



Integrated and Coordinated Response to the Prospective Disaster in Black Sea

M. Kerem Kemerli, MSc CE

General Manager of MEKE Marine Environmental Protection Services,

President of European Spill Association, EUROSPILL

Executive Committee member of International Spill Control Organization, ISCO

Executive Board Member of Turkish Marine Scientific Research Foundation, TUDAV

Who is ISCO



- non-profit-making organisation
- incorporated in London in 1984
- dedicated to improving world-wide preparedness for response to oil and chemical spills.

- membership in 34 countries around the world -
Australia, Azerbaijan, Belgium, Brazil, British Virgin Islands, Canada, China, Denmark, Egypt, Estonia, Faroe Islands, Finland, France, Greece, India, Israel, Ireland, Italy, Kenya, Kuwait, Luxembourg, Malaysia, Malta, Norway, Saudi Arabia, Singapore, South Africa, Turkey, UK, United Arab Emirates and USA.



What ISCO is doing

Consultative Status at IMO

- ISCO gives the spill response community a voice and input to the work of IMO in safeguarding the marine environment.
- ISCO alerts the spill response community on new developments, some of which present opportunities for ISCO members.
- ISCO is contributing to the work of the IMO OPRC-HNS Working Group, currently collating information on experience in response to HNS spills and to Subsea Oil Recovery. The emphasis is on the collation of experiences, problems solved and lessons learned by spill responders – information that is often not published or presented at conferences. This information will be valuable in the drafting of new response guidelines and manuals. Contributors have an incentive to contribute to this work because their inputs will be acknowledged, raising individual or company profiles with governments, oil and shipping industries, insurance interests and others.
- ISCO is committed to supporting IMO's Technical Co-operation Programme, finding qualified individuals who can help needed countries to implement OPRC and other conventions.



What ISCO is doing

Sourcing help

- ISCO encourages co-operation between spill responders and can help members find the right partner with complementary skills and know-how to meet new challenges.
- Spill scenarios are often unique – presenting very specific problems and requiring innovative approaches or application of methodologies that aren't in the textbook. ISCO has the contacts that can help you to quickly find the expertise or specialised equipment you need to find in a hurry.
- ISCO assists governments and other organisations in sourcing emergency support and resources in major pollution incidents. At the touch of a button, ISCO can alert all of its members (and others if necessary) to urgent requirements and, at the same time, act as a filter, summarising available assistance and passing on only the appropriate information. This prevents vital channels of communication becoming clogged up with sales calls.



What ISCO is doing

The ISCO Website

- Events Calendar - Listings and details of Conferences, Exhibitions, and Scheduled Training Courses (Oil Spill Response, Chemical Spill Response and Homeland Defence) - typically gives information on up to around 200 events in over 20 countries
- Downloads Page – Over 200 useful downloads – tools, data sheets, technical guidance, etc. in the fields of oil and chemical spill response, CBRN and Homeland Defence.
- Supplies & Services – for sourcing consultants, equipment and materials manufacturers and suppliers, response organisations, and providers of training courses.
- News – ISCO’s weekly newsletter, new technology section, appointments, business opportunities, job vacancies and job seekers. And, in the “Members Only” part of the ISCO website –• Technical & Reference Sections – Oil spill response, chemical spill response, and CBRN / Homeland Defence – articles and features.
- IMO Section – OPRC and HNS Protocol, Reports, IMO News, Work Group Pages (Sub-sea oil recovery and HNS response)
- ISCO Pages – “What’s New”, Meeting reports, Complete member listings and background information, ISCO constitution.



What ISCO is doing

The ISCO Newsletter

- ISCO's weekly newsletter is focused on international, regional and national news that is of interest to professionals, companies and organisations involved in oil and chemical spill control, and the emerging field of CBRN incident response. Through the Newsletter and its other activities, ISCO is disseminating information on new developments – technical advances, legislation, events and other matters that affect the international spill response community.

