

## **Activity Report; HDIAC Webinar: Energy Security.**

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DTIC/IAC FA USSOCOM, Joseph L. Haack

### **Overview:**

This webinar describes the sophisticated global setting where energy security, national security, and geopolitics intersect. People everywhere want abundant, reliable, clean, and affordable energy. Nation-states have a geopolitical identity and geopolitical aspirations for influence. Energy security is an essential factor in those aspirations. Nation-states can influence developments beyond their borders regarding access to, processing, and transportation of natural resources, such as carbon-based energy and minerals essential for renewable energy development.

This webinar addresses the relationship between energy security/homeland security and unhindered access to energy supplied from domestic or foreign sources, the role of energy transportation at competitive world prices, and the relationship between local and international energy infrastructure

[Authors & Presenters](#) / Ambassador (ret.) Richard D. Kauzlarich



### **Ambassador (ret.) Richard D. Kauzlarich**

Amb. (ret.) Richard D. Kauzlarich is Distinguished Visiting Professor at the Schar School of Policy and Government at George Mason University. Since 2014, Ambassador Kauzlarich has been Codirector of the Center for Energy Science and Policy (CESP). He served as Deputy Director, Terrorism, Transnational Crime and Corruption Center (TraCCC) at George Mason from 2011-2013.

Amb. Richard Kauzlarich teaches courses on the geopolitics of energy security and policy communication for executive leadership at the Schar School of Policy and Government.

Amb. Kauzlarich was National Intelligence Officer for Europe on the National Intelligence Council, Office of the Director of National Intelligence (ODNI) from September 2003 to April 2011. Before that position, he was Director of the Special Initiative on the Muslim World at the United States Institute of Peace. Ambassador Kauzlarich joined the Institute in spring 2002 after a 32-year career in the Foreign Service. He served as United States Ambassador to Bosnia and Herzegovina in 1997-99 and to Azerbaijan in 1994-97.

He was Senior Deputy to the Secretary of State's and the President's Special Representative to the Newly Independent States in 1993-94. He was Deputy Assistant Secretary of State in the Bureau of European Affairs in 1991-93, responsible for relations with the former Soviet Union and economic ties with the European Union.

He is a member of the National Council of the College of Arts and Sciences, and of the Cyber Operations/IT Advisory Council at Valparaiso University. He is also a member of the Advisory Board of Clean Trade, and the Advisory Council of the Eurasia Foundation. He is also a member of the Advisory Council for the National Center for Sustainable Development. He was chair and served on the Board of Lutheran Social Services of the National Capital Area.

Other Podcasts/Webinars in HDIAC available by Ambassador Kauzlarich are listed below.

## **PODCASTS / WEBINARS**

- [\*\*The HDIAC Podcast » Geopolitics of Climate Change: Why India and China Matter for US National Security – Part 1 of 2\*\*](#)

In the first installment of a two-part series on the Geopolitics of Climate Change, Ambassador Rich Kauzlarich interviews Dr. Andrew Light, discussing the evolution of climate change diplomacy alongside the emergence of climate vulnerability through the lens of global security. The conversation overviews emerging climate threats to U.S. interests overseas, the future of the global energy economy, and considerations for global cooperation.

- [\*\*HDIAC Webinars » Critical Infrastructure Resilience through Communication, Coordination, and Collaboration\*\*](#)

This presentation focuses on the role of communication, coordination, and collaboration for critical infrastructure resilience. The webinar will discuss the increasing importance of multi-stakeholder partnerships – across the public, private, and academic sectors – in promoting resilience within and across the four increasingly interdependent critical infrastructure sectors: energy, transportation, water, and communications.

- [\*\*The HDIAC Podcast » Battery Technology and Impact on National Security Part 1 of 2\*\*](#)

In part one of this two-part podcast series on Battery Technology and Impact on National Security, Dr. Hart and Dr. Robyn overview drivers of battery innovation and how the needs of both warfighters and military installations shape the Department of Defense's role in creating energy storage solutions. The future importance of different energy storage technologies that are currently in use is also discussed.

- [\*\*The HDIAC Podcast » Battery Technology and Impact on National Security Part 2 of 2\*\*](#)

In part two of this two-part podcast series, the conversation shifts to the rise of electrification and the intersection of the electric vehicle industry and the Department of Defense. Dr. Hart and Dr. Robyn also discuss the battery supply chain, touching on issues with foreign sourcing and production, as well as how best to educate the next generation about building toward sustainable energy solutions.

- [\*\*The HDIAC Podcast » Geopolitics of Climate Change: Why India and China Matter for US National Security – Part 2 of 2\*\*](#)

In the second installment of this two-part series, Ambassador Rich Kauzlarich and Dr. Andrew Light discuss opportunities for global cooperation on energy innovation and climate policy. The conversation includes how the

economic and development needs of India and China create opportunity for cooperation, the Paris Agreement, and China's Belt and Road Initiative.

[HDIAC Webinars » Energy Security Briefing Slides](#)



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**Links:** Presentation and registration (required to view and to download slides).

<https://www.hdiac.org/podcast/energy-security/>

<https://www.hdiac.org/register/>

**Discussion/Observations:** This webinar should be mandatory reading/viewing for all Strategic Planners and Intel Officers. Much of it focuses on Sir John Halford Mackinder, (1861-1947) his Strategic Focus of British Imperial Strategy and its applications today.

- Control of the seas
- Strong navy
- Suez Canal
- Coaling stations –infrastructure and supply-chain.
- Coal as a fuel
- See “Fueling mobility: coal and Britain’s naval power, c. 1870-1914”  
<https://core.ac.uk/download/pdf/83937265.pdf>
- Dominant naval technology.

In Mackinder's time coal was the fuel of industry for materials and goods, rail for logistical transport and propulsion of Britain's merchant and military naval dominance worldwide. SLOC's, Sea Lines of Communications, chokepoints, remote atoll/island/harbors for coaling stations (pre-positioned strategic materials (coal, munitions, spare parts, radio stations...) and technological advantages of the Royal Navy. This was the 19<sup>th</sup> Century Strategic imperatives from the beginning of Victorian times through the end of World War changes/additions to his 19<sup>th</sup> century list. The 21<sup>st</sup> century now includes the Chinese (PRC) Belt and Road initiative (Strategy), a navigable naval route through the Arctic, the rise of alternative energy, new sources of traditional petroleum reserves from fracking, new-alliances for trade and strategic minerals and the vulnerability to existing power grids in developed countries. Ambassador Kauzlarich's approach to the topic of Energy Security was masterfully presented to include vignettes on potential conflicts in the Nile River basin over water use/diversion, a potential flashpoint friction for the Middle East with Turkey controlling the major headwaters of 3 major rivers that supply water to the region. Lastly he discusses cyber warfare and information overload that impacts the strategic planners, politicians and industry in today's hyper-connected world.

**Summary:** Excellent discussion from an incredible SME for HDIAC to be leveraged by DoD and DoS, sources for the discussion with hyperlinks for further research is extremely helpful and rare in most Webinars. I have downloaded the presentation and shared it with POCs in USSOCOM J5 and the USSOCOM Joint Special Operations University, JSOU. I will use this presentation to bring in more users to the IAC community; already signed in one new DTIC and HDIAC user after the presentation from USSOCOM.

**Recommendation:** HDIAC develop a Webinar on “Strategic/Rare Earth Minerals and Security” to supplement the Energy Security Webinar in more depth.

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