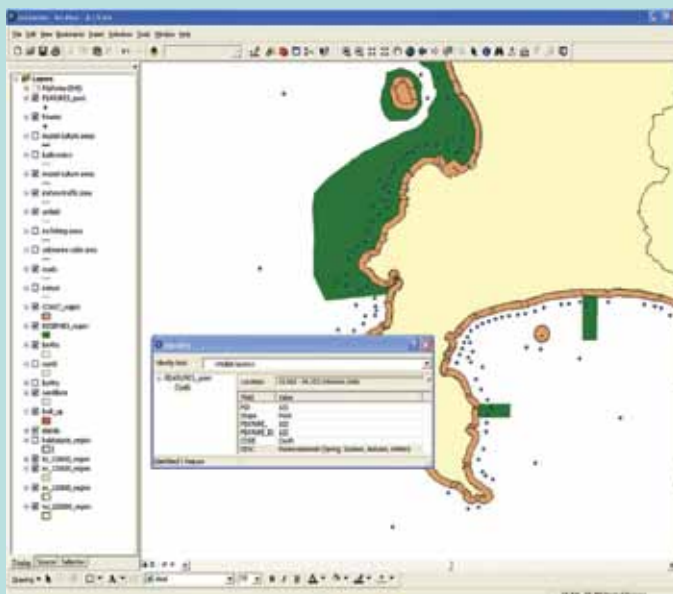


Environmental Sensitivity Mapping

Environmental sensitivity maps convey environmental and socio-economic data in a cartographic format so that information is represented in its respective geographic location. The area represented by sensitivity maps can range from an entire country's coastline to a small local area in the vicinity of an oil operation. Sensitivity maps are not confined to the coastal environment, but they can also cover inland sensitivities perhaps along a pipeline route or an inland waterway.

Sensitivity information can be displayed in two formats: hard paper copies as a single or series of maps, or electronically using Geographical Information Systems (GIS) as a tool.



The Service

Through our own in-house expertise and tools we can assist in developing and producing paper-based and digital environmental sensitivity maps using GIS which offers the following advantages:

- ◆ Extensive data storage capability
- ◆ Range of information can be held at any scale (e.g. satellite images, aerial photographs, topographic maps and other related data)
- ◆ Digital maps can be easily updated and linked to other applications (e.g. databases, modelling software, etc.)

As a value added service, **Oil Spill Response** will keep the environmental sensitivity maps in its GIS system allowing instantaneous, site specific, response advice to be given over the phone to our clients.

Our Approach

Oil Spill Response follow the guidelines for sensitivity mapping as defined jointly by the International Maritime Organization (IMO) and International Petroleum Industry Environmental Conservation Association (IPIECA). The flow diagram on the right illustrates the process that will be followed in developing environmental sensitivity maps.

The Benefits

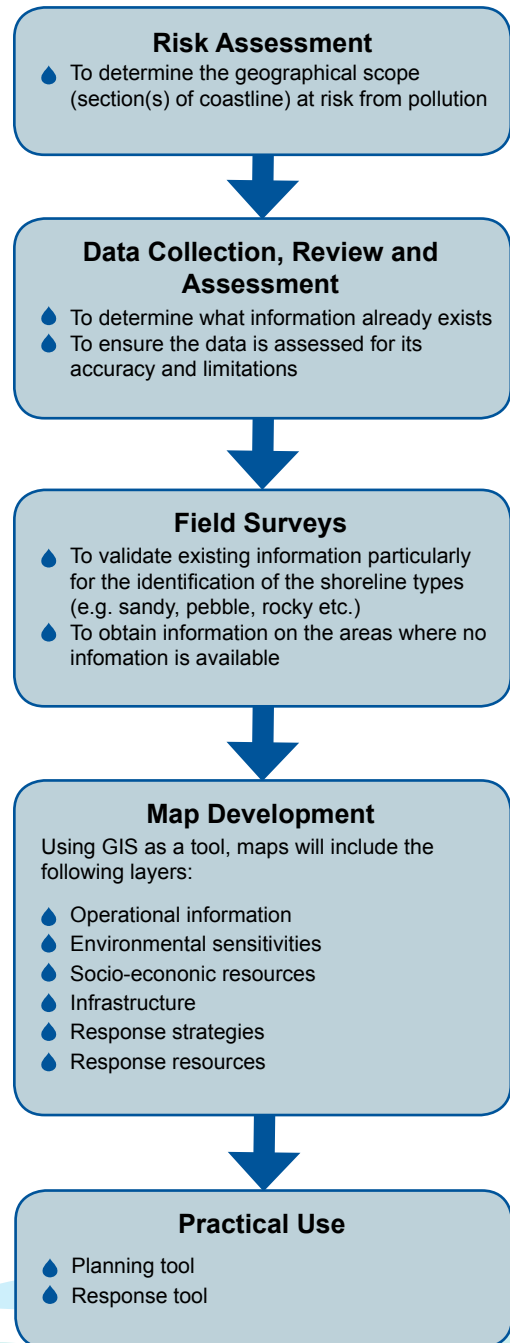
Environmental sensitivity mapping is an integral part of the contingency planning process and the availability of sensitivity information is highly valued during a response situation. Sensitivity maps can be used for a variety of purposes including:

Planning

- Assessment of habitats impacted or likely to be impacted by a spill
- Assists with the development of protection plans for sensitive shorelines
- Assists with predetermining response strategies

Response

- Enables response operations to be prioritised to protect the most vulnerable / important areas
- Assists spill managers to decide which strategy will be the most efficient for different locations
- Allows information on sensitive resources to be easily conveyed



SOUTHAMPTON

Lower William Street
Southampton SO14 5QE
United Kingdom

T +44 (0)23 8033 1551
F +44 (0)23 8033 1972

E southampton@oilspillresponse.com

SINGAPORE

2 Jalan Samulun
Singapore 629120

T +65 6266 1566
F +65 6266 2312

E singapore@oilspillresponse.com

BAHRAIN

PO Box 54211
Manama
Kingdom of Bahrain

T +973 1773 0961
F +973 1773 0058

E bahrain@oilspillresponse.com

INDONESIA

PT Oil Spill Response Indonesia
Indonesia Stock Exchange Building, Tower II, 17th Floor
Jl. Jend. Sudirman Kav. 52-53 Jakarta 12190

T +62 21 5291 7494
F +62 21 515 7799

E indonesia@oilspillresponse.com

ABERDEEN

Marine House Blaikies Quay
Aberdeen AB11 5EZ
United Kingdom

T +44 (0)1224 72 6859
F +44 (0)1224 72 6860

E aberdeen@oilspillresponse.com

LONDON (Registered Office)

One Great Cumberland Place
London W1H 7AL
United Kingdom

T +44 (0)20 7724 0102
F +44 (0)20 7724 0103

E london@oilspillresponse.com