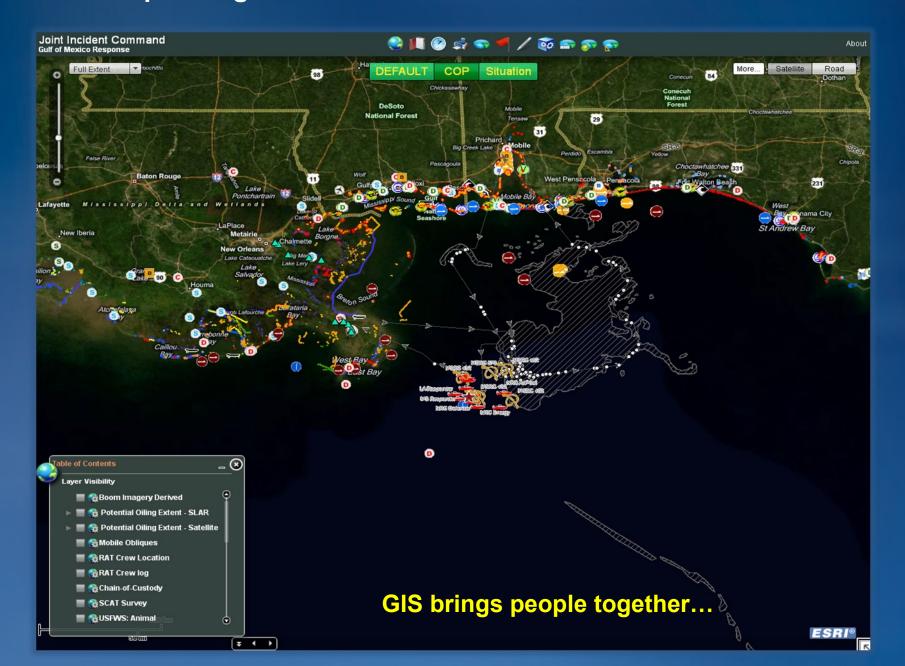
# World Reconstruction Conference « Innovation in Reconstruction » Geneva 2011

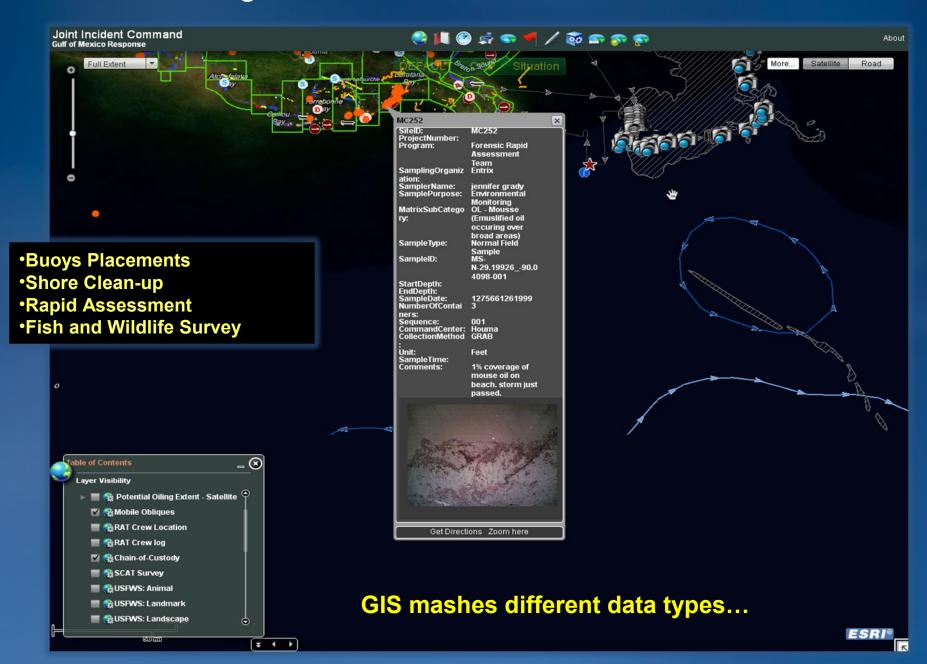
Preparedness for Reconstruction using the gulf of Mexico Oil Spill example

