

**Energy Security Seminar on
'Risk and Resilience: Securing Energy in Insecure Spaces'
Programme¹
29–30 October 2012**

**Organised by
Centre for Non-Traditional Security (NTS) Studies
S. Rajaratnam School of International Studies (RSIS)
Nanyang Technological University
Singapore**

Day 1 (29 October)

Venue: Orchard Hotel, Orchard Ballroom 3 (Level 3)

Dress code: Office Attire

08:30–09:00

Registration

09:00–09:15

Welcome Remarks

Mr Peter Mok
Director, International Affairs
Ministry of Defence
Singapore

09:15–09:30

Opening Remarks

Prof. Mely Caballero-Anthony
Associate Professor, S. Rajaratnam School of
International Studies (RSIS);
Head, RSIS Centre for NTS Studies; and
Secretary-General, Consortium of Non-Traditional
Security Studies in Asia (NTS-Asia)
Singapore

09:30–10:15

Photo opportunity and tea break

10:15–12:00

Session 1: Energy, Growth and Society

Guiding questions: *How can policymakers address competing tensions within their societies over growth and energy needs, environmental concerns, and social issues? What are the implications from increased global competition on local supply of energy? How much can alternative energies provide in rapidly-growing economies?*

Moderator:
Prof. Mely Caballero-Anthony

^{1 1} Note: Each session is 1hr 45 mins (15 mins for each presentation and 1 hr for Q&A.)

Associate Professor, S. Rajaratnam School of International Studies (RSIS);
Head, RSIS Centre for NTS Studies; and
Secretary-General, Consortium of Non-Traditional Security Studies in Asia (NTS-Asia)
Singapore

Presenters:

10:15–10:30

Aspects of China's Domestic Energy Policy

Prof. Zha Daojiong
Professor of International Political Economy
School of International Studies
Peking University
China

10:30–10:45

Managing the Resource Nexus in the New Global Architecture

Dr Philip Andrews-Speed
Principal Fellow
East Asia Programme
Energy Studies Institute (ESI)
National University of Singapore (NUS)
Singapore

10:45–11:00

New Energy Architecture for Energy Security

Prof. Tatsuo Masuda
Professor
Nagoya University of Business and Commerce
Graduate School
Japan

11:00–12:00

Q&A

12:00–13:00

Lunch

Orchard Café, Level 1

13:00–14:45

Session 2: Energy in Insecure Locations

Guiding questions: *How have new discoveries in insecure areas shaped new geopolitical relations? How can national energy security policies play a role in promoting energy security abroad in insecure areas? Should others follow China's lead in securing energy in conflict-affected areas? What risks and liabilities do companies face going into these areas?*

Moderator:

Dr J. Jackson Ewing
Research Fellow and
Coordinator of the Climate Change, Environmental Security and Natural Disasters Programme, & Food Security Programme

RSIS Centre for NTS Studies
Singapore

Presenters:

13:00–13:15

China and the South China Sea: Challenge of Energy Security

Dr Hooman Peimani
Principal Fellow and
Head, Energy Security Division
Energy Studies Institute (ESI)
National University of Singapore (NUS)

13:15–13:30

Risks of Securing Energy in Insecure Areas: Examples from Southeast Asia

Mr Cillian Nolan
Senior South East Asia Analyst
International Crisis Group (ICG)
Jakarta, Indonesia

13:30–13:45

Quantitative Assessment of Energy Security in East Asia

Dr Xunpeng Shi
Energy Economist
Economic Research Institute for ASEAN and East Asia (ERIA)
Jakarta, Indonesia

13:45–14:45

Q&A

14:45–15:15

Tea break

15:15–16:45

Session 3: New Technologies: Bane or Blessing?

Guiding questions: *What are the latent risks of unconventional oil & gas? How are these risks spread geographically, economically, or socially? How can environmental concerns be balanced against the economic potential of new sources of fossil fuels? Will renewed focus on oil & gas threaten the progress of renewable energy?*

Moderator:

Prof. Zha Daojiong
Professor of International Political Economy
School of International Studies
Peking University
China

Presenters:

15:15–15:30

Modelling Climate Risk as Constraint on Renewable Energy Production

Prof. Raymond Tan

University Fellow and Full Professor of Chemical, and
Director
Center for Engineering and Sustainable Development
Research (CESDR)
De La Salle University, Philippines

15:30–15:45

**The Quest For Shale Gas and Biofuel in SEA:
Lessons from North America and Europe**

Dr Eulalia Han
Fellow
Energy Security Division
Energy Studies Institute (ESI)
National University of Singapore (NUS)

And

Mr Nur Azha Putra
Research Associate
Energy Security Division
Energy Studies Institute (ESI)
National University of Singapore (NUS)

15:45–16:45

Q&A

19:00

Welcome Dinner

Guests to gather at the hotel lobby at 6.15pm (bus
departs at 6.20pm)

- End of Day 1 -

Day 2 (30 October)

08:45–10:30

Session 4: Prospects for Asian Cooperation

Guiding questions: *Is pursuit of energy security at the margins a long-term trend? What are the implications for growth? How can regional cooperative frameworks enhance energy security? How can states manage external risks and build external resilience?*

Moderator:

Prof. Mely Caballero-Anthony
Associate Professor, S. Rajaratnam School of
International Studies (RSIS);
Head, RSIS Centre for NTS Studies; and
Secretary-General, Consortium of Non-Traditional
Security Studies in Asia (NTS-Asia)
Singapore

Presenters:

08:45–09:00

Energy Market Integration and Its Implications for Energy Security in ASEAN

Dr Youngho Chang
Assistant Professor
Division of Economics
And
Adjunct Senior Fellow at the S. Rajaratnam School of
International Studies (RSIS)
Nanyang Technological University (NTU)
Singapore

09:00–09:15

Options for Energy Risk Adaptation in East Asia

Prof. Zha Daojiong
Professor of International Political Economy
School of International Studies
Peking University
China

09:15–09:30

Regional Cooperation on Energy Security in Asia: Positive Impact?

Dr Hooman Peimani
Principal Fellow and
Head, Energy Security Division
Energy Studies Institute (ESI)
National University of Singapore (NUS)

09:30–10:30

Q&A

10:30–11:00

Tea break

11:00–12:30

Post-mortem/Closing Remarks

Mr Yogaindran Yogarajah

Deputy Director, International Affairs
Ministry of Defence
Singapore

And

Prof. Mely Caballero-Anthony
Associate Professor, S. Rajaratnam School of
International Studies (RSIS);
Head, RSIS Centre for NTS Studies; and
Secretary-General, Consortium of Non-Traditional
Security Studies in Asia (NTS-Asia)
Singapore

12:30–13:30

Closing Lunch

- End of Seminar -