

# Newsletter Assessment)

(Strategic



Newsletter – February 2017

[Strategic Assessment](#)

---

## **CHINA'S MILITARY & THE U.S.- JAPAN ALLIANCE IN 2030: A Strategic Net Assessment**

The emergence of the People's Republic of China as an increasingly significant military power in the Western Pacific presents major implications for Japan, the U.S.-Japan alliance, and regional security.

[Chinas Military and US Japan Alliance](#)

---

# China's Carbon Emissions Report 2015

China's carbon emissions from fossil fuel burning and cement production were 8.50 Gt CO<sub>2</sub> in 2012, making it the country with the largest emissions in the world. China's carbon emissions were only 5.46 Mt CO<sub>2</sub> in 1950, thus the total emissions increased more than 100-folds during those 60 years. Such a growth rate was the highest among the world's major economies.

[Chinas carbon emissions report](#)

---

## The Role of Integrated Assessment Models in Climate Policy: A User's Guide and Assessment

Greenhouse gas emissions are a textbook case of a global externality. The starting point for any policy to address this market failure is an assessment of the monetized social marginal damages from emissions – the net damages arising from one additional ton of emissions in any given year. The classic prescription for an externality of this type is to set a price on emissions equal to the social marginal damages.

[Assessment Models in Climate Policy](#)