



Catastrophic Outcome Stemming from Initial Human Error, Consistent with the Butterfly Effect in Human Behavior

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HIGHLIGHTS

- Initial human errors can lead to delayed catastrophic outcomes, consistent with the butterfly effect in chaos theory.
- Lorenz's theory may apply to human health, relationships and international conflicts.
- LBJ's misrepresentations triggered the My Lai massacre.

This paper presents evidence that initial human errors can lead to delayed catastrophic outcomes, consistent with the butterfly effect in chaos theory, suggesting that Lorenz's theory may also apply to human health, relationships and international conflicts.

Edward Lorenz an American meteorologist discovered the underlying mechanism of deterministic chaos and complexity (1).

The following examples are consistent with Lorenz theory.

1. FDR and Churchill misrepresentations and the loss of 72 million people in the 2nd WW.
2. LBJ's misrepresentations and the My Lai massacre.
3. Untreated genital syphilis causes delayed dementia.
4. Failures to build earthquake resistant buildings and the 2026 Venezuela disaster.

FDR AND CHURCHILL MISREPRESENTATIONS AND HIROSHIMA AND NAGASAKI

New evidence from independent scholars suggests that President Roosevelt had prior knowledge of the Japanese attack on Pearl Harbor but did not inform Pacific commanders or the American public (2,3,4,5).

It also argues that Roosevelt and Churchill were misleading in portraying Hitler as uniquely responsible for bombing civilians while claiming the Allies committed no crimes against humanity. Importantly, historians largely agree the war could have remained a European conflict among Britain, Germany, and the Soviet Union, avoiding the catastrophe of World War II..(2,3,4,5).

LBJ'S MISREPRESENTATIONS AND MY LAI MASSACRE

New evidence from independent scholars suggests that LBJ was less than honest about his role in the 1963 coup D'etat and the assassination of John F Kennedy leading to the unnecessary Vietnam War and My Lai massacre in Vietnam in 1968 (6,7,8,9,10).

SYPHILIS AND DEMENTIA

Syphilis a sexually transmitted infection caused by the bacterium *Treponema pallidum* initially presents with a single, painless ulceration on genitals that can be eradicated by treatment (11). Untreated syphilis causes dementia years later (11).

EARTHQUAKE DAMAGE PREVENTION AND JUNE 2026 EARTHQUAKE IN VENEZUELA

The Earth's crust is fragmented into massive tectonic plates that are in constant, slow motion, driven by heat deep within the planet.

These movements are the source of nearly all large, destructive earthquakes. Preventing a natural earthquake is not feasible.

Modern earthquake engineering enables structures with the ability to deform without collapsing to withstand the lateral forces exerted during shaking.

These solutions are governed by strict building codes that mandate specific levels of seismic resistance based on regional hazard maps.

Beyond engineering, land use policy plays a significant role in reducing risk by restricting construction in the most dangerous areas.

On 24 June 2026, two large strike-slip earthquakes affected northwestern and central Venezuela (12). The epicenters of both earthquakes were in San Felipe, Yaracuy.

Initial estimates from the US Geological Survey suggested tens of thousands of people died in the back-to-back 7.2 and 7.5 magnitude earthquakes(12).

Evidence suggests that most collapsed structures in Venezuela were not earthquake-resistant, unlike those in Japan, where effective measures reduce earthquake damage (table A).

Table A: Earthquakes in Japan

Date	Richter	Deaths
11/22/2014	6.7	0
05/30/2015	7.8	0
04/14/2016	6.2	9
04/16/2016.	7	273
11/22/2016	6.9	0
06/18/2018	5.5	4

Source: Wikipedia

DISCUSSION

Well proven diverse observations of catastrophic outcome from initial human failures seem to be consistent with the Lorenz theory of butterfly effect. In essence, physical laws- including Lorenz theory- that govern universe also mediate human health, behavior and international relations.

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