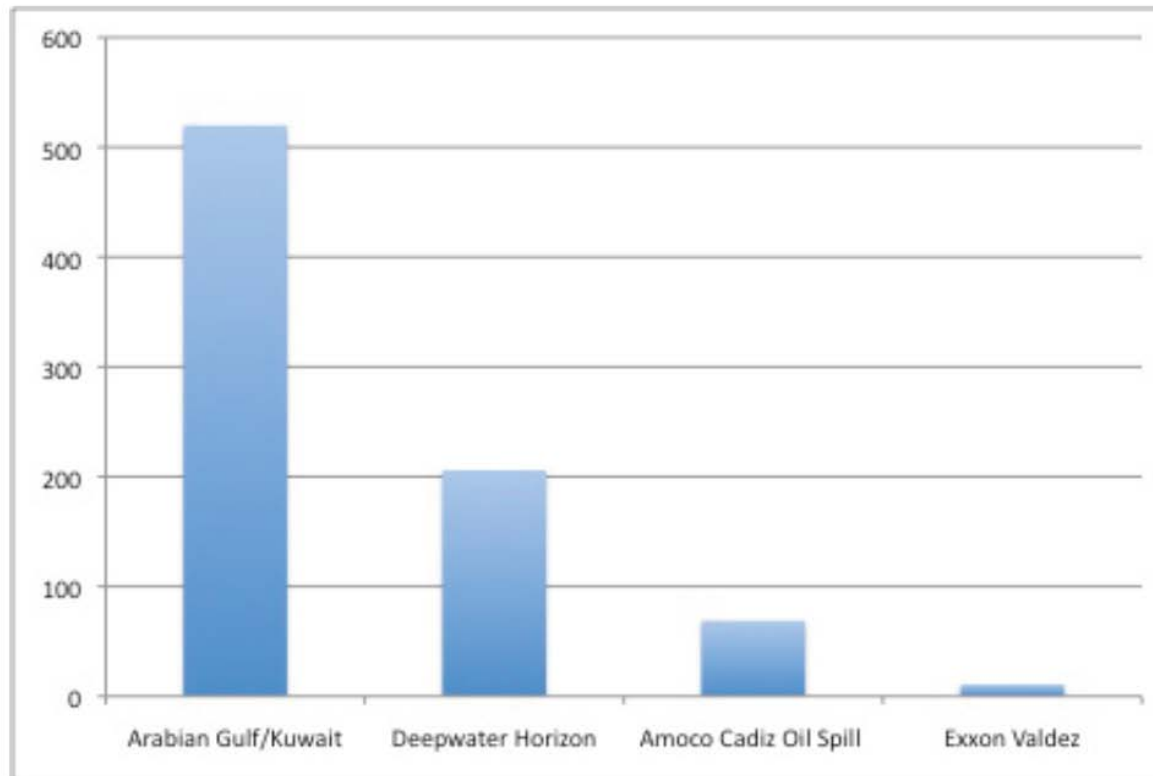


What ISCO is doing

Accreditation of Spill Responders

- In Association with International Spill Accreditation Association (ISAA) - the world's only independent accreditation body working with governments, the response community and other stakeholders to raise standards of spill response.
- ISAA undertakes the independent assessment and accreditation of spill response companies and organisations, and organises training events, workshops and seminars. A joint ISAA-ISCO Working Group of respected international experts is currently developing criteria for the accreditation of companies and other organisations involved in response to chemical / HNS pollution incidents.

