



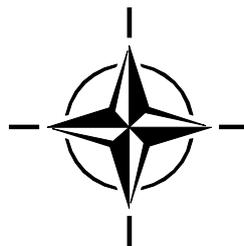
**RTO MEETING PROCEEDINGS**

**MP-HFM-172**

# **Social Sciences Support to Military Personnel Engaged in Counter-Insurgency and Counter-Terrorism Operations**

(Soutien en sciences sociales apporté au personnel militaire  
engagé dans des opérations de contre-insurrection  
et de contre-terrorisme)

Final Report of the NATO-Russia Human Factors  
and Medicine Research Task Group 172.



Published November 2011





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Final Report of the NATO-Russia Human Factors  
and Medicine Research Task Group 172.

Prepared for:

Anne Speckhard, Ph.D., Valery Krasnov, M.D. and  
Sergey Aleksanin, M.D., Ph.D.

NATO Research and Technology Agency by Laurie Fenstermacher, M.S.  
Special Rapporteur for the Meeting

Edited by Laurie Fenstermacher, M.S. and Anne Speckhard, Ph.D.

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report and Sean London, B.A. for assistance in the final proofing.

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# The Research and Technology Organisation (RTO) of NATO

RTO is the single focus in NATO for Defence Research and Technology activities. Its mission is to conduct and promote co-operative research and information exchange. The objective is to support the development and effective use of national defence research and technology and to meet the military needs of the Alliance, to maintain a technological lead, and to provide advice to NATO and national decision makers. The RTO performs its mission with the support of an extensive network of national experts. It also ensures effective co-ordination with other NATO bodies involved in R&T activities.

RTO reports both to the Military Committee of NATO and to the Conference of National Armament Directors. It comprises a Research and Technology Board (RTB) as the highest level of national representation and the Research and Technology Agency (RTA), a dedicated staff with its headquarters in Neuilly, near Paris, France. In order to facilitate contacts with the military users and other NATO activities, a small part of the RTA staff is located in NATO Headquarters in Brussels. The Brussels staff also co-ordinates RTO's co-operation with nations in Middle and Eastern Europe, to which RTO attaches particular importance especially as working together in the field of research is one of the more promising areas of co-operation.

The total spectrum of R&T activities is covered by the following 7 bodies:

- AVT Applied Vehicle Technology Panel
- HFM Human Factors and Medicine Panel
- IST Information Systems Technology Panel
- NMSG NATO Modelling and Simulation Group
- SAS System Analysis and Studies Panel
- SCI Systems Concepts and Integration Panel
- SET Sensors and Electronics Technology Panel

These bodies are made up of national representatives as well as generally recognised 'world class' scientists. They also provide a communication link to military users and other NATO bodies. RTO's scientific and technological work is carried out by Technical Teams, created for specific activities and with a specific duration. Such Technical Teams can organise workshops, symposia, field trials, lecture series and training courses. An important function of these Technical Teams is to ensure the continuity of the expert networks.

RTO builds upon earlier co-operation in defence research and technology as set-up under the Advisory Group for Aerospace Research and Development (AGARD) and the Defence Research Group (DRG). AGARD and the DRG share common roots in that they were both established at the initiative of Dr Theodore von Kármán, a leading aerospace scientist, who early on recognised the importance of scientific support for the Allied Armed Forces. RTO is capitalising on these common roots in order to provide the Alliance and the NATO nations with a strong scientific and technological basis that will guarantee a solid base for the future.

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## Glossary of Terms

ANAM	Automated Neuropsychological Assessment Models
AQ	Al Qaeda
ARW	Advanced Research Workshop
BM	Battlemind
CBR	Chemical, Biological and Radiological
COIN	Counter Insurgency
COMEDS	Committee of the Chiefs of Military Medical Sciences in NATO
CT	Counter Terrorism
DoD	Department of Defense
EMERCOM	All-Russian Center of Emergency and Radiation Medicine
GHQ	General Health Questionnaire
GMC	General Medical Council
HFM	Human Factors and Medicine Panel
IRA	Irish Republican Army
JI	Jemaah Islamiya
KPI	Key Performance Indicators Analysis and Visualization Software
MOU	Memorandum Of Understanding
M&S	Modeling and Simulation
MS	Mississippi Scale (measures PTSD)
NATO	North Atlantic Treaty Organisation
NGO	Non-Governmental Organization
NWC	Naval War College
PCL	Psychopathy Checklist
PHQ	Patient Health Questionnaire
PTSD	Post Traumatic Stress Disorder
QRT	Quick Reaction Teams
QTT	Quality Total Index
R&D	Research and Development
RTA	Research and Technology Agency
RTG	Research and Technology Group
SACS	Scale for Assessing Coping Skills
SPSC	Science for Peace and Security Committee
TRADOC	US Army Training and Doctrine Command
WHO	World Health Organization

---

## Workshop Participants

Aleksanin, Sergey	EMERCOM Russia, St Petersburg (RUS)
Danielsen, Tone	Norwegian Defence Research Establishment (FFI) (NOR)
Fedortseva, Regina	EMERCOM Russia, St Petersburg (RUS)
Fenstermacher, Laurie	Air Force Research Lab (USA)
Jongman, Albert	Netherlands Ministry of Defence (NLD)
Krasnov, Valery	Institute of Psychiatry, Moscow (RUS)
McGurk, Dennis	US Army Research Unit in Europe (USA)
Mutatoff, Radostin	NATO, German Liaison (DEU)
Rybnikov, Victor	EMERCOM Russia, St Petersburg (RUS)
Shamrey, Vladislav	St Petersburg Military Medical Academy (RUS)
Speckhard, Anne	Georgetown University Medical School (USA)
Tarabrina, Nadezhda	Russian Academy of Sciences (RUS)
Varus, Vasily	Research Institute of Military Medicine of Ukraine Armed Forces (UKR)
Verleye, Gino	University of Ghent (BEL)
Wientjes, Cornelius	NATO Research and Technology Organisation

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Battlemind training	Disengagement												
Counter-insurgency	PTSD												
Counter-terrorism	Resilience												
Cultural awareness	Terrorism												
Deradicalization													
<b>14. Abstract</b> <p>“Social Sciences Support to Military Personnel Engaged in Counter-Insurgency and Counter-Terrorism Operations” is a report based on the NATO-Russia Human Factors and Medicine Research Task Group (172) Workshop held in St Petersburg, Russia, June 18-20, 2009. The group consisted of NATO member representatives meeting with their Russian and Ukrainian counterparts and was an extension of previous NATO-Russia activities held in Belgium at NATO headquarters, an Advanced Research Workshop held in Portugal, and the NATO-Russia Advisory Group, all occurring since the historic agreement (following 9-11) between NATO and Russia to collaborate on counter-terrorism issues. This report includes findings and models on civilian, diplomatic and military resilience in those exposed to terrorism and counter-insurgency operations. Discussions focus on adequate preparation for combat, prevention of suicide, psychological mal-adaptations and post-traumatic stress disorder in combat veterans focusing on pre-deployment, during and post-deployment as well as the need for cultural awareness programs. Deradicalization and disengagement strategies for imprisoned terrorists are also discussed. Participants share lessons learned by Russia in Chechnya and Afghanistan and by NATO Nations in Iraq and Afghanistan. Support for the continued and future work between NATO and Russia from the NATO Research and Technology Organisation is also discussed.</p>													





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