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DETERRENCE: [China conducts flight landing on aircraft carrier](#), Xinhua (24 November 2012)

Xinhua reports that a J15 fighter plane landed on *Liaoning*, China's first aircraft carrier. Although China has latecomer and espionage advantages, this occurs 90 years after the US Navy first landed aircraft on the carrier *Langley* on October 17, 1922; and as it test lands pilotless drone aircraft on carriers.

- [China's aircraft carrier ambitions: an update](#), Nan Liu, Christopher Weuve, Naval War College Review (Winter, 2010) [PDF, 0.3MB]
 - [New drone to begin next phase of testing on carrier](#), W.J. Hennigan, Los Angeles Times (28 November 2012)
 - [Naval aviation: USS Langley - first US aircraft carrier](#), Kennedy Hickman (undated)
-

DPRK: [N. Korea's rocket launch 'baptism by fire' for China's new leadership](#), Kim Young-gyo, Yonhap News Agency (4 December 2012)

North Korea riled most countries with its announcement to fire a missile/test a satellite. While the technologies are not completely identical, they are extremely similar. DPRK almost certainly plans to launch based on domestic factors and is therefore relatively resistant to any of the outside influence the international community is likely to support. However, Sino-DPRK long-term relationship damage is difficult to assess right now.

- [FAQ: North Korea's upcoming space launch](#), Center for Nonproliferation Studies, Monterey Institute for International Studies, (10 April 2012)
 - [Exclusive: more on DPRK rocket trajectory and launch plans \(with NOTAMS\)](#), North Korea Tech Blog (4 December 2012)
 - [North Korea pushing ahead with new nuclear reactor - IAEA](#), Fredrik Dahl, Swissinfo.ch (29 November 2012)
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ENERGY SECURITY: [Global water crisis: too little, too much, or lack of a plan?](#) William Wheeler, Christian Science Monitor (2 December 2012)

Not only is water the most significant greenhouse gas, a co-product of fossil fuel combustion, and important to power generation, it is also the key mediator of climate change, the adverse effect of which mostly have to do water, too little or too much. Putting a price on water is out, but the drum-beat of "paying for it" (carbon tax, fee) is getting louder. Whom paying whom for what? How much tax is just right, not too high or low? Who knows? Tithe to the church of deception, the gullible dolts in thrall to glib pretenders.

- [U.S. climate aid reaches across globe](#), Juliet Eilperin, Washington Post (3 December 2012)
 - [Paying for it](#), Elizabeth Kolbert, New Yorker (10 December 2012)
 - [Climate change is happening now - a carbon price must follow](#), James E. Hansen, Guardian (29 November 2012)
-

GOVERNANCE AND CIVIL SOCIETY: [Poll shows strains in China-Japan-S. Korea ties](#), Zhang Yunbi and Zhou Wa, China Daily (26 November 2012)

North Korea's planned launch attempt will further strain the already tense relations between the ROK, China and Japan as new leadership takes over in each country. A recent poll shows public feeling between the neighbors is at an all-time low. The US may not be helping the situation by introducing a bill that regards the Diaoyu Islands as falling under the authority of the US-Japan security pact.

- [Northeast Asian countries united in condemning NK's rocket launch plans](#), Park Hyun, Park Min-hee and Park Byung-soo, Hankyoreh (3 December 2012)
 - [China repeats opposition to provocations ahead of N. Korea's rocket launch](#), Yonhap (2 December 2012)
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- [China opposes U.S. bill concerning Diaoyu Islands](#), Xinhua (3 December 2012)
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CLIMATE CHANGE ADAPTATION: [Climate change vulnerability and the identification of least developed countries](#), Matthias Bruckner, United Nations Development Policy and Analysis Division, US Department of Economic and Social Affairs (2012) [622 KB, PDF]

Many least-developed countries (LDCs) are located in parts of the world that are expected to be badly affected by temperature and precipitation changes. Due to their low level of development, LDCs are also less resilient to negative external events and have lower capacity to adapt than other developing countries. This increased vulnerability is seen as unfair, as LDCs have contributed to climate change, by emitting greenhouse gases or by changing their land-use patterns, only marginally.

- [Quantifying vulnerability to climate change: implications for adaptation assistance](#), David Wheeler, Center for Global Development-CGD (2011) [1.23 MB, PDF]
 - [Addressing sustainable development and climate change together using sustainomics](#), Munasinghe, M, Wiley Interdisciplinary Review: Climate Change (2010) [1.23 MB, PDF]
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CLIMATE CHANGE AND SECURITY: [Climate change, migration, and conflict in South Asia: rising tensions and policy options across the subcontinent](#), Arpita Bhattacharyya and Michael Werz, Center for American Progress (December 2012) [PDF, 2.68MB]

U.S. policymakers need to include India in their Asia pivot, which boasts the added benefit of making clear the pivot is not about outdated Cold War theories of containment. Tensions over Chinese claims on Arunachal Pradesh and Tawang are likely to be heightened by climate change. It seems unlikely India would allow crucial water supplies to be lost, particularly as climate change increases the overall stress on agriculture and basic livelihoods.

- [Climate change and security: the test for Australia and Indonesia – involvement or indifference?](#) Allan Behm, Nautilus Institute, APSNet Special Report 09-01S (12 February 2009) [PDF, 164KB]
 - [Defence firms seek broader agenda](#), Nick Childs, BBC News (18 November 2012)
 - [The securitization of climate change in world politics: how close have we come and would full securitization enhance the efficacy of global climate change policy?](#), Shirley V. Scott, Review of European Community & International Environmental Law, vol. 21, no. 3 (19 November 2012)
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