World's Biggest Spills



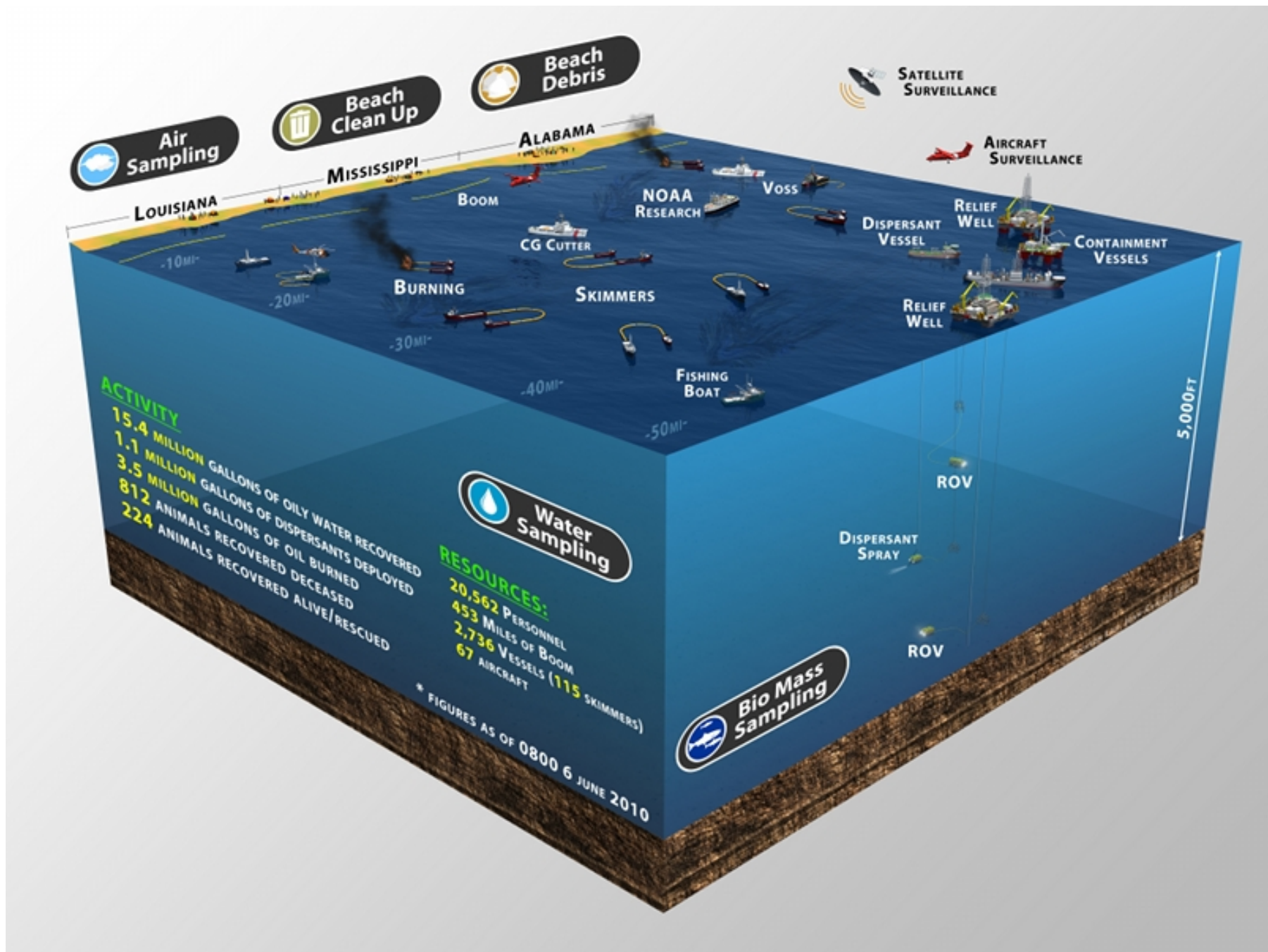
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Deepwater Horizon

Gulf of Mexico

International Black Sea Day
31 Oct. 2 Nov. 2010 Trabzon



Spill Response or 3 D Battle Management

International Black Sea Day
31 Oct - 2 Nov 2010 Tuzen



Working fields/Departments/ Ministries

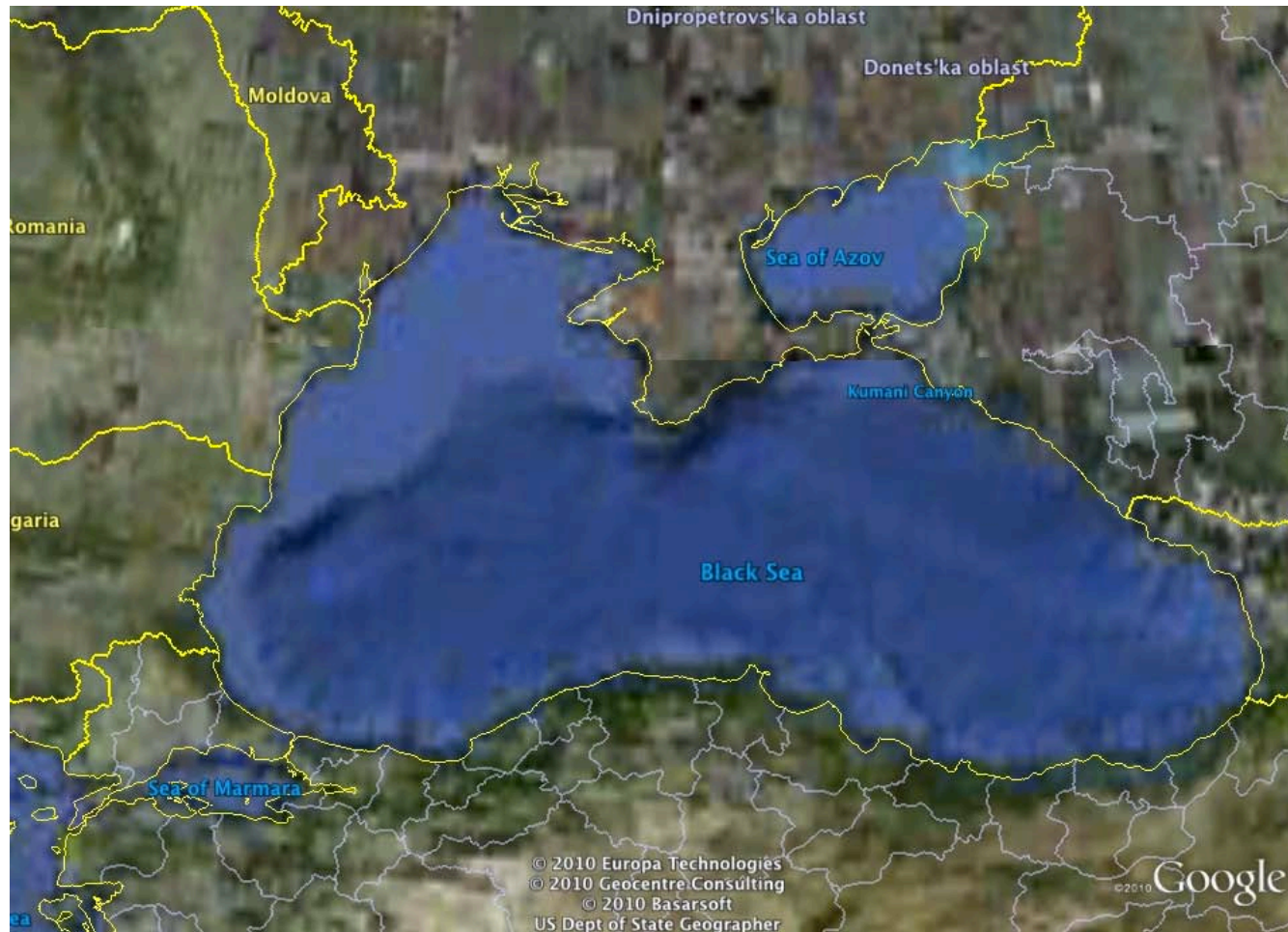
- Spill Response
- Waste Management
- Wild Life
- Atmospheric
- Maritime
- Tourism
- Fishery
- Industry
- Universities
- Laboratories
- NGOs
- Political
- Insurance
- Communication
- Security
- Military
- Internal Affairs
- Geology
- Energy
- Environment
- Defense
- Labor
- Agriculture

