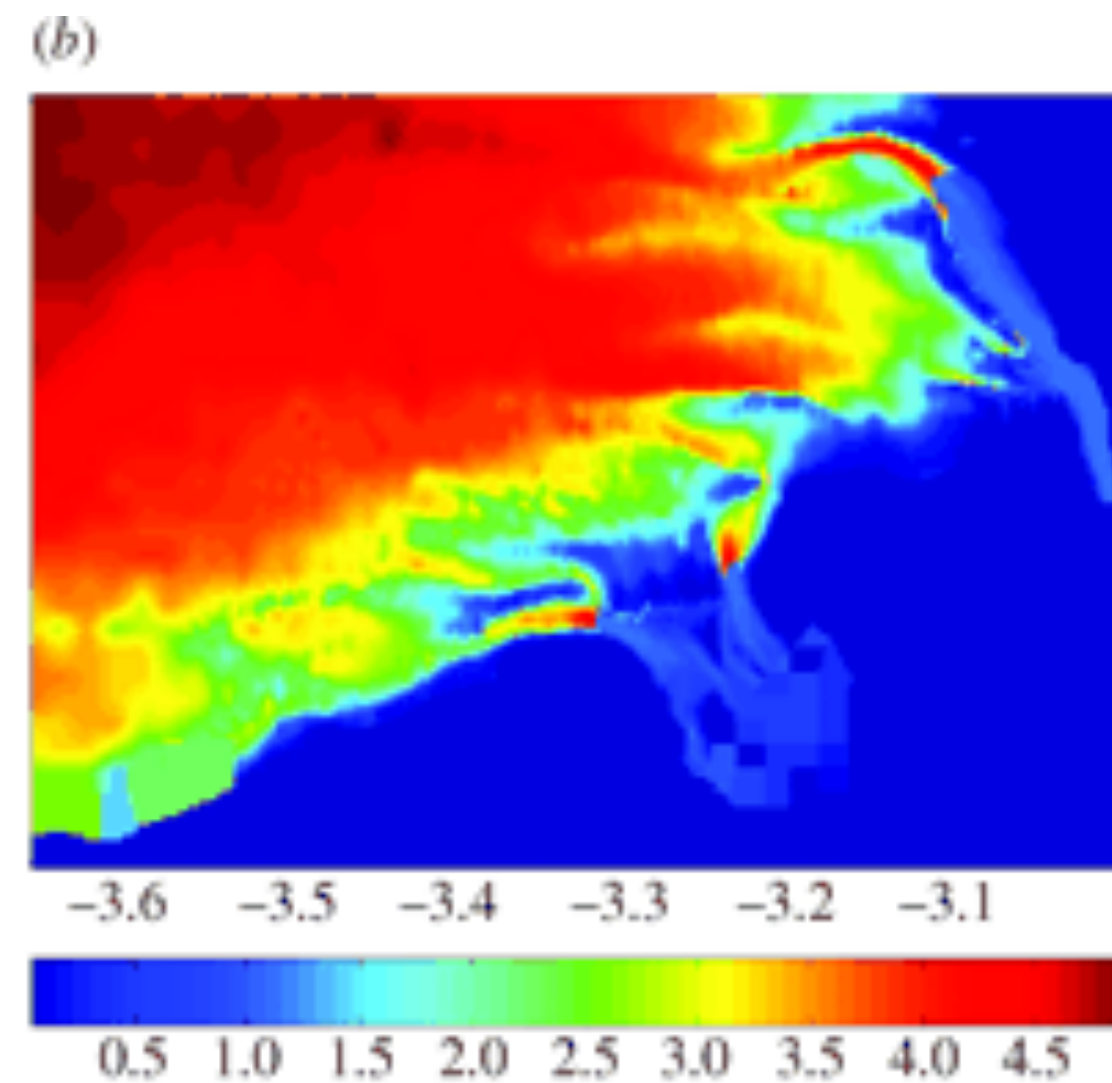
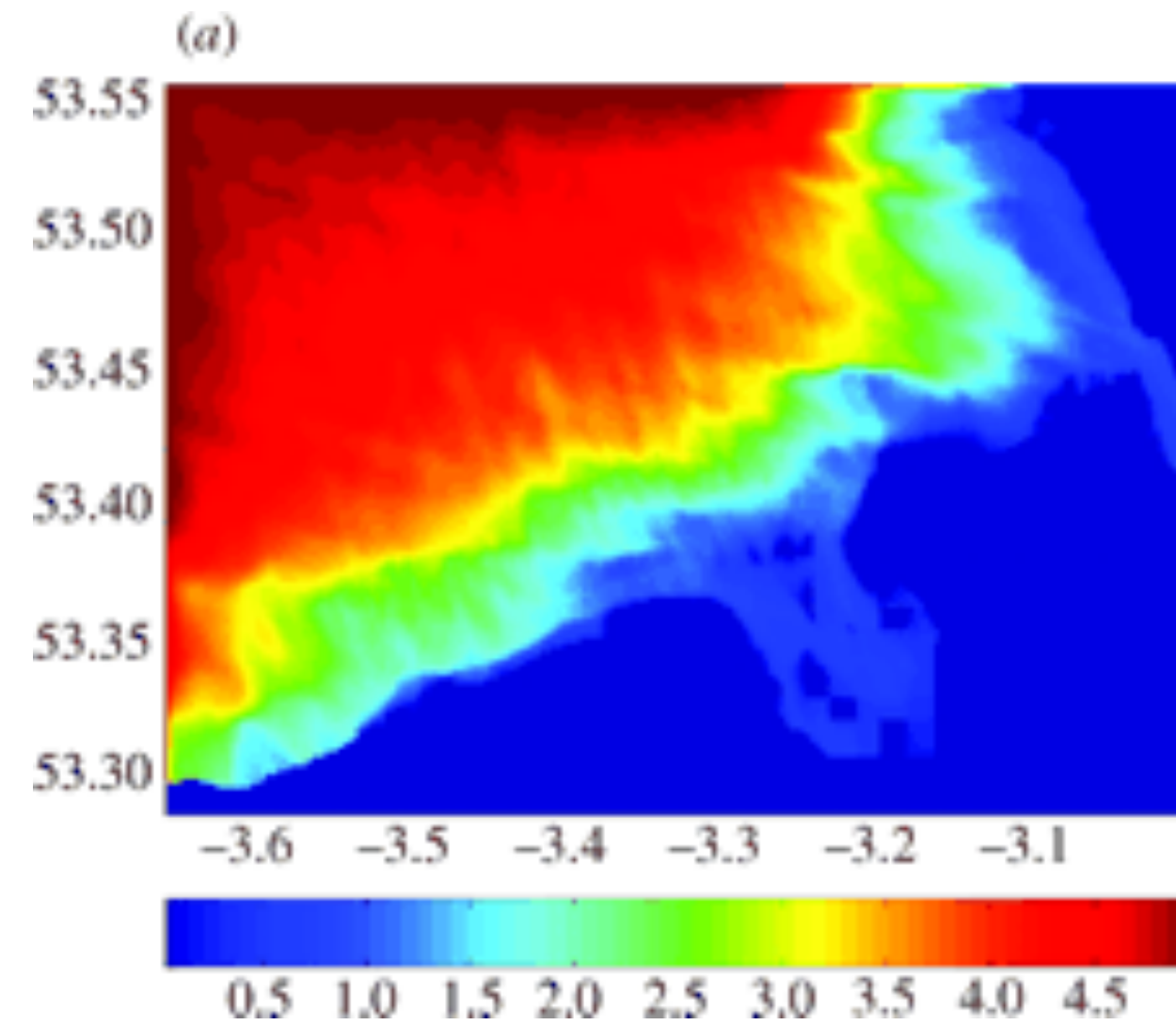


Alternative modelling approaches

