

Lessons Learnt From the Peace Operations Forum (The Cornwallis Group)-1996-2008

ISMOR
2008

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Introduction to Cornwallis

- The Cornwallis Group was established in 1996 as a forum for the exchange of analytic techniques and processes, not limited to models, dealing with or related to improving the conditions for international peace and stability. The primary activity of the Cornwallis Group has been the conduct of workshops with the subsequent publication of each workshop's proceedings - 12 Volumes published with 2008 in preparation.



Abstract

- George Rose will review the more focussed Papers in terms of the methods, tools, techniques and analysis presented to come to some conclusions as to the status of PSO analysis seen through the Cornwallis lens.
- Gene Visco will give a perspective as to what we have learned from the unique set of Keynote speakers.



General Statistics

- 12 (1 in publication) volumes of Proceedings
- 306 Papers, 5302 Pages
- 272 attendees
- 17 nations represented
 - Mainly US, UK, CA, SW, GE
- 35% Government, 25% Contractors, 20% Academics, 5% IO/NGO



Topics at Cornwallis

- **Cornwallis I: Analytic Approaches to the Study of Future Conflict**
- **Cornwallis II: Analysis for and of the Resolution of Conflict**
- **Cornwallis III: Analysis for Peace Operations**
- **Cornwallis IV: Analysis of Civil-Military Interactions**
- **Cornwallis V: Analysis for Crisis Response and Societal Reconstruction**
- **Cornwallis VI: Analysis for Assessment, Evaluation and Crisis Management**
- **Cornwallis VII: Analysis For Compliance and Peace Building**
- **Cornwallis VIII: Analysis for Governance and Stability**
- **Cornwallis IX: Analysis for Stabilization and Counter-Terrorist Operations**
- **Cornwallis X: Analysis for New and Emerging Societal Conflicts**
- **Cornwallis XI: Analysis for Civil-Military Transitions**
- **Cornwallis XII: Analysis for Multi-Agency Support**
- **Cornwallis XIII: Analysis in Support of Policy**



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- Cornwallis III: **Analysis** for **Peace Operations**
- Cornwallis IV: **Analysis** of **Civil-Military Interactions**
- Cornwallis V: **Analysis** for **Crisis Response and Societal Reconstruction**
- Cornwallis VI: **Analysis** for **Assessment, Evaluation and Crisis Management**
- Cornwallis VII: **Analysis** For **Compliance and Peace Building**
- Cornwallis VIII: **Analysis** for **Governance and Stability**
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Methodology

- Reviewed 12 published Proceedings + notes on C13
- Taxonomy used
 - Models
 - Analysis Techniques
 - Personal Perspectives from Subject Matter Experts
 - Hypotheses



Problems tackled by analysis in 'PSO'

- Planning and implementation of military interventions
- PSO Exercises for Training – military and civilian 'actors'
- Force Development and Force Structures
- Military tasks
- Measures of 'success'
- Interactions between 'players'
- Doctrine Development



Models

- Simulations - STRATMAS,DEXES, SEAS, NATION LAB
- Open Source Simulation – internet based
- DIAMOND
- System Dynamics- Causal diagrams
- Games – PSOM, POL-Mil Strategic,
- Bayesian Belief Networks
- Agent Based Models (Various)
- SENTURION -Conflict Resolution
- HILOCA
- Conceptual Model of Peace Operations (CMPO)
- Economics Models
- GAMMA
- SABRINA
- AWARS
- Distributed Simulations + Computer Generated Forces
- SASO (deployment Model)
- SIAM (Net modelling/linkages)
- TEMPO (Concept of Operations modelling)
- PSOM



Analysis Techniques

- Historical Analysis
- Simple statistics
- Traffic lights (Use and Misuse)
- Mind Mapping
- SWOT
- Decision Trees
- Catastrophe theory
- Goal Trees
- MOMENT (Media Analysis)
- CAST (Failed State Index)
- Principle Component Analysis (PCA)
- Value Focussed Thinking
- Graph Modelling for Conflict Resolution (Business Tool Strategic Decision Support System) (GMCR)
- EUREKA- BAE Framework for analysis of military problems
- Task Disaggregation processes (various)
- POLITY – measures democracy
- Q ANALYSIS – analysis of opinion polls
- SAATY
- Morphological Analysis
- Information Theory- Entropy Modelling/Bayesian
- Complexity Theory
- Intelligent Automata



Personal Accounts (1)

- Experiences of operations/crises
 - Keynote speakers (see Visco)
 - Diplomats/IO/NGO/Contractors perspectives in various parts of the world
 - Bosnia, Iraq, Afghanistan, Angola, Rwanda, Zaire, Sudan, Darfur, Montenegro, Haiti, Golan Heights
 - National approaches to the new environment
 - US, UK, GE, SW, NO, PH, AZ,



Personal Accounts (2)

- Analysis examples in support of operations
 - Bosnia (Richardson, Lambert, Rose)
 - Kosovo (Neighbour)
 - Afghanistan (Evans, Huxtable, Neighbour, Picken, Ramjeet)
 - Iraq (Davis, Hopkin, Feil)
 - Philippines (Legaspi and Noble)
- Military experiences of recent operations
 - Kosovo, Iraq, Afghanistan



Hypotheses Presented

- Driving factors in domains
 - What influences insurgencies
 - Can military and civilian organisations work together?
 - Role of gender, religion, culture
 - Are our organisations sufficiently for these ‘new’ operations?
 - Developing military doctrine- a help or a hindrance?
 - Need for ‘Comprehensive Planning’



Big points

- Wide spectrum of topics tackled By Cornwallis
- Many examples of papers on the issues that make up complex operations
- Breadth of models that have been presented
- Lots of softer techniques have been tried
- Some examples of analysis from recent operations
- Frameworks for understanding PSO issues
- Unique compendium of PSO knowledge and experiences



Smaller Points

- Lack of IO/NGO remains a concern
- Not many people know about Cornwallis
- We have a difficulty in assessing what influence Cornwallis has had on the PSO analysis domain



Conclusions/Trends

- Substantial body of PSO literature
- Range of papers on the factors driving PSOs
- Almost half the papers are in the Models and Tools and Techniques, Analysis and Case Studies domains
- The Human dimension is of paramount importance
- A lot of OA horsepower has been tried- with only some success
- The number of organisational players is a major negative to success
- Cultural understanding by Western 'players' is often lacking
- There are too many plans!! But they are not coordinated
- We are still in the early days of understanding PSOs



Questions

