**NATURAL DISASTERS, CLIMATE
CHANGE, AND TOURISM:**

IR3R2, 5/2014

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THE PROBLEM

TOURISM TRIFECTA

Sydnor, 2009

DISASTERS' EFFECTS ON TOURISM

Climate change is expected to affect the “frequency, intensity, spatial extent, duration, and timing of extreme weather and climate events, and [could] result in unprecedented extreme weather and climate events”

— IPCC 2012

WHY IT MATTERS

- ✧ Weather as destination assets
- ✧ Weather impacts destination image
- ✧ Tourism destinations' predisposition to hazard-prone locations

Cook, Yale, and Marqua, 2010; Thapa, 2012; Coghlan and Prideaux, 2009

GREAT LAKE EFFECTS

EXTREME WEATHER

TRENDS IN EXTREME WEATHER

TOURISM & HOSPITALITY

FACTORS OF RESILIENCE

EMPIRICAL RESULTS FROM HOSPITALITY STUDIES

- ✧ Disaster itself (frequency, damage)
- ✧ Physical capital (built infrastructure)
- ✧ Human capital (age, education)
- ✧ Social capital (religious associations, networks)
- ✧ Community Resilience

Cioccio & Michael (2007)

Sydnor (2009)

Sydnor, Stafford, Tews, & Alder (2011)