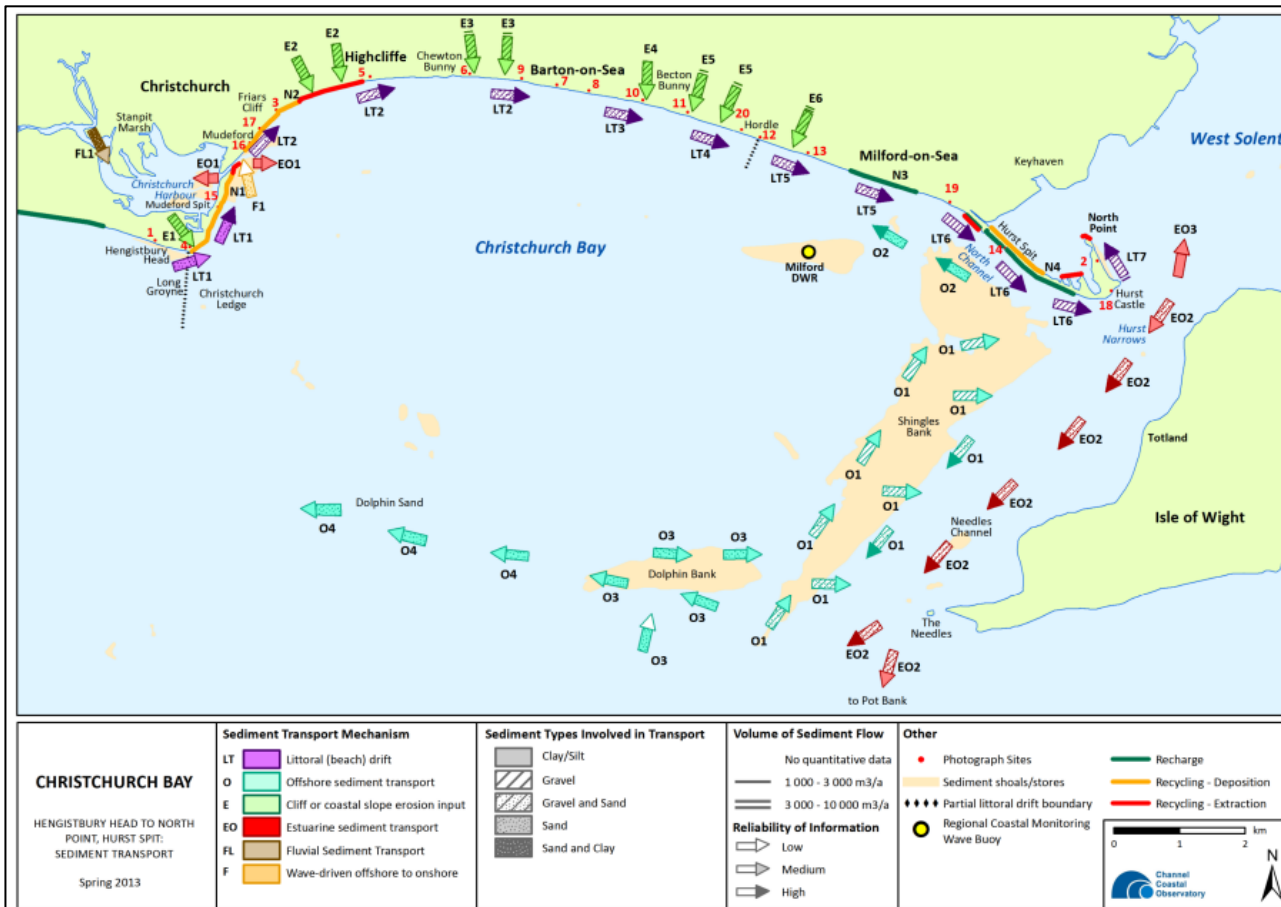


Resource 2: Christchurch Bay – sediment cell

Effective management requires an understanding of coastal processes. The map below shows sediment transport pathways in Christchurch Bay. Notice that there is a cellular pattern to the transport movements, hence the term 'sediment cell'. Most of the sediment is confined to the bay which is why this the most appropriate planning unit for coastal management. A holistic approach to management for the entire bay is essential: actions at one location can have knock-on effects elsewhere 'downdrift'. Look closely at the key to understand the symbols used on the map.



(Source: <https://www.scopac.org.uk/sts/>).

Produced in collaboration with Geography Southwest (<https://www.geographysouthwest.co.uk/>) and the project partners.