

# Data as a Service—Sea Level Rise and Storm Surge



## New DaaS Product for Quickly Assessing Physical Coastal Risk

Global coverage GIS data service incorporating the latest data, multiple sources of vertical land movement data, GAR 15 global storm surge data, European Commission, Joint Research Centre (JRC) extreme sea level historical data, ensemble of GCM projections, applying subdaily extreme maximum wind speed and sea level pressure change factors derived from CMIP5 data.

Raster fields generated at 0.05 degree resolution at the coastline for 10, 50, 100 and 250 year return periods and for any time slice or RCP, with for example low (10 percentile), median (50 percentile), and high (90 percentile) of GCM ensemble changes (all parameters customisable).

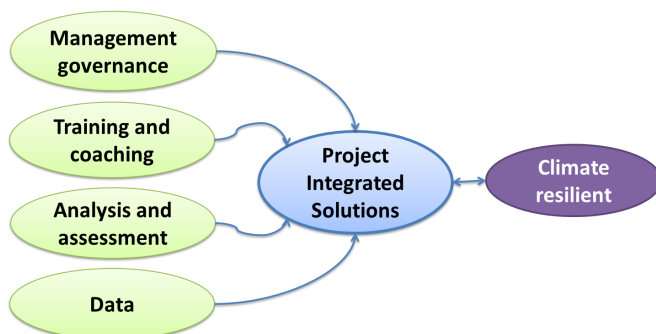
## Our Expertise

Whether a problem is large or small, straightforward or complex, we have the full-service solution and experience to deliver the answers you need to move forward.

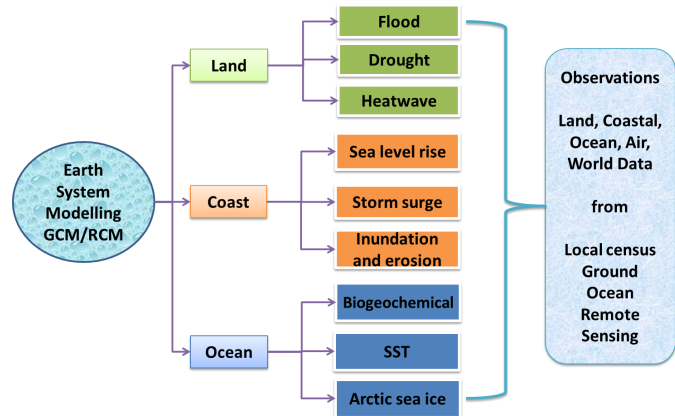
Early engagement for problem identification, co-design, co-production and co-delivery. Practical coaching and communication with specific software and data.

Alignment with international and national conventions and standards.

High quality data, analysis and visualization.



## CLIMsystems Data Services

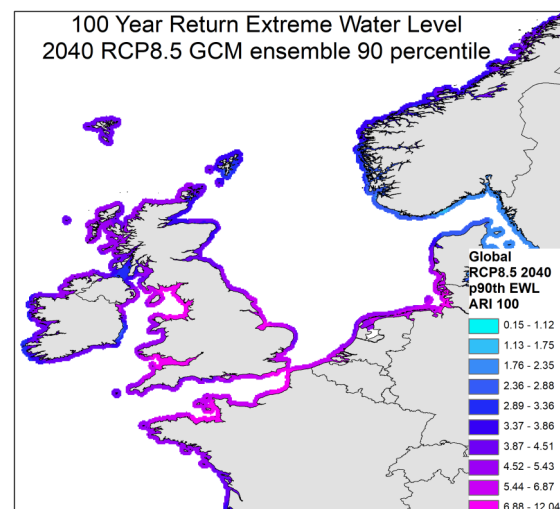


**Defensible:** scientifically robust, up to date, and cross validated.

**Actionable:** provide climate and derived analysis results fit for purpose for adaptation planning and engineering projects.

**Legitimate:** follow the conventions, guidance and standards of international and country specific, scientific and engineering communities.

**Wide range:** provide high resolution and wide range of climate related data obtained through partners and the data mining of respected sources.



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