



# An Introduction to ITOPF

*Richard H. Johnson Technical Director*

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**Funded by Global Shipping Industry**



**To Promote Effective Response  
to Ship-Source Spills**



# ITOPF Membership



- 6,350 tanker owner **Members**
- 10,950 tankers of 340 million GT (>97%)
- Other ship owner **Associates** (since 1999)
- 720 million GT of non-tanker tonnage (>90%)
- P&I Clubs arrange ITOPF entries & pay dues
- ITOPF 'Not for Profit' Company



MEMBER DUES = 0.54 UK pence/GT

ASSOCIATE DUES = 0.38 UK pence/GT





- Euronav, Belgium
- BP Shipping Ltd., UK
- BW Maritime Pte, Ltd., Singapore
- Chevron Shipping Company LLC, USA
- China Shipping Development Co. Ltd., China
- ExxonMobil, SeaRiver Maritime Inc., USA
- F Laeisz GmbH, Germany
- Gard (UK) Ltd., UK/Norway
- Great Eastern Shipping Co. Ltd., India
- Japan Ship Owners Mutual P&I Assoc., Japan
- JX Tanker Company Ltd., Japan
- Keystone Shipping Corporation, USA
- Maersk Tankers, Denmark
- North of England P&I Association, UK
- NYK Line, Japan
- Shell Int.'l Trading & Shipping Co. Ltd., UK
- Sovcomflot, Russia
- Steamship Insurance Mgt. Services Ltd., UK
- Stena Bulk AB, Sweden
- Stolt-Nielsen Trans. Group BV, Netherlands
- Teekay Corporation Inc. (Chair), Canada
- **Transpetro, Brazil**
- Triandros Corporation, USA
- Valles Steamship Company Ltd., Hong Kong
- Vela International Marine Ltd., UAE



- Single office in London with 33 staff
- Technical team with 16 responders:
  - Scientific background & spill experience
  - On site at >700 spills in 100 countries
- In-house databases and technical library