Lessons Learned from GoM Spill



- **Unified Command**
- **Systemization**
- **Information – Communication**
- **Political Determination**

Transboundary spill in Black Sea!



International Black Sea Day
31 Oct. 2 Nov. 2010 Trabzon

First Concerns!



- Time to reach to the shore?
- Which shore?
- Preparedness level?
- How to command?
- Who is going to command?
- Who is going to pay?

Answers



- Unified Command
- Regional Information Platform
 - Black Sea Response Plan
- International Cooperation

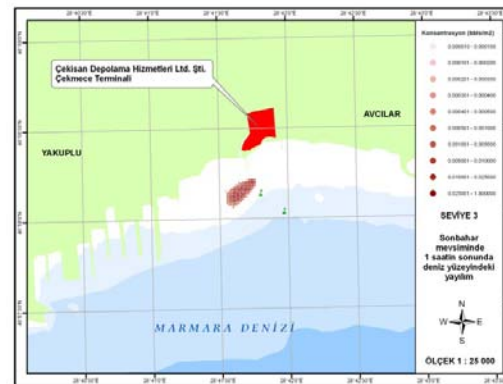
Sustainability of Black Sea



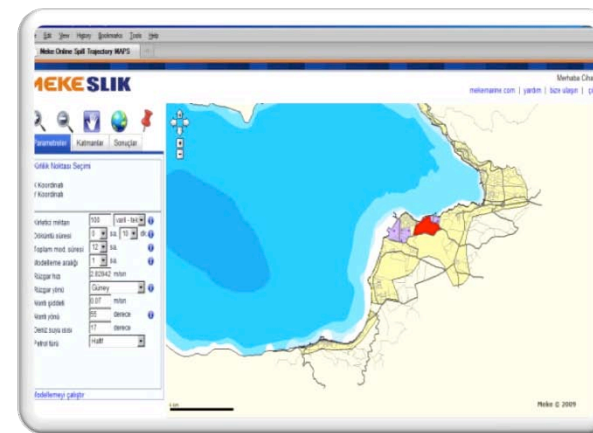
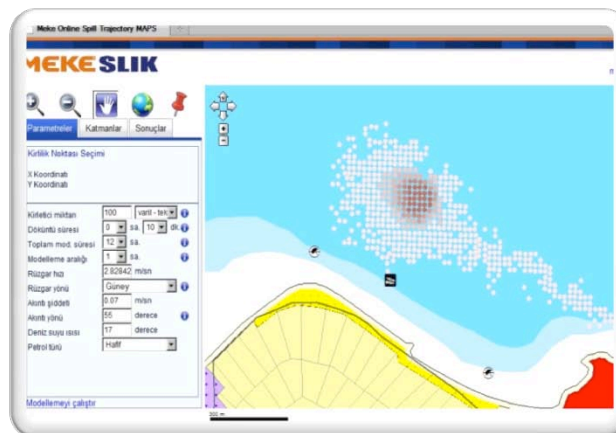
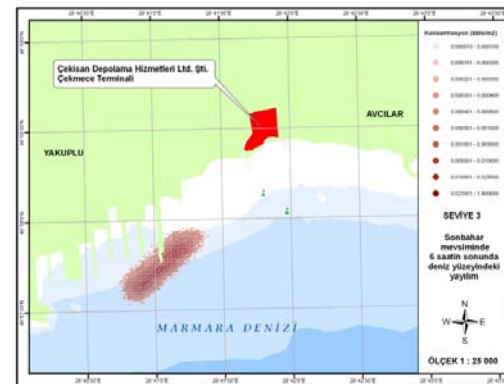
- Planning
- Preparedness
- Response
- Recovery

