Corruption in an Era of Climate Change:
AN EVER-CLOSING CIRCLE?

JULIET S. SORENSEN, CLINICAL ASSOCIATE PROFESSOR, NORTHWESTERN UNIVERSITY SCHOOL OF LAW
Frédéric Bastiat on unforeseen consequences, 1850:

“In the economic sphere an act, a habit, an institution, a law produces not only one effect, but a series of effects. Of these effects, the first alone is immediate: it appears simultaneously with its cause; it is seen. The other effects emerge only subsequently: they are not seen; we are fortunate if we foresee them.”
Extreme weather is on the rise:

Figure 4
Natural disasters are increasing in frequency and severity

Number of incidents

<table>
<thead>
<tr>
<th>Year</th>
<th>Flood</th>
<th>Storm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1965–1974</td>
<td>446</td>
<td></td>
</tr>
<tr>
<td>1975–1984</td>
<td>819</td>
<td></td>
</tr>
<tr>
<td>1985–1994</td>
<td>1,432</td>
<td></td>
</tr>
<tr>
<td>1995–2004</td>
<td>2,249</td>
<td></td>
</tr>
<tr>
<td>2005–2013</td>
<td>2,342</td>
<td></td>
</tr>
</tbody>
</table>

Sources: International Disaster Database, Center for International Earth Science Information Network, Center for Climate Systems Research; A.T. Kearney analysis
Correlation: Corruption & U.S. State Expenditures on Infrastructure

*Updated to reflect data through 2013: rankings are the same; Illinois now has a total of 1,642 convictions.

Department of Justice, Office of Public Integrity (2014)
Correlation: Corruption and Natural Disasters

Correlation: Corruption and Earthquake Deaths

Actual corruption versus the level of corruption that might be expected from per capita income. Of all earthquake fatalities attributable to building collapse in past three decades, 82.6% occur in societies that are anomalously corrupt (left-hand corner of the plot).

A Vicious Circle, Tightening Over Time

Diagram:
- Unsafe buildings and roads
- Natural disaster strikes
- Need to reconstruct
- Corrupt activity occurs
Legal Tools to Address Corruption in an Era of Climate Change

**U.S.**
- DOJ Disaster Fraud Task Force
- Sentencing guidelines economic crime enhancement
- Existing anti-bribery laws
  - The Foreign Corrupt Practices Act
  - Honest Services Fraud
  - Anti-bribery provisions re: federal, state and local officials, as well as payors

**International**
- OECD Anti-Bribery Convention
- UN Convention Against Corruption
- 2015 Paris Conference on Climate Change 2015
- EU Emergency Response Coordination Centre
Bastiat to the lawmaker:

“But I get him to begin again, entering what is not seen in the ledger beside what is seen.”