Emanuele Gennai
Global Affairs account Executive
egennai@esri.com

## **Common Operating View – Situational Awareness**



#### **Damage Assessment**



#### **Resource Allocation**



## **Integration of real-time imagery**



# Briefings...

## **Elected Officials**



## **Community Briefings**

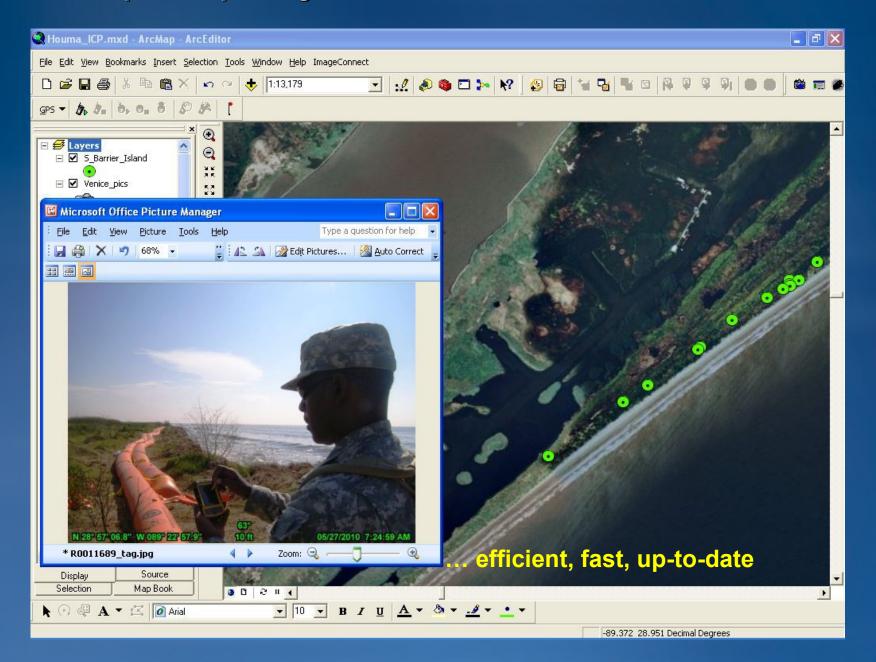


.. everyone can connect to...

