New Concepts on Nuclear Proliferation

Anthony Eames
Nuclear Latency
Proliferation Scholarship

- Three-tiered models
  - Epstein:
    - Military security
    - Political prestige
    - Economy
  - Sagan:
    - Security
    - Domestic politics
    - Norms

- Additional Concepts
  - Orientalism
  - Modernity
  - Opacity
  - Horizontal/Vertical proliferation

Steve Breen, The San Diego Union-Tribune
Five Motives for Proliferation

- Strategic Balance
- Alliance Politics
- Intellectual Capital
- Consolidation
- Domestic Techno-Politics
- International Prestige
United States – Soviet Union – United Kingdom

Israel – Iraq – Iran – Syria

China – India – Pakistan

North Korea – South Korea
Alliance Politics

- United States – United Kingdom: Remaking the world order
- Soviet Union – China: “Period of Soviet learning”
- France – Israel: African wars of decolonization
- Brazil – Argentina: Bilateral resolution of security dynamic
Intellectual Capital

- China: Science under state control
- India: Post-Colonial state-building
- South Africa: The scientist surplus
- Iran: Restoration of scientific base
Domestic Techno-Politics

- France: Remaking state science
- India: Confidence in the regime
- North Korea: Dynastic power and resource management
- Iran: Renewal of revolution
International Prestige

Great Power Standard – Recovery of Power
- Soviet Union (Cold War origins)
- United Kingdom (sterling collapse, decolonization)
- France (defeat and decolonization)

Ideological Competition
- China (communism)
- Pakistan (political Islam)
- India (non-aligned/anti-orientalism)
- Iran (anti-imperialism)
Conclusion: Prescriptions for Policy

- Invest in high technology and advanced energy projects
- Create guidelines for bilateral control regimes
- Pursue greater equality in international nuclear organizations