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See this week's blog: [Creating pathways to a sustainable future](#) from our Climate Change Adaptation contributor, Saleem Janjua.

DETERRENCE: [Navy launching its first drone copter squadron, Unmanned aircraft could eventually be on every ship](#), Jeanette Steele, San Diego Union Tribune (10 September 2012)

The US Navy will train current its 1st unmanned-helicopter squadron to fly MQ-8C Fire Scouts at Coronado Naval Air Station. The MQ-8Cs arrive in 2014, and later, MQ-8C drones. These drones will fly off destroyers and frigates for reconnaissance and intelligence gathering.

- [Japan, U.S. mull joint use of Guam facilities for drones to keep China in check](#), Kyodo (6 September

6 2012)

- [US to deploy drones over Diaoyutais](#), Michael Cole, Taipei Times (8 August 2012)
 - [HQ-4 Xianglong Ready for Test Flight](#), editor, Unmanned Aircraft Systems Vision (5 October 2011) [video]
-

DPRK: [U.S. State Department officials in charge of Asia discuss post-election relations](#), C-Span, (1 November 2012) [Video]

New leaders in the US and China will quickly need to find common ground on dealing with enigmatic and sometimes phlegmatic North Korea in a dynamic and responsible way. Neither side will likely place North Korea atop their priorities, so it is very likely past policies will continue into the near future. While diplomatic dances continue, real capabilities and problems grow in and around China's neighbor.

- [Challenges posed by North Korea's weapon-grade plutonium: current and projected stocks](#), Albright, David and Christina Walrond, (24 October 2012)
 - [Missile-tracking drones may scan skies from FY20](#), Daily Yomiuri Online, The Daily Yomiuri (5 November 2012)
 - [North Korea plagued by drug-resistant tuberculosis: S. Korea aid group](#), The Korea Herald (5 November 2012)
-

ENERGY SECURITY: [How to make rich countries pay for climate change](#), Jeffrey Sachs, Financial Times (23 October 2012)

Jeff Sachs proposes a graduated carbon tax: in \$/tCO₂e annually, \$5 for US, Saudi Arabia, etc.; \$2.5 for China, Mexico, Brazil, etc.; and \$1.25 for India, Sudan, Indonesia, etc, for a total of \$100 billion a year to be transferred to low-income countries. Katherine Marshall writes on a meeting of the World Faiths Development Dialogue: "But light and energy are also issues with strong ethical and spiritual dimensions, though those dimensions have been fairly invisible so far. What are faith communities doing to meet the dangerous deficit of light?" Hillary Clinton points out, "In the next 25 years, the world is going to need up to \$15 trillion in investment to generate and transmit electricity." Which security interests will win, on whose money?

- [Global fund could funnel \\$60 trillion towards low-carbon technologies](#), William Brittlebank, Climate Action [2 October 2012]
 - [Energy for all: A challenge of faith](#), Katherine Marshall, Huffington Post [25 October 2012]
 - [Energy diplomacy in the 21st Century](#), Hillary R. Clinton, Speech at Georgetown University [18 October 2012]
-

GOVERNANCE AND CIVIL SOCIETY: [How new leaders in SK, US could affect](#)

[ties with N. Korea, Dong-A Ilbo \(26 October 2012\)](#)

While all three ROK presidential candidates have pledged better ties with the DPRK, the combination of ROK and US leadership that emerges after elections will affect both the US/ROK and DPRK's engagement approaches. The ruling party candidate has called for a summit and cross-border offices to foster communication. One opposition candidate seeks to establish a peace regime and denuclearization, while the other calls for greater economic cooperation.

- [S. Korea presidential nominee Park seeks to meet North's Kim](#), Sangwon Yoon, Bloomberg (5 November 2012)
 - [Moon Jae-in explains his North Korea vision](#), Lee Tae-hee, Hankyoreh (5 October 2012)
 - [Ahn Cheol-soo calls for closer ties with 'northern economies'](#), Korea Times (9 October 2012)
-

CLIMATE CHANGE ADAPTATION: [Changing climate, changing communities: guide and workbook for municipal climate adaptation](#), ICLEI Canada (2012) [12.8 MB, PDF]

Though this adaptation guide will be particularly valuable to local government staff, it is important to acknowledge the importance of involvement at the political level. By exposing locally elected officials to key elements of the guide, and including them at key points, staff can ensure that their climate adaptation planning and implementation efforts will have the political support, in the short- and long-term, that is necessary to successfully undertake an adaptation planning process.

- [Preparing for climate change: A guidebook for local, regional, and state governments](#), University of Washington, King County, Washington and ICLEI (2007) [5.6 MB, PDF]
 - [Local government climate adaptation toolkit, Cities for Climate Protection Australia Adaptation Initiative](#), ICLEI Oceania (2008) [1.5 MB, PDF]
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BLOG: [Creating pathways to a sustainable future](#)

by [Saleem Janjua](#) - Climate Change Adaptation Contributor *Climate adaptation strategies are essential for guiding the adaptation actions of local governments and for moving forward towards sustainability...*

CLIMATE CHANGE AND SECURITY: [Climate linked to conflict in East Africa, study finds](#), Jon Bardin, Los Angeles Times (22 October 2012)

A study relating climate to conflict in East Africa finds that increased rainfall dampens conflict while unusually hot periods can cause a flare-up, reinforcing the theory that climate change will cause increased scarcity. A dataset using location-specific tracking of individual events across Africa

showed an increase in rain reduced the likelihood of conflict, and that especially hot temperatures meant about a 30% higher likelihood of a conflict.

- [Climate variability and conflict risk in East Africa, 1990–2009](#), John O’Loughlin, et al., Proceedings of the National Academy of Science (22 October 2012) [PDF, 662KB]
- [Vietnam: country study. A guide to the cold calculus of a hot planet](#). Climate Vulnerability Monitor 2nd Edition, DARA and the Climate Vulnerable Forum (2012) [482.5KB]
- [Too late for two degrees? Low carbon economy index 2012](#), PWC (November 2012) [PDF, 22.2KB]

*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. Each week, one of our authors also provides a **short blog** that explores these inter-relationships.*

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