cellular automata models - hydrodynamic applications



Alternative modelling approaches

cellular automata models - aeolian dune evolutions

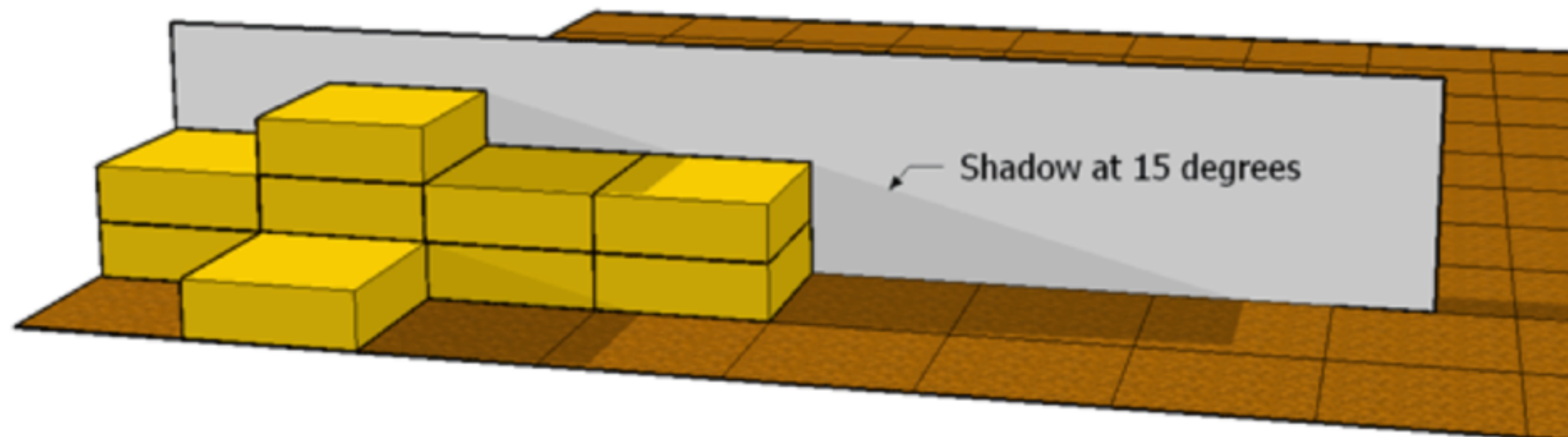
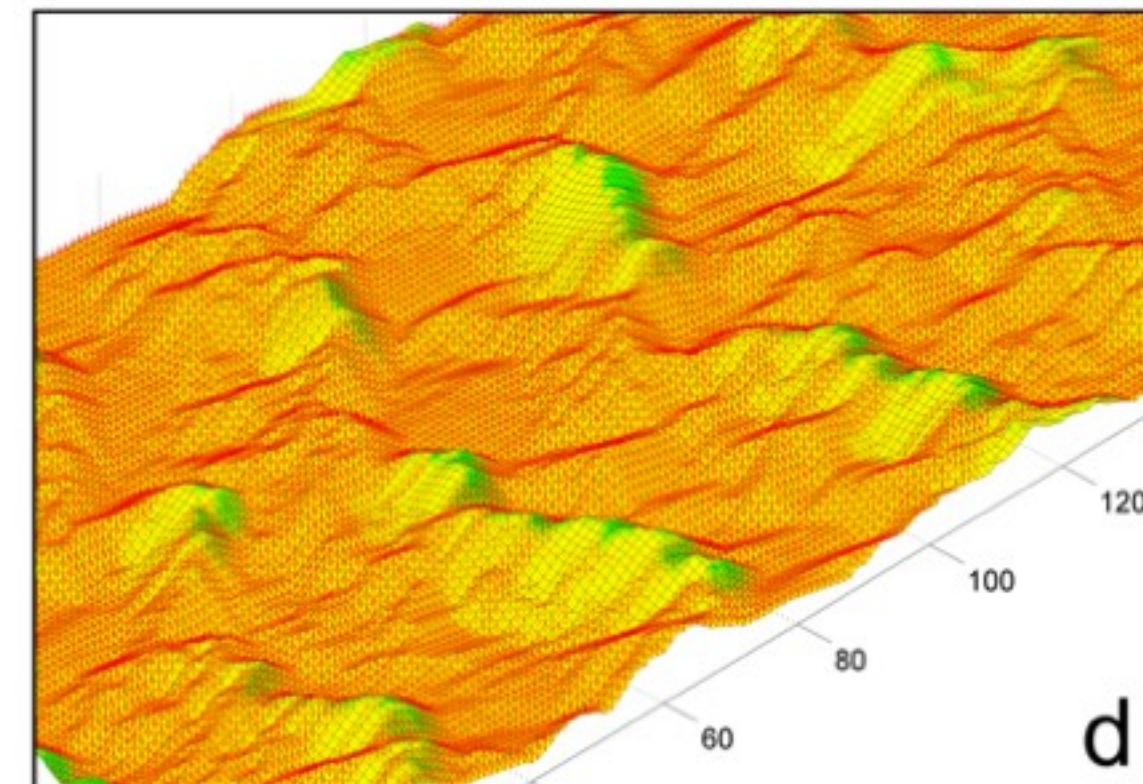
