

NATO - Advanced Research Workshop, Aghveran, Armenia, 1-5 June, 2015

Meeting Security Challenges Through Data Analytics and Decision Support

<http://www.canadiannatomeetings.com/arwarmenia2015/>



Zorakarer (Karahunj) - an Armenian Stonehenge¹



Canyon in Jermuk²



Jermuk Waterfall³

¹ ref: <http://www.panoramio.com/photo/13420148>

² ref: <http://www.panoramio.com/photo/13420106>

³ ref: <http://www.panoramio.com/photo/13419292>

Advanced Research Workshop (ARW) on the topic of *“Meeting Security Challenges Through Data Analytics and Decision Support”* will bring together subject matter experts (SME) of international standing for advanced-level and intensive discussions from NATO and Partner countries to address the challenges of Counter-Terrorism, Cyber Defence, Border and Port Security.

Objectives

This NATO ARW will serve two main purposes: (1) to ascertain problems and explore technological solutions using data analytics and decision support to meet emerging security challenges in three of the NATO priority areas of common interest with Partners countries, namely:

1. Counter-Terrorism,
2. Cyber Defence, and
3. Border and Port Security

(2) to facilitate contact between the specialists in advanced research centres of NATO and Partner countries, specifically Armenia and other former Soviet republics.

Topics

Speakers cognisant in the following topics specific to the Cyber Defence, Counter-Terrorism, and Border and Port Security domains have been invited:

- Understanding of the domains and security challenges of the domains
- Data analytics and decision support technology trends and solutions to address security challenges of the domains, including:
 - Cyber Physical Social Systems (CPSS) - elements, interactions, issues
 - Computer and mathematical sciences enabling or supporting decision making
 - Security for emerging technologies
 - Intrusion prevention, detection, and response systems

- Fundamental services on network and distributed systems
- Data analytics involving heterogeneous and uncertain information
- Human Systems Integration
- Information Fusion throughout all phases of the decision loop, namely Observe, Orient, Decide and Act (OODA)

The speakers will present their material in sessions and will also participate in break-out working group discussions organized for each of the priority areas

ARW Details

This ARW will last 4 working days, 1-5 June, 2015 in Aghveran, a mountain resort 40 km North of Yerevan, the capital of Armenia, at the Best Western Aghveran Hotel

<http://book.bestwestern.com/bestwestern/AM/Aghveran-hotels/BEST-WESTERN-Aghveran-Hotel/Hotel-Overview.do?propertyCode=7770>

Currently, for the purposes of a NATO ARW, participants can come from:

NATO countries: Belgium, Bulgaria, Canada, Czech Republic, Denmark, Estonia, France, Germany, Greece, Hungary, Iceland, Italy, Latvia, Lithuania, Luxembourg, the Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Turkey, UK, USA

Partner countries: Albania, Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyz Republic, Moldova, Russian Federation, Tajikistan, the former Yugoslav Republic of Macedonia (Turkey recognizes the Republic of Macedonia with its constitutional name), Turkmenistan, Ukraine, Uzbekistan

Mediterranean Dialogue countries: Algeria, Egypt, Israel, Jordan, Mauritania, Morocco, Tunisia
Updated information about this ARW can be obtained by accessing the website at

<http://www.canadiannatomeetings.com/asiarmenia2015/index.htm>

This Website provides the latest information on:

Organizing committee, Programme, Important dates, Location, Registration, Transportation