

Nelson E. Hansen (Nick)

Not in residence

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RESEARCH INTERESTS

Foreign missile, space and nuclear programs, foreign satellite capabilities, foreign weapons testing facilities and command and control systems

Nick Hansen is an affiliate at Stanford University's CISAC and a member of their panel working on problems related to the Korean Peninsula and has given presentations at the panel meetings. He was also an Adjunct Professor at the Middlebury (Monterey) Institute of International Studies instructing on the uses of satellite imagery for nonproliferation analysis in 2014 and 2015. In September 2014 he was first interviewed for a series of television programs "What on Earth" to be aired by the Science Channel on what can be observed on earth from outer space. He again was interviewed in August 2015 and October 2016 for the three more series of programs to be aired in 2016 and 2017. In July 2015 he was a member of a group sponsored by South Korea's Ministry of Foreign Affairs that traveled to Seoul for discussions on U.S. policy in Northeast Asia. He again traveled to Seoul in May 2017 for meetings with several ROK Defense organizations on the North Korean nuclear and missile threat. In September he was a member of a CISAC team the held meetings in Beijing with Chinese officials on North Korean nuclear weapons developments and policy.

Mr. Hansen was an IPA at Penn. State University on assignment as an SES level civilian to the U.S. Navy Cyber Warfare Development Group (part time) where he was a senior research scientist from 2008 to 2014. In April 2014 he was a member of an interagency team that was awarded a National Intelligence Meritorious Unit Citation.

He is also a contributing author to IHS Jane's publications and has authored articles on the North Korean nuclear and missile programs, Iranian space and missile systems and facilities, the Indian navy's new submarine command and control facility and submarine base and Pakistani ballistic missile developments. He has authored and coauthored 34 articles on North Korea for the 38North web site sponsored by John Hopkins University. In 2012 he authored a paper on Iranian and North Korean missile cooperation for the Pacific Basin Nuclear Conference that was subsequently published in 2013. Hansen's research has recently focused on Iranian and North Korean missile, space and nuclear programs and their connections with other countries, such as China and Russia. In 2018 he has focused on North Korean weapons development facilities that would be covered in any future agreement.

He attended Syracuse University, Syracuse, N.Y. and received a Bachelor of Arts degree in Geography in 1964. He did graduate studies in Geography and remote sensing at San Jose State University in the 1970s.

PROFESSIONAL SUMMARY

Mr. Hansen retired from Northrop Grumman Corp. in 2008 with nearly 22 years of service with NGC and its acquired companies, TRW and ESL INC. From 1999 through 2006 he was the Director of ATSA. In this position he was responsible for approximately 25 to 30 contracts with 15 or more

customers across the IC, DOD and other NGC organizations, and managed at times over 150 people. During his forty-nine years in the intelligence community, Mr. Hansen acquired a national reputation as an intelligence specialist.

As a co-founder and Vice President of Tera Research Incorporated, he was responsible for new business acquisitions and managed analysis/R&D programs (1988 – 99). In the nearly fourteen years he was with ESL/TRW he built the largest imagery exploitation group outside of government. He managed a laboratory of 65 people involved in multi-source intelligence analysis, imagery exploitation, and imagery R&D projects (1974 -88). Prior to joining ESL, he was with GTE Sylvania for over seven years, during which he managed numerous studies program (1967 -74). He was an officer in the U.S. Army (1964 – 66) and Army Reserve (1967 to1980).

In 2005 Mr. Hansen was nominated for a national agency's Pioneer Lifetime Achievement award for his years of innovative intelligence analysis work and support to future systems. In 2007 he was interviewed for a history video for a government program highlighting his contributions to two successful programs. He is a member of AFCEA and AOC, and is on the board of directors of the Silicon Valley AFCEA chapter. He was also the board of Western Disaster Center, a not for profit public benefits corporation. In April 2015 he was elected to the board of directors of the San Antonio Hills Association, an unincorporated area in Santa Clara, County, California and is now its President.

PUBLICATIONS

Assessment of the Nuclear Programs of Iran and North Korea, Part III North Korea: Iran Connection, Jungmin Kang Editor, Springer Science + Business Media Dordrecht 2013

Hansen's research has recently focused on Iranian and North Korean Missile and space programs and their connections with other countries, such as China and Russia.

Thirty articles were published by 38North on North Korean national security subjects

2017 through 2018 he has written the following articles for IHS Jane's publications.

Catching Waves, New Iranian space signals facility targeting satellites
Nick Hansen
Jane's Intelligence Review (June 2018)

Engines of Change, Iran weighs options after US exit from JCPOA
Nick Hansen coauthor
Jane's Intelligence Review, (May 2018)

IntelWatch-(North Korea-US story)
Nick Hansen contributor
Jane's Intelligence Review, (May 2018)

Operational intent, Preliminary testing of North Korean ELWR likely underway
Nick Hansen
Jane's Intelligence Review, (May 2018)

North Korean ICBM design shows external influence
Nick Hansen coauthor
Jane's Intelligence Review, (February 2018)

North Korean test complex for canister-launched missiles spotted near Kusong
Nick Hansen coauthor
Jane's Defense Weekly, (December 2017)

Iran missile and space-launch ambitions slow under political pressure
Nick Hansen
Jane's Intelligence Review, (November 2017)

Iran releases Khorramshahr missile test video
Nick Hansen coauthor
Jane's Defense Weekly, (June 2017)

Facility Analysis: Sohae Satellite Launching Ground,
Nick Hansen
Jane's Satellite Imagery Analysis, (May 2017)

Shooting range, North Korea ups pace of ballistic missile launches
Nick Nansen
Jane's Intelligence Review, (April 2017)

Spaceshot: Kusong, North Korea – Pukkuksong-2 missile launch site
Nick Hansen
Jane's Defense Weekly, (February 2017)

Satellite imagery confirms Iranian ballistic missile tests
Nick Hansen
Jane's Defense Weekly, (February 2017)

Many other articles in 2014 through 2016