Planning Spill Modelling

Slick after 1 hour from a spill

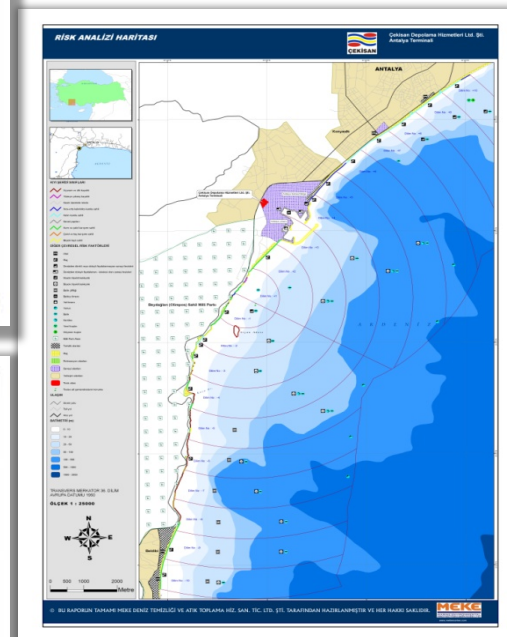
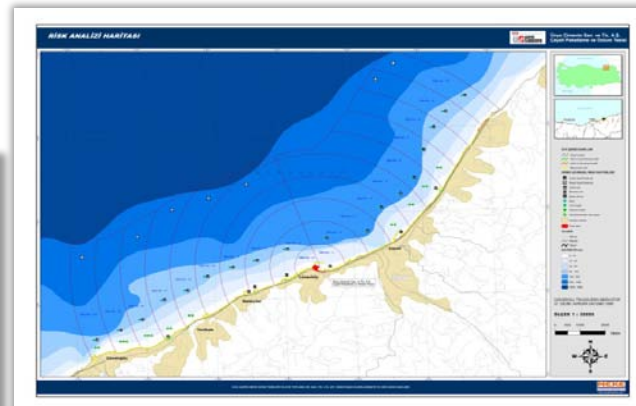
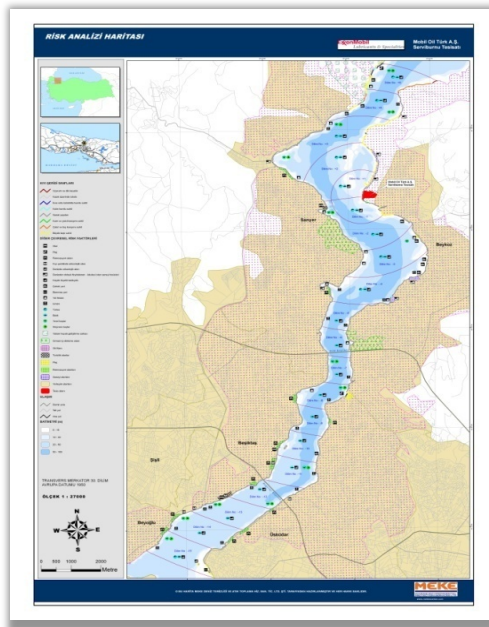


Slick after 6 hour from a spill



Planning

Sensitivity Mapping



Planning

Geographical Response Plan



Planning



- Major Emergency Management Plan
- Oil Spill Response Contingency Plan

Preparedness



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Sustainability of Black Sea



- Black Sea Commission





Biodiversity is life

Thank you for your attention

www.spillcontrol.org