# The anatomy of an OIL SPILL

# WEATHER

Wave height, temperature, and visibility are the most critical ambient factors affecting oil spill response operations

# **OIL TYPES**

There are over 1000 oil types. They can be categorised into two light, one medium and two heavy crude oil groups



#### of oil spills over 700 t are caused by grounding









UNIVERSITY OF ICELAND

Oil spill is the release of crude or processed hydrocarbons into the

sea due to an accident when transporting oil and oil products

⊌≦্যু Scottish Natural Heritage Dualchas Nàdair na h-Alba All of nature for all of Scotland Nàdar air fad airson Alba air fad





Norwegian Meteorological ӎ Institute





**FOR MORE INFO** http://app4sea.com/

Scottish Government Riaghaltas na h-Alba gov.scot

marinescotland



Northern Periphery and Arctic Programme

## NATURE

The species most vulnerable to oil spills are **seabirds**, **marine** mammals and fish

### **CLEAN UP**

#### Mechanical recovery, use of chemical dispersants and in situ burning are the most commonly used oil spill response techniques

#### PAPPGSEA **ARCTIC PREPAREDNESS PLATFORM** FOR OIL SPILL AND OTHER ENVIRONMENTAL ACCIDENTS

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