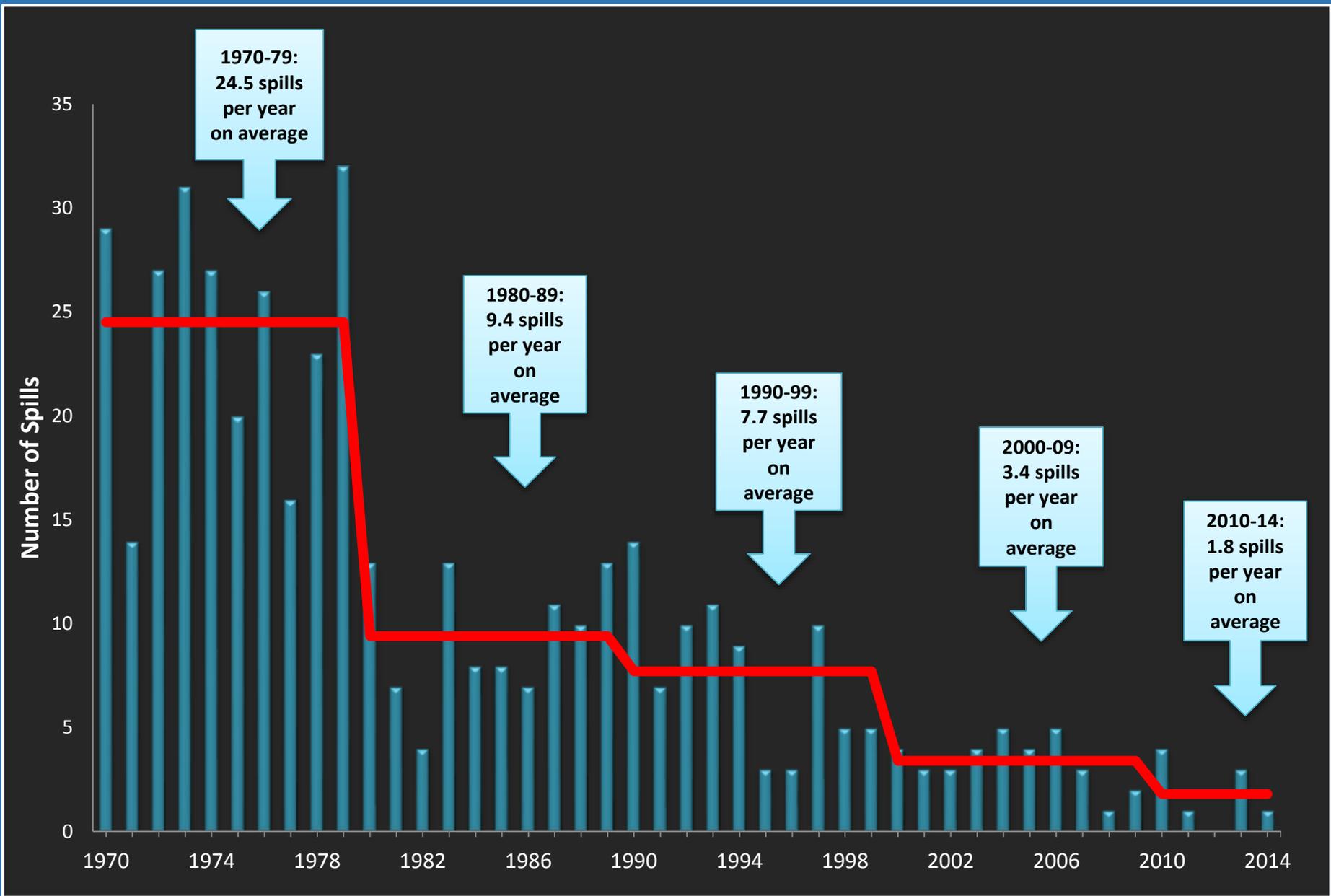


# Attended all the major tanker spills

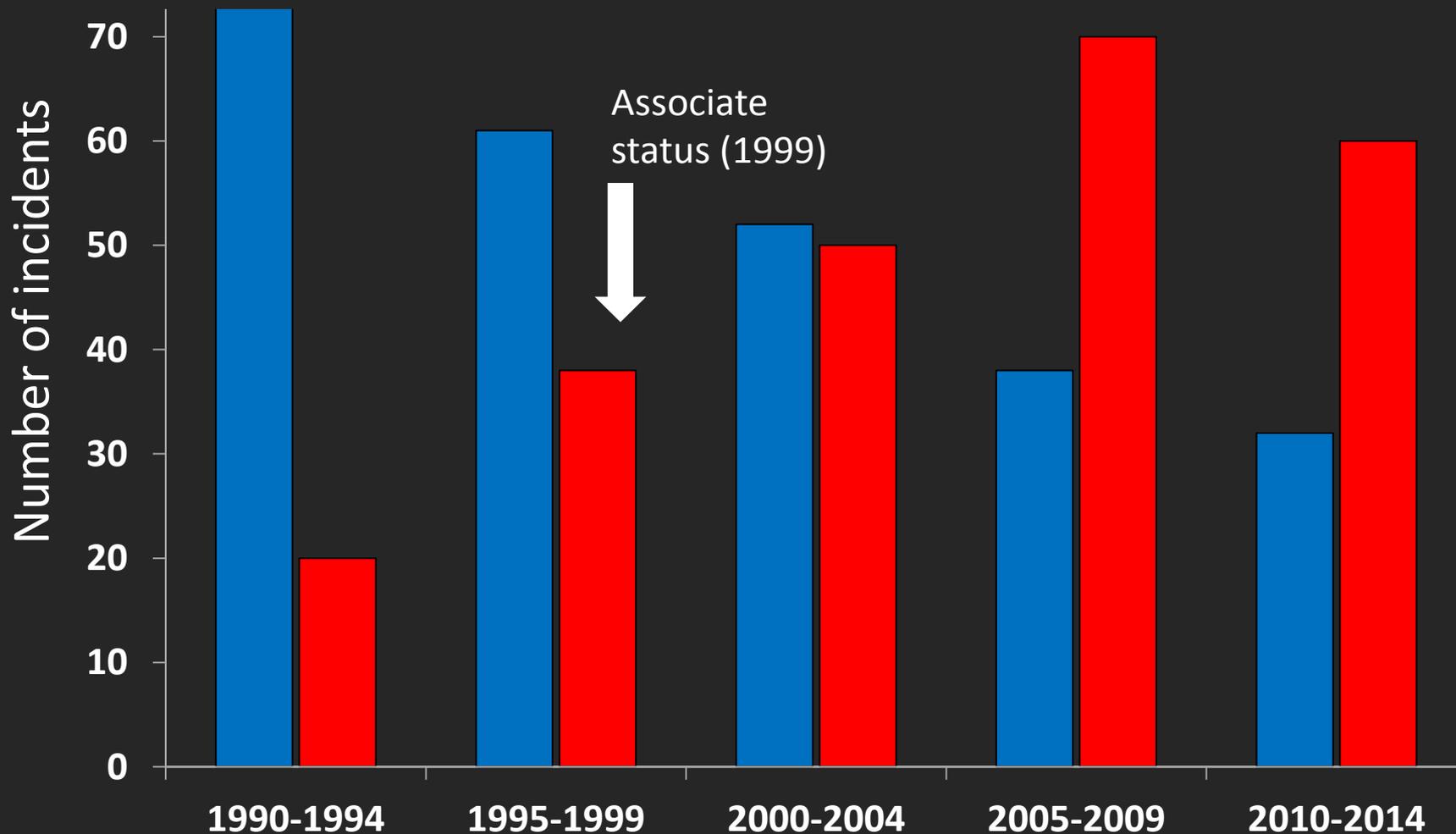
- EXXON VALDEZ
- HAVEN
- BRAER
- SEA EMPRESS
- EVOIKOS
- NAKHODKA
- NATUNA SEA
- ERIKA
- PRESTIGE
- TASMAN SPIRIT
- HEBEI SPIRIT

