INFORMATION ANARCHY

A SURVIVAL GUIDE FOR THE MISINFORMATION AGE
TOTALLY NOT AN ANARCHIST

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What is Information Anarchy?

The increasing volume of information available and the increasing lack of any control over or provenance for it...this condition complicates commanders’ abilities to identify and use the best information. (JDP 2-00)
How did we get here?
Information Monarchy
Information is created by and available to those in power.

Information Revolution
Learning increases, more people want access to information.

Information Democracy
There are multiple ways to get news, with competition comes the push for ratings.

Social Media
You can say anything you want and pass it as a fact. Seriously, anything. Try it.

Information Anarchy
So much information exist, legitimate, illegitimate, and incorrect, that it is difficult to know what is real.
Mistakes happen, even when research is thorough.

New information can be introduced.

Mistakes *should* be corrected when identified.
**HYPOTHESIS AS FACTS**

- An idea may be valid but needs to be tested
- Rushing to get information out skips testing and validation
- Theories can be misrepresented as facts
Fear, Uncertainty, and Doubt improves ratings

Companies looking to increase business and brand

Support political, economical, religious stances
INTENTIONAL DISINFORMATION

• Conveying false information to an adversary

• Involves active measures – fabrication of documents, planting or leaking false information, etc.
How can we identify misinformation?
SOURCING

Where did the information come from?
Can you access the source material?
Was a structured analytic method used?
LINGUISTIC METHODS

Words indicating Sourcing (according to, as per, as the report states)

Words of Uncertainty (possibly, could, might)

Explanatory Phrases (because, in fact, therefore)

Retratators (however, although, on the other hand)
Reporting Bias Matrix for Selected Corpus

(Darker colors mean larger bias when compared to other articles in the corpus)
LINGUISTIC ANALYSIS

Words indicating Sourcing
(according to, as per, as the report states)

Words of Uncertainty
(possibly, could, might)

Hypothesis as a Fact
LINGUISTIC ANALYSIS

Words indicating Sourcing
(according to, as per, as the report states)

Pushing an Agenda

Words of Uncertainty
(possibly, could, might)

Explanatory Phrases
(because, in fact, therefore)
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(however, although, on the other hand)

Pushing an Agenda
LINGUISTIC ANALYSIS

HIGH

Words of Uncertainty
(possibly, could, might)

Retratactors
(however, although, on the other hand)

LOW

Words indicating Sourcing
(according to, as per, as the report states)

Explanatory Phrases
(because, in fact, therefore)

Disinformation
Integrative Complexity

A scoring system for measuring the complexity of human thought on a scale from 1 (very simply) to 7 (very complex). It looks at structure instead of content.
Integrative Complexity

The capacity to identify that there is more than one way to look at an issue (differentiation)

The ability to form conceptual links among these perspectives and to integrate them into a coherent overall judgment (integration)
Complexity Analysis

- Be wary of words like “always” and “never”
- Look for synthesis of multiple data sources or analytic methods
- Look for counterpoints or arguments to be preemptively addressed
- Look for complexity across the entire text, not just in the author’s area of expertise
Surviving in the misinformation age:

• Sourcing
• Content
• Structure
THE BAR

RAISE HELL
Want to learn more?

- https://github.com/PDXBek/Misinformation

- A Dictionary of Linguistics and Phonetics, 6th ed – Dave Crystal
- Thematic Proximity in Content Analysis - Andreas Armborst
- Motivation and Personality: Handbook of Thematic Content Analysis – Smith, Atkinson, McClelland
- Automated Integrative Complexity, Lucian Gideon Conway III