# **Tactical Briefings**



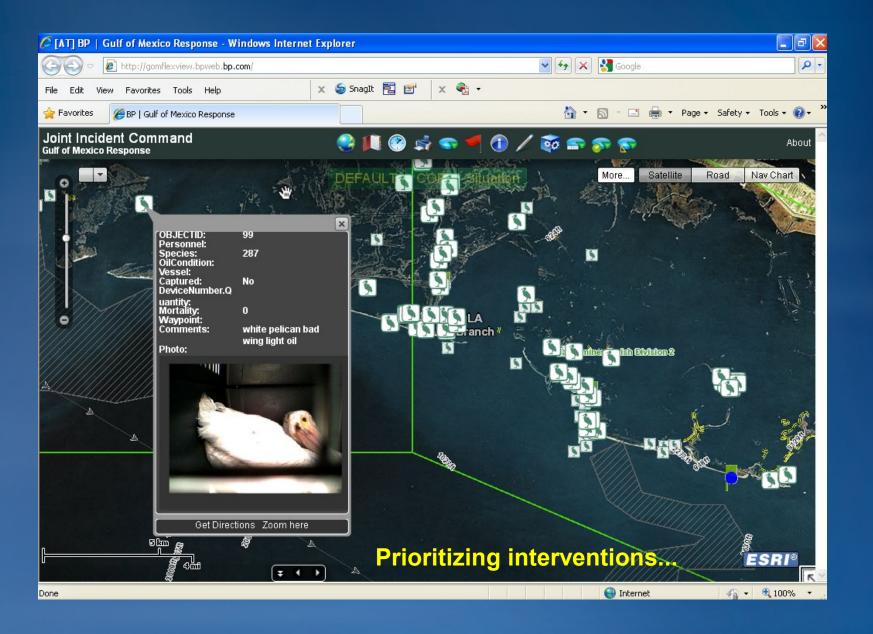
#### Field Impact Reporting



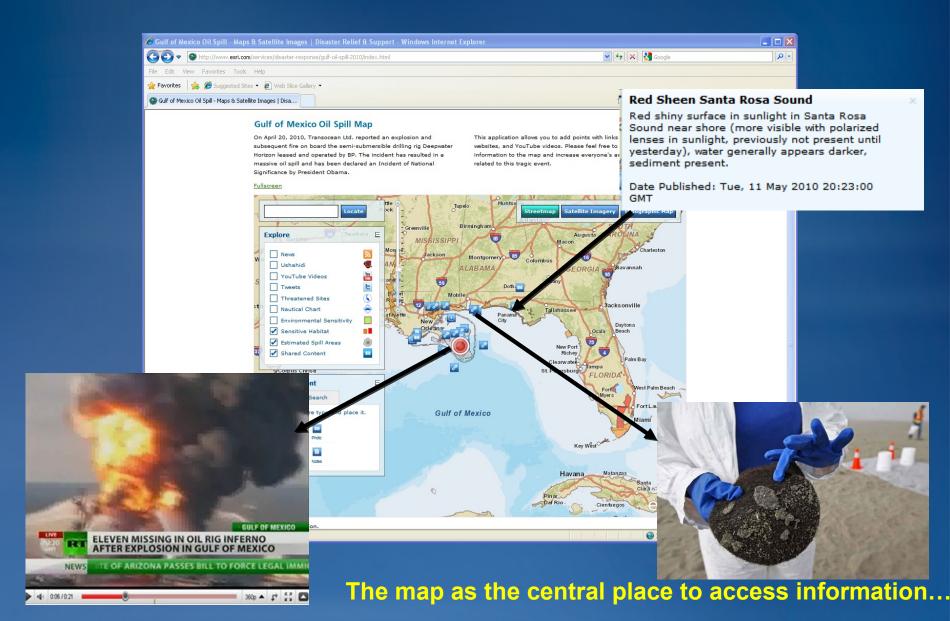
## **Damage Assessment – Clean up Status**



