The Role of Resilience in Maritime Security

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9/11 New York Harbor Rescue Armada
M/V HYUNDAI FORTUNE
March 21, 2006 Fire in the Gulf of Aden
Container TGHU 307703 0 22G1
w/ Cobalt-60, Genoa, Italy, Jul 13, 2010 – Jul 29, 2011
Port of Long Beach, CA
### Resilience Features

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<th>Threat</th>
<th>Risk Variables</th>
<th>Consequences</th>
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**Risk Perspective**
- “As robustness increases, vulnerability decreases...”.

**Resilience Perspective**
- “Reduced vulnerability, less robustness needed...”

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**Source:** Homeland Security Studies and Analysis Institute, J. Kahan, et.al., Nov 2010
George Washington Bridge, New York/New Jersey