

A first look to Lagrangian coherent structures in the Gulf of Finland as a mean to identify hotspots of surface particle aggregation

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Material and debris transport patterns in Moreton Bay, Australia : the influence of Lagrangian coherent structure

Suara, Kabir Adewale; Khanarmuei, Mohammadreza; Ghosh, Anusmriti; Yu, Yingying; Zhang, Hong; **Soomere, Tarmo**; Brown, Richard J. Science of the total environment 2020 / art. 137715 <https://doi.org/10.1016/j.scitotenv.2020.137715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Persistency of debris accumulation in tidal estuaries using Lagrangian coherent structures

Ghosh, Anusmriti; Suara, Kabir Adewale; McCue, Scott W.; Yu, Yingying; **Soomere, Tarmo**; Brown, Richard J. The science of the total environment 2021 / art. 146808, 12 p. : ill <https://doi.org/10.1016/j.scitotenv.2021.146808> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tracking areas with increased likelihood of surface particle aggregation in the Gulf of Finland : a first look at persistent Lagrangian Coherent Structures (LCS)

Giudici, Andrea; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. Journal of marine systems 2021 / art. 103514, 8 p. : ill., map <https://doi.org/10.1016/j.jmarsys.2021.103514> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Using Lagrangian coherent structures to investigate upwelling and physical process in the Gladstone coastal region

Ghosh, Anusmriti; Suara, Kabir Adewale; **Soomere, Tarmo**; Brown, Richard J. Journal of marine systems 2022 / art. 103731 <https://doi.org/10.1016/j.jmarsys.2022.103731> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)