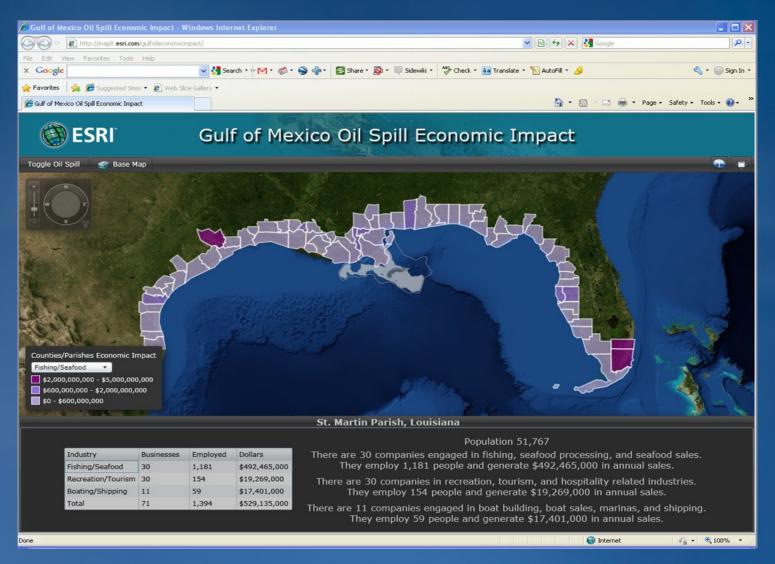
#### **Work Status**



# Bringing different data types in the picture

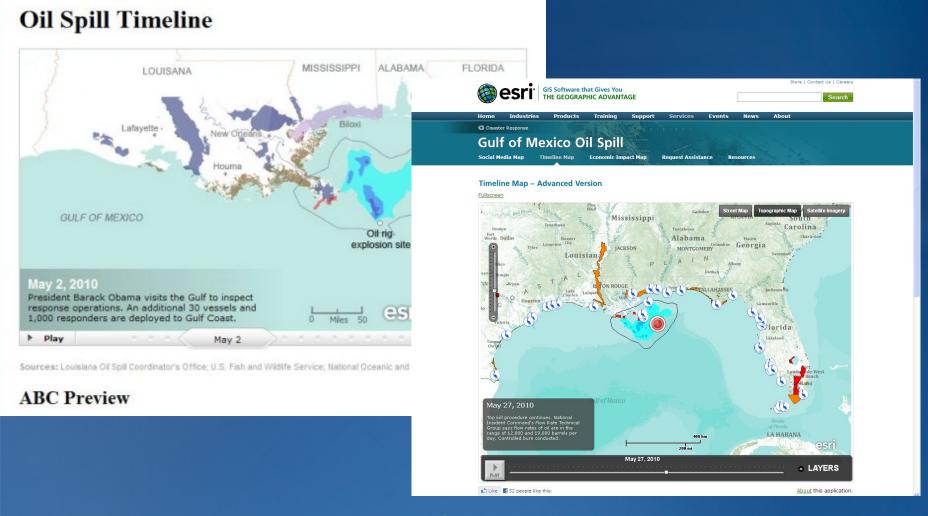


## **Economic Impacts**



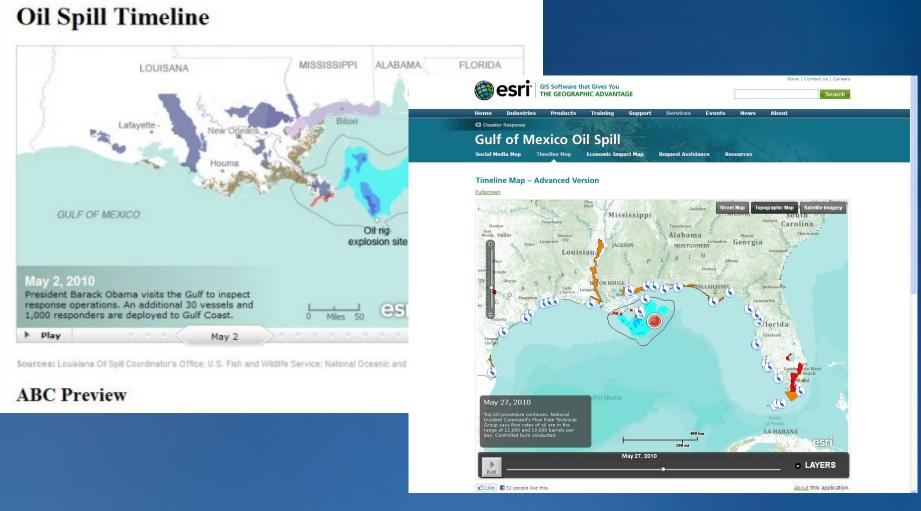
Loans and microcredit for reconstruction..