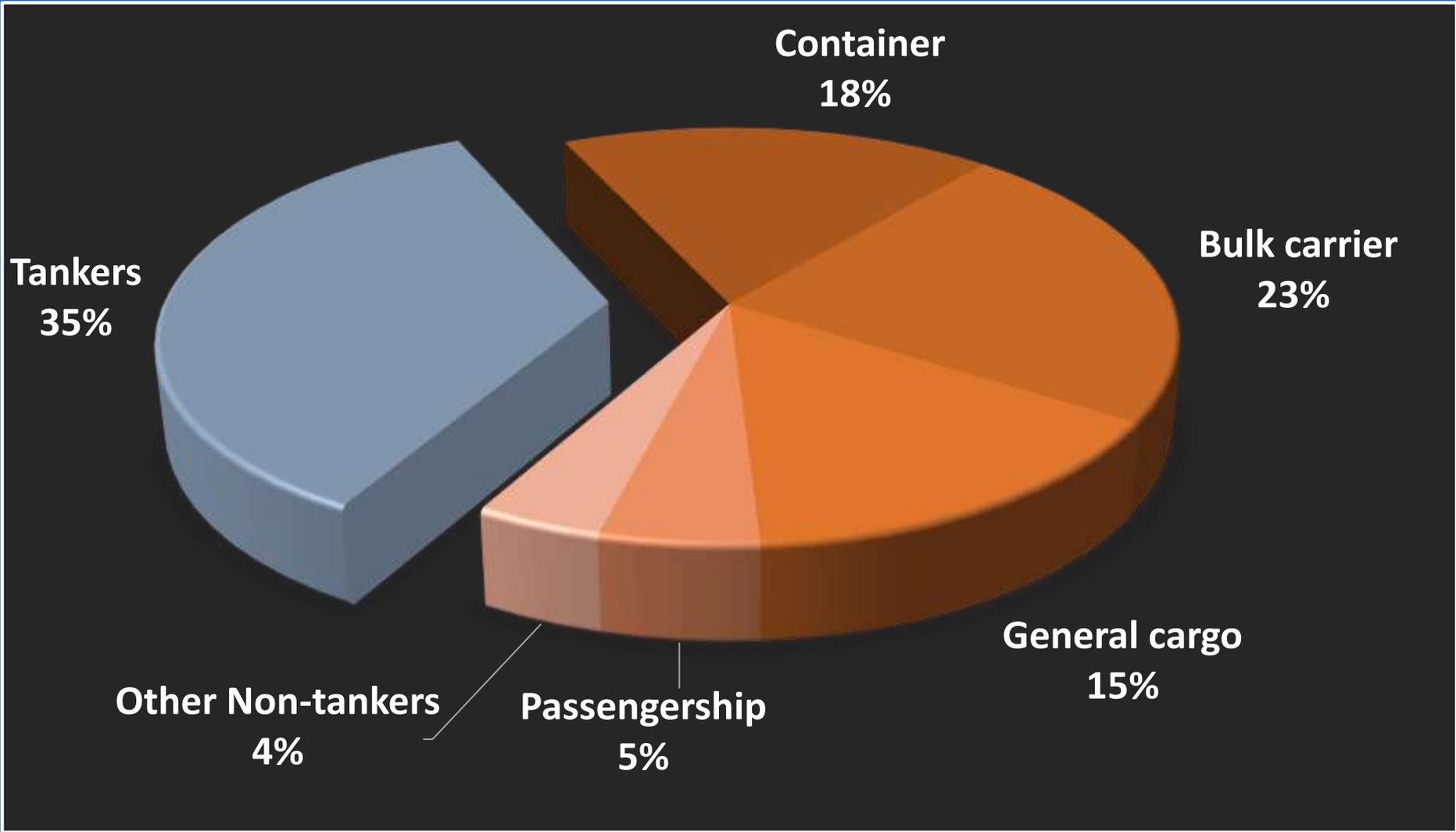


# GLOBAL TRENDS: MAJOR TANKER SPILLS (>5000bbs) - 45 year trend



## Tanker v Non-Tanker









# COSTA CONCORDIA



- 22 incidents in 12 months
- 10 spills from bunker tanks

- 2 spills of persistent fuel oil
- One HNS spill



# SOUTHERN STAR 7

The Sundarbans,  
Bangladesh, 09.12.2014

Daily Star, Bangladesh



STRDEL/AFP/Getty Image



- Role varies depending on the requirements and preparedness
- Provide technical advice to government, responders & victims
- Promote effective response, joint assessments & cooperation
- Monitor spill response & investigate damage to sensitive resources
- Arrange for additional expertise & equipment to be brought on site



