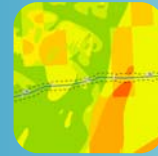




Capability Statement

Geographic Information Systems (GIS)



MarineSpace provides geospatial data analysis, data management and end user chart production, transforming raw data into intuitive and meaningful visual representation.

Our Vision

To work collaboratively with our clients, and with due consideration for the sensitivity of the marine environment, to provide consistently high quality, reliable advice regarding the planning, consenting, development, operation and monitoring of their projects.

MarineSpace has significant expertise of analysing, geospatial interpretation and charting a wide variety of data collected in the marine environment. MarineSpace specialises in data management, visualisation and spatial analysis to support a diverse range of small and large-scale projects.



Specifically, MarineSpace is able to provide the following services and products in the following areas:

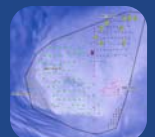
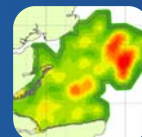
- Map production
- Spatial data analysis and modelling
- Geodatabase development
- Data acquisition and creation
- Data processing and analysis
- Spatial analysis
- Suitability mapping
- Consulting
- 2D and 3D Visualisation
- Data conversion, integration and interoperability

Consultancy, Consenting and Compliance Services for Marine Developers

For more information contact Iain Warner

Email: iain.warner@marinespace.co.uk

Telephone: 02380 381 945



MarineSpace

Making Sense of the Marine Environment™



Capability Statement

Geographic Information Systems (GIS)



MarineSpace provides geospatial data analysis, data management and end user chart production, transforming raw data into intuitive and meaningful visual representation.

Key Benefits of Using MarineSpace

- Extremely experienced staff
- Strong work ethic and project delivery history
- Extensive knowledge of UK marine consenting and environmental issues
- Excellent knowledge of the UK regulatory process for all marine developments
- Expertise across a range of industries
- Ability to deliver both high-level strategic and targeted technical advice

Project Case Study

MarineSpace developed a 2 stage methodology to strategically assess potential impacts between UK dredging areas and defined Atlantic Herring spawning habitat utilising GIS.

The assessments aim was, using geospatial analysis, to screen all marine aggregate extraction application areas against regions of seabed identified as having potential to support Herring populations during certain stages of their lifecycle. To undertake the analysis, multiple layers of seabed user data was constructed, mapped, interpolated and analysed to provide an indicative footprint of suitable seabed habitat used anthropogenically.

The geospatial assessments analysed the relationship of multiple overlapping data layers used to assess the suitability of areas of seabed to support spawning for Herring populations.

The outcomes of the project presented the considerations of regional environmental effects from marine aggregate extraction activities, cumulatively and in-combination, on Atlantic Herring potential spawning habitat and potential habitat. The geospatial assessment of Herring habitat use was then calculated against an indicative seabed user footprint to inform the CIA.



Recent GIS Clients

- Hanson Aggregates Marine Ltd
- Centrica Energy Ltd
- Dong Energy Ltd
- DEME Building Materials
- The British Marine Aggregate Producers Association



MarineSpace is registered with the Achilles Utilities Vendors Database (UVDB)
Supplier Number: 094974

Consultancy, Consenting and Compliance Services for Marine Developers

For more information contact Iain Warner

Email: iain.warner@marinespace.co.uk

Telephone: 02380 381 945