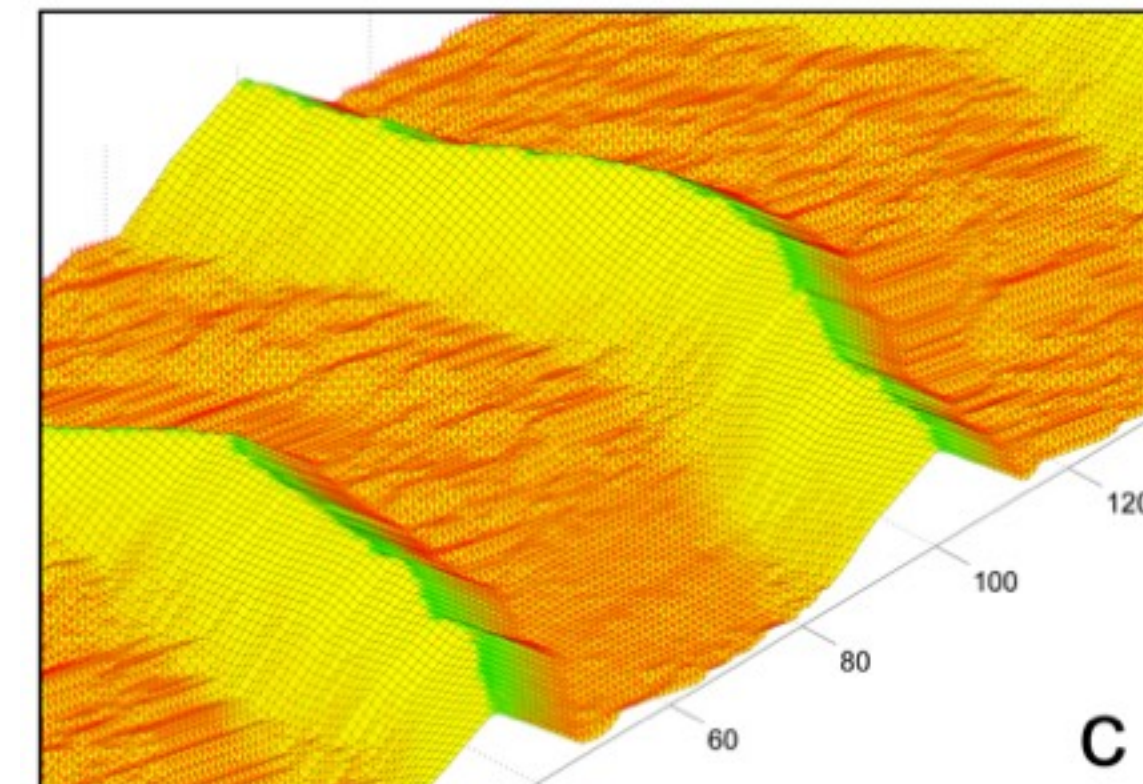
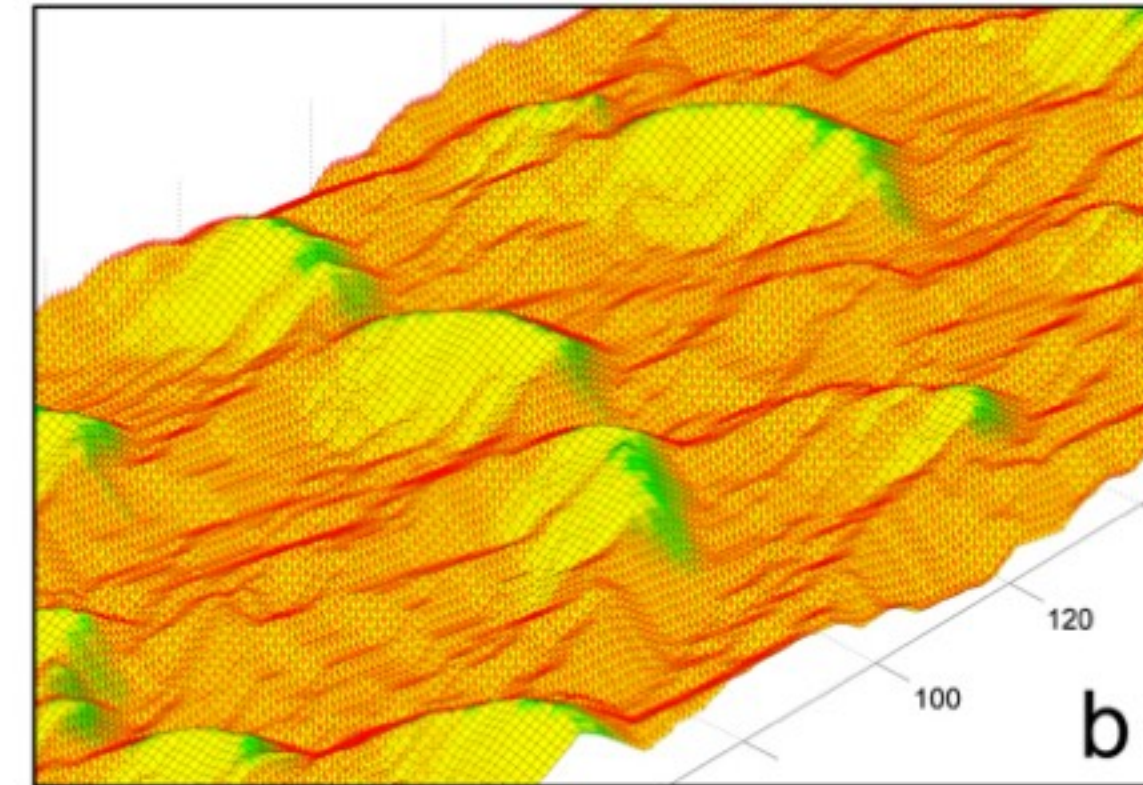
