

Albania Geological Survey (AGS)

Decision support systems (DSS) for coastal vulnerability assessments

AGS reported that they currently do not use DSSs for coastal vulnerability assessment. ArcGIS is the primary DST, which AGS uses to create sedimentation rate maps illustrating coastal erosion and accumulation patterns. The relevant parameters are standardised in the process of making the sedimentation rate maps.

Input parameters mentioned in the figure may comprise multiple sub-parameters. For more information on the input parameters see Larsen et al. (2025; Table 1, p 17).

Further readings:

Larsen, I. R., Ernstsen, V. B., Maspataud, A., Dakin, N., van Heteren, S., Koutroulli, A., Poyiadji, E. & the GSEU T5.4 Consortium (2025). EGDl multifunctional 2D/3D decision-support module v1. GSEU Report on Deliverable 5.7, 165 pp.

