

Grey-zone strategies in urban environments

Non-conventional means and narrative fighting

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Non-conventional conflict

1. Efficiency
2. Anonymity
3. Asymmetric
4. Stealthy
5. Un-challenged



Grey-zone

It's not warfare (black-zone)

jus ad bellum & jus in bello

It's not peace (White-zone)

Bona fide

It's targeting military objectives through non-military means

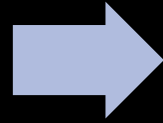
Sun Tzu's "winning without fighting"

Pre-conflict

Pos-conflict

Uses of grey-zone strategies

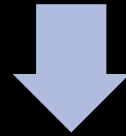
Pre-Conflict



- Undermines social cohesion
- Economic harm
- *Can achieve military objectives before the use of force

During conflict

- Hybrid warfare
- Pro-war narratives



Post-Conflict

- Denies the return of old status quo
- Strengthens the new reality



City's particular vulnerabilities

- High population density
- High knowledge concentration
- Global cities
 - Interdependency
 - Inequality
- Technology dependency
 - Wise city/Smart city/Data city
 - IoT + Big data





IoT and big data

- New possibilities and vulnerabilities
 - No precedent
 - Reach & Peak
- Hackable
 - Denial of service
 - Sub-optimal configurations
 - New forms of hacking (LLMs)
 - Data retrieval

What's data's purpose

- Freedom
 - Government
 - Business
- Who builds the city?



Why cyber defence?

- 56% of cyberattacks due to negligent workers
- 1% of global GDP losses
- ROI 1.400%
- 95% Impunity



Narrative's relevance

1. Cambridge Analytica
2. Social networks
3. Hidden "know how"

Narrative's deterrence

1. Social anomie
2. Fighting inequality
3. Social peace



Future Challenges

- Public and private partnership
- Military engagement in civil society
 - Checks and balances
- The fight within enemy's mind
- Citizenship
 - No 3.0 citizenship
- Post-truth
 - Fake news



Thanks for your attention

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