## Information made available through the media



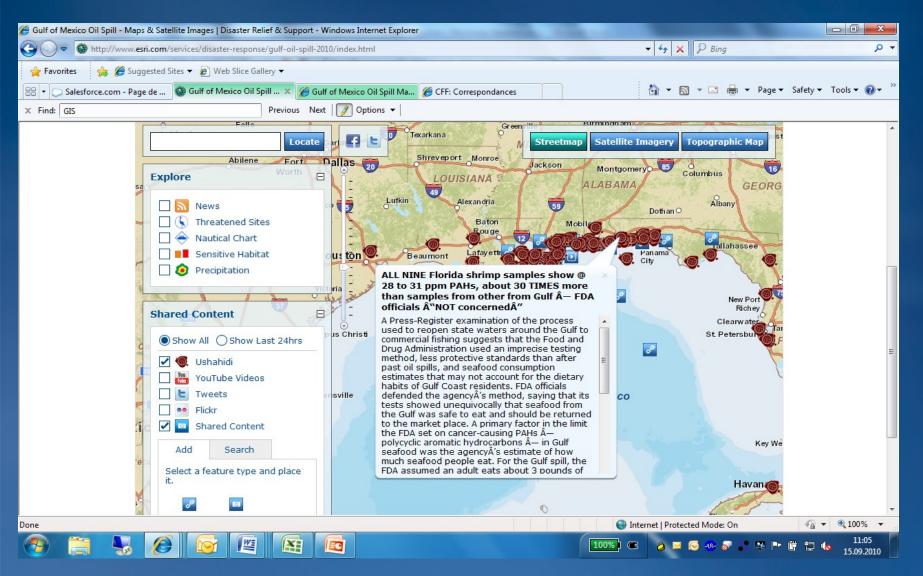
Strengthening citizen involvment

# Information made available to everyone



Localization as a human right...

#### Social media



The citizen as a sensor...

# **Environmental Sensitivity**

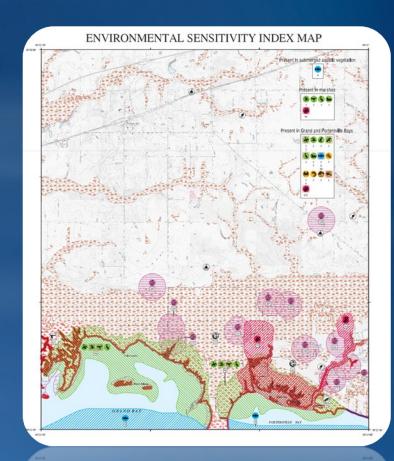
## **Plants**



#### ENVIRONMENTAL SENSITIVITY INDEX MAI



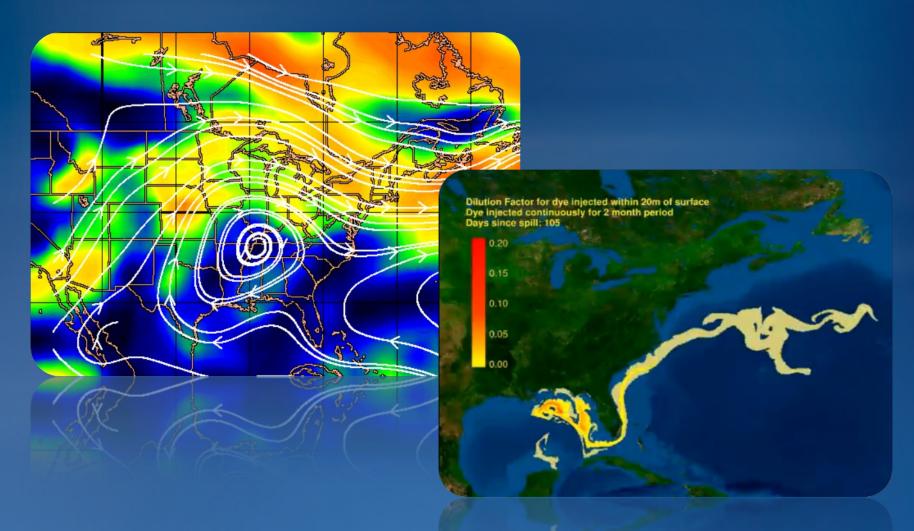
## **Habitat**



Spawning areas

Geographic Analysis for a better understanding...

# Science or technology?



models to predict and better prepare the next...

## **Esri builds foundation resources**





#### **Basemaps**



Esri basemaps are free for internal and external use

## **Summary**

GIS is used to support many aspects of the disaster management including:

- Situational Awareness
- Public Information
- Briefings
- Supporting the emergency management work flow
- Response
- Recovery mitigation
- Reconstruction

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Merci!

Emanuele Gennai
Global Affairs account Executive
egennai@esri.com