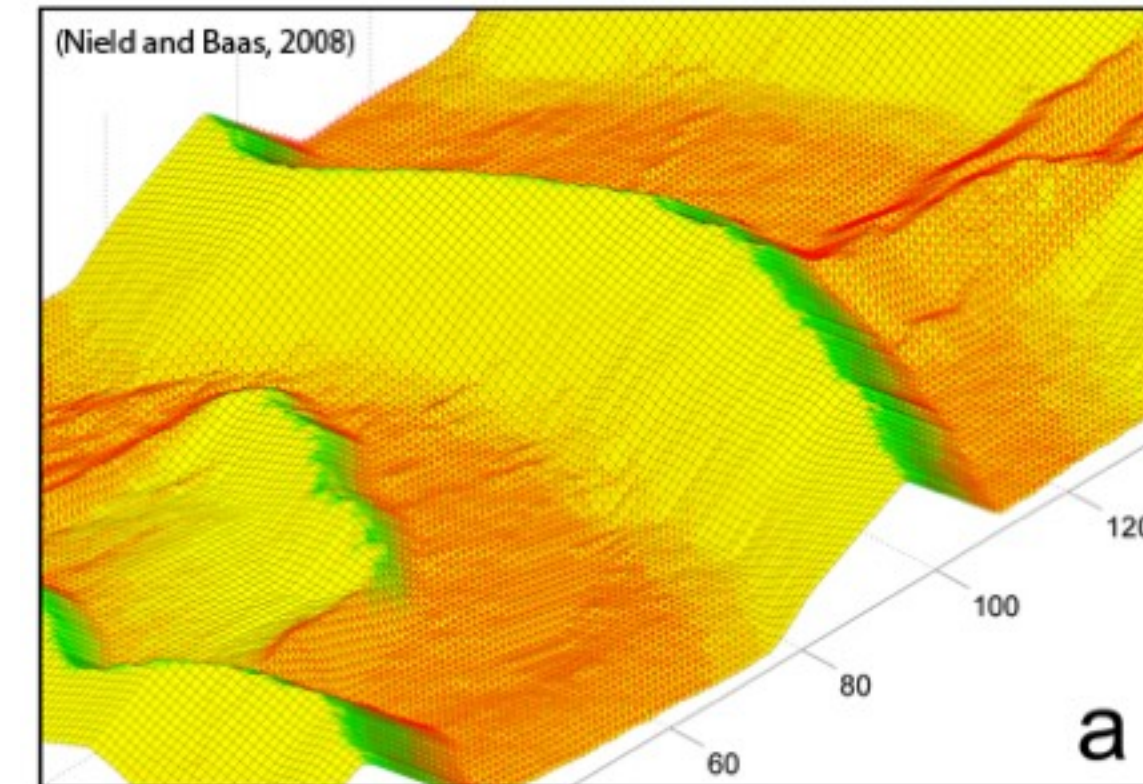


Fig 2. Shadows cast at 15 degrees by sand slabs. Four cells are more than half shadowed.