

## Nautilus Peace and Security - 23 October

## **Recommended Citation**

"Nautilus Peace and Security – 23 October", NAPSNet Weekly Report, October 23, 2014, https://nautilus.org/napsnet/napsnet-weekly/nautilus-peace-and-security-23-october/

- DETERRENCE: Worthy Warriors
- DPRK: North Korean Strategic Strategy: Combining Conventional Warfare with the Asymmetrical Effects of Cyber Warfare
- GOVERNANCE AND CIVIL SOCIETY: The Hong Kong Protests are Creating a More Ethnically Unified City
- CLIMATE CHANGE ADAPTATION: The Sustainable Development Goals Will They Deliver Climate Compatible Development for Vulnerable Countries?
- CLIMATE CHANGE AND SECURITY: Solar Dimming Reflects Complexity of Climate Change



**DETERRENCE:** Worthy Warriors, Leon Panetta, Penguin,

New York, 2014

In 2010, General Sharp briefed then CIA Director Leon Panetta on "use of nuclear weapons, if necessary" to defend the ROK. Panetta did not write that he briefed or agreed with the then ROK President on this warplan, as reported in ROK media. Predictably, the DPRK cited Panetta as evidence of nuclear threats that justify its nuclear weapons. "If necessary" is not defined in the book either.

- US Slammed for Its Attempt to Use Nuclear Weapons against DPRK, KCNA October 16, 2014
- Allies agreed to use nukes during NK invasion, Jun Ji-hye, Korea Times, October 8, 2014
- No, the U.S. Doesn't Have Plans to Nuke North Korea, Where did the idea for a "nuclear umbrella"



DPRK: North Korean Strategic Strategy: Combining Conventional Warfare with the Asymmetrical Effects of Cyber Warfare.

Jennifer Erlendson, Utica College. (March 2013). [PDF, 1.03 MB]

North Korea's moves into asymmetric warfare have to balance cost, capability and only interfering with other countries' interests as little as possible. North Korean cyber efforts have to be carefully calibrated since North Korea risks forging a temporary common cause between the United States, China, South Korea and Japan. It is likely North Korean acquired a new submarine. However, there does not appear to be a new naval doctrine for the new capability. Training a new crew will take years and an exercise pace that North Korea has not exhibited since the fall of the Berlin Wall.

- HP security briefing, episode 16 profiling an enigma: North Korea's cyber threat landscape. Hewlett Packard Security Research. (August 2014 w October 2014 updates) [PDF, 3.6 MB]
- North Korean tactics. James Minnich, United States Army Command and Staff College. (September 2001) [PDF, 490 KB]
- The North Korean navy acquires a new submarine. Joseph S. Bermudez Jr, 38 North. (19 October 2014)



GOVERNANCE AND CIVIL SOCIETY: The Hong Kong Protests are Creating a More Ethnically Unified City, Rishi Iyengar, Time (21 October 2014)

The Umbrella Revolution protests in Hong Kong have brought together migrant workers as well as students, uniting protesters as Hong Kong community members seeking democracy and giving rise to an "urban village". While city leaders have held a public discussion with protesters, the chief executive has said free elections are impossible as the city's poor would dominate politics.

- For Chinese, a remarkable sight: Freewheeling debate on democracy, Michael Forsythe and Alan Wong, New York Times (21 October 2014)
- An urban village pops up to comfort Hong Kong protesters, Frank Langfitt, NPR (19 October 2014)

• Hong Kong's leader says that poor people would ruin a free election, AFP (21 October 2014)



CLIMATE CHANGE ADAPTATION: The Sustainable
Development Goals - Will They Deliver Climate Compatible Development for
Vulnerable Countries? Helen Picot and Nicholas Moss, Working Paper,
Climate and Development Knowledge Network - CDKN (September 2014)
[1.41 MB, PDF]

Climate change is one of the most pressing challenges the world faces today. It affects all aspects of the development agenda, from poverty eradication to health care, and from economic growth to disaster risk reduction. Meanwhile, the success of global action on climate change will depend on the development path taken by all countries. 2015 will be a crucial year for global action on both climate change and development.

- Policy Brief: Defining Climate Compatible Development, Climate and Development Knowledge Network - CDKN (2010)
- Planning Climate Compatible Development: Lessons from Experience, Policy Brief, Climate and Development Knowledge Network CDKN (December 2010) [521 KB, PDF]



CLIMATE CHANGE AND SECURITY: Solar Dimming Reflects Complexity of Climate Change, Eco-Business (14 October 2014)

Australian PM Tony "Coal is good for humanity" Abbott may have missed the memo on climate complexity and the nature of uncertainty. A 10% (1950-2005) fall in Indian summer monsoonal rainfall – on which billions depend – can only be explained by the sun-dimming effects of air pollution. Absent US mitigation policy, the DoD is now talking climate adaptation. But uncertainty means greater risk, deeper insecurity.

- 2014 Climate Change Adaptation Roadmap, Department of Defense.
- Why climate 'uncertainty' is no excuse for doing nothing, Richard Pancost and Stephan Lewandowsky, The Conversation UK (17 October 2014)

• <u>United Nations Climate Summit Opening Ceremony - A poem to my daughter</u>, Kathy Jetnil-Kijiner, Iep Jeltok (24 September 2014) (Video and text)

The Nautilus Peace and Security Weekly Report presents articles and full length reports each week in six categories: Austral security, nuclear deterrence, energy security, climate change and security, the DPRK, climate change adaptation and governance and civil society. Our team of contributors carefully select items that highlight the links between these themes and the three regions in which our offices are found—North America, Northeast Asia, and the Austral-Asia region.

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