



## INTERAGENCY RECOVERY COORDINATION (IRC) CASE STUDY

# Connecticut's Crumbling Concrete

COORDINATING FEDERAL RESOURCES FOR A NON-DECLARED EVENT

### Citations List

Item	Source
Figure 1 (photo)	Provided by Jim McPherson, former FEMA Region 1, Federal Disaster Recovery Coordinator.
Figure 2 (photo)	Provided by Jim McPherson.
Figure 3 (photo)	Provided by Jim McPherson.
Statistic: 34,000 homes affected	Written correspondence from CT Governor to FEMA Administrator, dated 8/4/2017
Statistic: number of homes reported to CDCP	<ul style="list-style-type: none"> <li>Written correspondence from CT Governor to FEMA Administrator, dated 8/4/2017</li> <li>CDCP concrete foundations information page: <a href="https://portal.ct.gov/DCP/Trade-Practices-Division/Deteriorating-Concrete-Foundations">https://portal.ct.gov/DCP/Trade-Practices-Division/Deteriorating-Concrete-Foundations</a></li> </ul>
Statistic: economic impact up to \$1 billion	Email correspondence from Jim McPherson dated 8/11/2017, subject: "NDRF Assistance After Denial"
Statistic: 100k to 250k cost to repair foundations	CT Department of Housing concrete foundations webpage: <a href="https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1">https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1</a>
Statistic: \$60 million in CDBG funds	Email correspondence from Jim McPherson dated 8/11/2017, subject: "NDRF Assistance After Denial"
Statistic: cost of testing and reimbursement	CT Department of Housing concrete foundations webpage: <a href="https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1">https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1</a>
IRS deduction information	<a href="https://www.ct.gov/doh/lib/doh/pyrrhotite_rev_proc-2018-14.pdf">https://www.ct.gov/doh/lib/doh/pyrrhotite_rev_proc-2018-14.pdf</a>
Statistic: state funding information	<ul style="list-style-type: none"> <li>CT Department of Housing concrete foundations webpage: <a href="https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1">https://www.ct.gov/doh/cwp/view.asp?a=4513&amp;Q=599270&amp;PM=1</a></li> <li>Capitol Region Council of Governments legislative library: <a href="http://crocog.org/crumbling-foundations/">http://crocog.org/crumbling-foundations/</a></li> </ul>
Pyrrhotite chemical reaction information	American Geosciences Institute: <a href="https://www.americangeosciences.org/critical-issues/faq/how-do-pyrite-and-pyrrhotite-damage-building-foundations">https://www.americangeosciences.org/critical-issues/faq/how-do-pyrite-and-pyrrhotite-damage-building-foundations</a>
Information on October 2018 workshop	FY 2018 Special Projects Justification Form – NDRF Infrastructure Resilience Workshop
USDA loan information	October 2018 Workshop USDA Presentation
USACE testing information and recommendations	October 2018 USACE report: <a href="https://www.journalinquirer.com/connecticut_and_region/army-corps-of-engineers-">https://www.journalinquirer.com/connecticut_and_region/army-corps-of-engineers-</a>

	<a href="https://www.fema.gov/outlines-plans-for-addressing-crumbling-foundations/article_414935a2-d3fd-11e8-855e-47923a346e4a.html">outlines-plans-for-addressing-crumbling-foundations/article_414935a2-d3fd-11e8-855e-47923a346e4a.html</a>
<b>All information related to federal interagency support (HUD, SBA, EDA, USDA, USACE, VA, FEMA, State of CT)</b>	<ul style="list-style-type: none"> <li>• Email correspondence from Jim McPherson dated 1/17/2017, subject: “Executive Summary: Brief to Governor/LT Governor State of Connecticut 13 Jan 2017”</li> <li>• Email correspondence from Jim McPherson dated 8/11/2017, subject: “NDRF Assistance After Denial”</li> </ul>
<b>Declaration and federal liaison decision</b>	<p>Written correspondence from CT Governor to FEMA Administrator, dated 8/4/2017</p>