

**International Conference on
Nuclear Governance Post-Fukushima
Programme
31 October 2013**

**Organised by
Energy Studies Institute (ESI), NUS
and
Centre for Non-Traditional Security (NTS) Studies
S. Rajaratnam School of International Studies (RSIS), NTU**

Conveners: Dr Philip Andrews-Speed, Principal Fellow, Head, Energy Security Division, ESI, NUS, & Associate Professor Mely Caballero-Anthony, Head, RSIS-Centre for Non-Traditional Security Studies.

Background & Context

Two years have passed since the Fukushima nuclear accident occurred. Since then, Japan's energy policies have shifted from pro-nuclear to fossil-fuel oriented. As it stands today, the Japanese government has shut down almost all of its the nuclear reactors. However, as evident in the reactivation of two nuclear reactors in 2012, the Japanese government is likely to partially rehabilitate the country's nuclear energy sector due to various factors, which includes the heavy costs of fossil fuel-imports such as natural gas and oil. Elsewhere, in Southeast Asia (SEA), Vietnam has begun serious preparations towards realising its nuclear energy ambitions. Other SEA states such as Malaysia, Indonesia, Myanmar and Thailand have indicated their willingness to embark on similar projects in the future while the Philippines is still considering its nuclear options. It appears that the Fukushima incident has not thwarted the nuclear energy aspirations in the SEA region. The same observation can also be said for the other regions too – the Middle East and North Africa, Europe (with the exception of Germany and Switzerland), and Asia-Pacific. At this point, it appears that only the South American region remains resilient towards large-scale deployment of nuclear energy, although Brazil and Argentina are building medium-scale reactors.

Against this background, this conference seeks to analyse the impact of Fukushima on nuclear governance, based on IAEA's **3S - Security, Safeguards, and Safety**. This conference, which is part of a larger project on nuclear governance, seeks to articulate and map the various existing nuclear governance models in Europe, North America, Asia-Pacific, and outline the model that is perhaps best suited for the Southeast Asia region against the backdrop of its social, cultural, economic, and political landscapes.

Objectives of the Conference

This conference seeks to achieve three objectives:

1. Identify and articulate critical emerging international and regional trends in energy security policies post-Fukushima;
2. The impact of the global nuclear developments on the security landscape in Asia; and
3. Identify critical areas for future policy research.

31 October (Thursday)

Venue: Marina Bay Sands

Morning Session (Open only to SIEW ticket-holders)

08:30–09:00	Registration
09:00–09:10	Opening Remarks Professor SK Chou Executive Director Energy Studies Institute (ESI), National University of Singapore (NUS), Singapore
09:10–09:20	Opening Remarks Ambassador Dr Barry Desker Dean S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University (NTU), Singapore
09:20–10:20	Theme 1, Part 1: Global Trends in Nuclear Energy Policies and Technology Post-Fukushima Professor SK Chou Executive Director Energy Studies Institute (ESI), National University of Singapore (NUS), Singapore
09:20–09:40	<u>Presentation 1: Global Trends in Energy Policies Post-Fukushima (Europe, MENA, North & South America & Asia-Pacific)</u> Speaker A Mr Andrii Gritsevskiy International Atomic Energy Agency (IAEA)
09:40 – 10:00	<u>Presentation 2: Trends in Southeast Asia</u> Speaker TBC
10:00 – 10:20	<u>Presentation 3: Global Development in Nuclear Technology</u> Dr Kumiaki Moriya Senior Chief Engineer Hitachi-GE, Nuclear Energy, Ltd, Japan
10:20 – 10:50	Tea Break and Photo Opportunity
10:50 – 12:00	Theme 1, Part 2: Roundtable Discussion on Global Trends in Nuclear Energy Policies and Its Impact on the Security Landscape in Asia

Chair:
Ambassador Dr Barry Desker
Dean
S. Rajaratnam School of International Studies (RSIS),
Nanyang Technological University, Singapore

Mr Andrii Gritsevskiy
International Atomic Energy Agency (IAEA)

Mr Nicholas Fang
Executive Director,
Singapore Institute of International Affairs

Professor Dato' Aishah Bidin
Dean, Law Faculty
Malaysia National University, Malaysia

Dr Kumiaki Moriya
Senior Chief Engineer
Hitachi-GE, Nuclear Energy, Ltd, Japan

Ms Jane Chen
Founding Partner
Sunshine Law Firm
China

Afternoon session (open to public upon registration)

12:00 – 13:00

Lunch

13:00 – 14:45

Theme 2: Nuclear Governance and Non-Traditional Security Issues

Chair
Dr Philip Andrews-Speed
Principal Fellow
Head, Energy Security Division
ESI, NUS

13:00 – 13:20

Presentation 4: International Nuclear Law and Malaysia's Legal Framework

Professor Dato' Aishah Bidin
Dean, Law Faculty
Malaysia National University, Malaysia

13:20 – 13:40

Presentation 5: The Socioeconomic Impact of Nuclear Energy

Speaker B
Dr Hans-Holger Rogner
International Institute for Applied Systems Analysis

13:40 – 14:00

Presentation 6: Nuclear Energy and the Environment

Alistair D.B. Cook
Visiting Research Fellow
East Asian Institute (EAI), NUS
And

Ms Sofiah Jamil
Adjunct Research Associate
RSIS Centre for NTS Studies

14:00 – 14:45

Q and A

14:45 – 15:15

Tea Break

15:15 – 17:00

Theme 3: Selected Case Studies on Nuclear Governance

15:15 – 15:35

Presentation 7: Regulating China's Rapidly Growing Nuclear Industry

Ms Jane Chen
Founding Partner
Sunshine Law Firm
China

15:35 – 15:55

Presentation 8: Human Resource and Capacity Building: Issues and Challenges for Vietnam

Mdm Ton Nu Thi Ninh
Former Ambassador of Vietnam to the European Union
and
Director
Tri Viet Center for Social and Educational Research,
Vietnam

15:55 – 16:15

Presentation 9: Managing Civil Society and Public Response and Expectations: Perspective from Indonesia

Mr Fabby Tumiwa
Executive Director
Institute for Essential Services Reform (IESR),
Indonesia (TBC)

16:15 – 17:00

Q and A

17:00 – 17:15

Closing Remarks

Associate Professor Mely Caballero-Anthony
Head, Centre for Non-Traditional Security Studies
RSIS, NTU

- End of Conference -