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## **DETERRENCE: [The nuclear matters handbook, expanded edition](#), US Department of Defense (2011) [PDF, 15.3MB]**

Security architectures in key regions will retain a nuclear dimension as long as nuclear threats to U.S. allies and partners remain. The United States will continue to be able to extend its nuclear umbrella through forward-deployable fighters and bombers and through U.S. intercontinental and submarine-launched ballistic missiles (ICBMs and SLBMs).

- [Extended nuclear deterrence in northeast Asia](#), Jeffrey Lewis, Nautilus Institute, East Asia Nuclear Security Workshop, Tokyo, Japan (November 2011) [PDF, 0.1MB]
- [Report of the Secretary of Defense task force on DoD nuclear weapons management, phase II: Review of the DoD nuclear mission](#), (December 2008) [PDF, 1.1 MB]

## **DPRK: [Experimental LWR construction: FM spokesman](#), KCNA (30 November 2011)**

The DPRK Foreign Ministry emphasized the North's right to the peaceful use of nuclear energy. The DPRK will not compromise on its right to nuclear energy, but it will work with the IAEA to "convince the world of the peaceful nature" of its nuclear program. North Korea committed to resuming the six-party talks and implementing the 2005 joint agreement but also warned of "catastrophic

consequences" if its right to nuclear power was not recognized.

- [North Korea makes significant progress in building new experimental Light Water Reactor \(ELWR\)](#), 38 North (14 November 2011)
- [ISIS analysis of IAEA safeguards report on the Democratic People's Republic of Korea](#), David Albright and Paul Brannan, ISIS (2 September 2011)
- [Engaging the DPRK enrichment and small LWR program: What would it take?](#), David von Hippel and Peter Hayes, Nautilus Institute Special Report (23 December 2010)

**CLIMATE CHANGE ADAPTATION: [Foresight international dimensions of climate change, final project report](#), The Government Office for Science, London, UK (July 2011) [PDF, 13.5MB]**

The consequences for the UK of climate change occurring in other parts of the world could be as important as climate change directly affecting these shores. The UK will inevitably be affected by these global impacts, and will need to give careful consideration to the implications for diplomacy and foreign policy, security, resources and commodities, finance and trade, human health and social values.

- [Adapting to climate change: UK climate projections](#), Department for Environment, Food and Rural Affairs (DEFRA), UK (June 2009) [PDF, 3.07 MB]
- [UK's first climate change risk assessment \(CCRA\)](#), UKCIP, Environmental Change Institute (ECI), University of Oxford, UK (December 2011)

**ENERGY SECURITY: [Toward a sustainable future for the U.S. power sector: Beyond business as usual 2011](#), Geoff Keith, Bruce Biewald, Ezra Hausman, Kenji Takahashi, Tommy Vitolo, Tyler Comings and Patrick Knight, Synapse Energy Economics (17 November 2011) [PDF, 1.0 MB]**

A Synapse study for the Civil Society Institute shows that a US power sector "Transition Scenario" reduces CO2 emissions by 81% from 2010 levels at a net discounted savings of \$83 billion (2010-2050). The scenario by 2050 phases coal-fired power, reduces nuclear generation, increases gas-fired power somewhat, and includes efficiency improvements slightly more than offsetting electricity demand growth, along with big increases in wind and solar.

- [The technology path to deep greenhouse gas emissions cuts by 2050: The pivotal role of electricity](#), James H. Williams, Andrew DeBenedictis, Rebecca Ghanadan, Amber Mahone, Jack Moore, William R. Morrow III, Snuller Price, Margaret S. Torn, Science (24 November 2011) [PDF, 1.2MB]
- [Building retrofits: The energy-saving potential](#), David Biello, Yale Environment 360 (7 November 2011)
- [New fuel economy proposal would bring major oil savings](#), Therese Langer, American Council for an Energy-Efficient Economy (17 November 2011)

**GOVERNANCE AND CIVIL SOCIETY: [Aid effectiveness: "The unbearable lightness of the Busan Declaration"](#), Guatemala Times (2 December 2011)**

Representatives from over 160 nations met in Busan, South Korea, to discuss the future of aid to

developing countries and agreeing to set a timetable for a worldwide partnership on aid delivery and a greater role for civil society. However, civil society groups criticized the Declaration for its failure to be a binding agreement, its lack of focus on gender issues and the still-limited role civil society plays in aid policy discussions.

- [Leaders vow to fight poverty](#), Park Si-soo, The Korea Times (30 November 2011)
- [Commentary: World forum in Korea aims to improve aid](#), Ben Barber, The Kansas City Star (5 December 2011)

### **AUSTRAL SECURITY: [Spy expert warns of Beijing tie to satellite](#), Australian (17 November 2011)**

Australia will continue to allow China to use a West Australian satellite station, despite the country's top electronic espionage expert finding that such use may boost Beijing's ability to target US and Australian warships.

- [China, U.S. use same tracking base](#), WSJ (16 November 2011)
- [China space success, blessing to globe](#), English.Xinhuanet.com (14 November 2011)
- [2011 China defense white paper: Points of concern](#), International Assessment and Strategy Center (11 April 2011)

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