


THEME 5

PROTECTION OF THE ARCTIC MARINE ENVIRONMENT



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There are two kinds of
problems in the Arctic; the
imaginary and the real
Of the two, the imaginary
are the most real

Vilhjalmur Stefansson (1879–1962)

KEYWORDS

CUMULATIVE IMPACT ASSESSMENT
ENVIRONMENTAL ASSESSMENT
OFFSHORE OIL ACTIVITIES
SUSTAINABLE DEVELOPMENT

ARCTIC OIL SPILL RESPONSE OPERATIONS
ARCTIC OIL SPILL PREPAREDNESS
CONTAINMENT & RECOVERY DISPERSION
IN-SITU BURNING

ARCTIC ENVIRONMENT
EMISSIONS CONTROL
LNG FUEL
OIL RESPONSE

KEYWORDS

**ARCTIC OIL SPILL RESPONSE
AGREEMENT
ENVIRONMENTAL RISK BASED
RESPONSE & PREPAREDNESS
ASSESSMENT
INTERNATIONAL COOPERATION
OIL POLLUTION PREVENTION
OIL SPILL RESPONSE**

**ARCTIC
HIGH SEAS
INTEGRATED APPROACH
INTERVENTION
MARINE PROTECTION
OIL SPILL**

**CROSS-BORDER COOPERATION
EMERGENCY MANAGEMENT
EXTREME ENVIRONMENTS
INCIDENT COMMAND SYSTEMS
MASS EVACUATION
SAR OPERATIONS**

9 Abstracts

30 Keywords

0 Identical Keywords

1: PREVENTION

- The OIL SPILL fear
 - ▣ Vulnerability... Remoteness
 - ▣ Implications & Difficulties
 - ▣ Intervention, Integrated Approach
- Fuel types... heavy fuel bans/ LNG
- Accidents/Impact... Torrey Canyon, Horizon etc
- Unpredictable changes

Prevention is better
than cure!

2: RESPONSE

- Much research but a scarcity of concrete experience... local/ global issues
 - ▣ *In situ* burning...
 - ▣ Preparedness... the ready capacity to respond
 - ▣ Options
 - ▣ Data collection priorities
 - ▣ Retention times

Busy at being busy?

3: COLLABORATION

- Good but could be (much) better!
 - Agreements
 - Mass evacuation... cross-border cooperation
 - Positive: data collection
 - Negative: *Kursk* submarine disaster
 - Partnerships: short-term, long-term
 - Resilient commitment?



Having the political will

4. INDUSTRY

- Oil, Tourism, Cruise etc
- Infrastructure gap issues
- Self-policing activities
- Untried technical aspects
 - ▣ eg how best to anchor a rig



Is the private sector
able to take care of
itself?

5. INVASIVES

- A real threat; regime shifts, fish communities *North*
- Not only through Ballast Water
 - ▣ Marine Debris
 - ▣ Diseases
 - ▣ Noise
- Sensitive areas

No rats, no roaches!

Finally, an invasive species?

"After the spill the authorities were looking for an escaped goat!"