© ITOPF

- Impartial advice on technical merits of claims at request of P&I Club or IOPC Funds
- Providing advice on oil spill compensation is a natural extension of ITOPF's on-site work
- Involves objective analysis of 'reasonableness' of clean-up costs and damage claims
- Utilise information gathered while on-site and 'CLC/FUND principles' for consistency
- ITOPF's advice is often sought on studies to assess damage to fisheries & environment



## OVERALL AIM OF ITOF: TO PROMOTE EFFECTIVE SPILL RESPONSE

- Contingency planning, oil spill exercises and drills
- Conferences, workshops and training courses
- Technical input at IMO/IOPC Funds meetings

The screenshot shows the ITOPF website homepage. At the top, it features the ITOPF logo and the full name: 'THE INTERNATIONAL TANKER OWNERS POLLUTION FEDERATION LIMITED'. A 24-hour emergency contact number is provided. Below this is a search bar and a navigation menu with links for Home, About ITOPF, Information Services, About Marine Spills, Spill Response, Spill Compensation, News & Events, and R&D Award. A large banner image depicts a coastal cleanup scene. The main text block describes ITOPF as a not-for-profit organization established on behalf of the world's shipowners to promote an effective response to marine spills of oil, chemicals, and other hazardous substances. It lists technical services such as on-site clean-up advice, pollution damage assessment, and spill response planning. Below this is a section titled 'Access Our Information Services' with icons for Country Profiles, Publications, Data & Statistics, Clean Up Techniques, Environmental Impact, and R & D Award. A 'News & Events' section lists recent activities like a seminar in Amsterdam, a support & development director, an annual review, and new editions of response manuals. It also mentions the availability of Technical Information Papers (TIPS) in Chinese.

A stack of four ITOPF Technical Information Paper (TIP) covers is shown. The covers are:

- 1. AERIAL OBSERVATION OF MARINE OIL SPILLS
- 2. FATE OF MARINE OIL SPILLS
- 3. USE OF BOOMS IN OIL POLLUTION RESPONSE
- 4. USE OF DISPERSANTS TO TREAT OIL SPILLS

Each cover features the ITOPF logo and a relevant image related to the paper's topic.

The cover of the ITOPF Handbook, which features a close-up image of purple mussels and the ITOPF logo.

The cover of 'ITOPF Oil Tanker Spill Statistics 2012', showing an aerial view of an industrial facility with green containment areas and the ITOPF logo.

The cover of 'OCEAN ORBIT', featuring a group of penguins and the title 'Managing Director's review'. It includes a small inset image of a book cover.

The cover of 'RESPONSE TO MARINE OIL SPILLS', showing a large oil tanker at sea with a yellow boom in the foreground and the ITOPF logo.

- Website & WebGIS - [www.itopf.com](http://www.itopf.com)
- ITOPF publications (e.g. TIPS Series)
- Databases with spill statistics
- Comprehensive technical library



## Response to Marine Oil Spills Film Series

- Information Services
- ITOPF Films
- Country Profiles
  - Help
- Publications
  - Technical Reports
  - ITOPF Papers
  - Chinese
  - French
  - Russian
  - Korean
- Data & Statistics
  - Case Histories
  - GIS Map
  - Statistics
- ITOPF Library
- Designated Person Survey
- Useful Links

Oil spills from shipping accidents and offshore blowouts are rare, but when they happen the impact on the environment, on livelihoods and on the local economy can be severe.

In this series of seven films, we tackle the key questions. What issues do we need to consider? What expertise and techniques are available? and how do we deliver a well-planned and executed response?

- 1. [Film Trailer](#)
- 1. [Introduction to Oil Spills](#)
- 2. [Aerial Surveillance](#)
- 3. [At-Sea Response](#)
- 4. Shoreline Clean-Up (Coming soon)
- 5. Waste Management (Coming soon)
- 6. Environmental Impacts (Coming soon)
- 7. Oil Spill Compensation (Coming soon)

### Film Trailer



# ITOPF FILMS

- 7 Films
- Free online
- ITOPF App
- DVD
- English
- Portuguese
- French
- Spanish
- Korean
- Chinese
- Arabic

# SUMMARY of ITOPF



Richard H. Johnson

*Technical Director*

1. SPILL RESPONSE (OIL & HNS)
2. CLAIMS ANALYSIS & DAMAGE ASSESSMENT
3. CONTINGENCY PLANNING & ADVISORY WORK
4. TRAINING & EDUCATION
5. TECHNICAL INFORMATION

# To Promote Effective Response to Ship-Source Spills



[www.itopf.com](http://www.itopf.com)