

Unregistered version, please register. [www.word-pdf-convert.com](http://www.word-pdf-convert.com)

# ***Regional Workshop on Volcanic, Seismic, and Tsunami Hazard Assessment Related to NPP Siting Activities and Requirements, June 13-17, Jakarta, Indonesia***

## ***Summary and Closing Remarks***

*Ovidiu Coman*

*Department of Nuclear Safety and Security*

**INTERNATIONAL SEISMIC SAFETY CENTRE, NSNI/IAEA**



**IAEA**

International Atomic Energy Agency



- In behalf of IAEA (ANSN and ISSC) I would like to express our appreciation to BAPETEN for hosting this event for ensuring excellent conditions and good organization arrangements.
- I would like to thanks to all participants:
  - supporting countries: Japan, Korea, USA
  - embarking countries: Indonesia, Malaysia, Philippine, Thailand and Vietnam
  - IAEA invited Experts
- for their valuable contribution to this successful event.



# Workshop Objectives

Unregistered version, please register. [www.word-pdf-convert.com](http://www.word-pdf-convert.com)

- **To present the safety aspects related to site selection and site evaluation for new NPPs as reflected in the IAEA Safety Standards.**
- **To illustrate the complexity, extend of investigations, current methodologies and assessment work that have to be carried out for site evaluation of nuclear power plants.**
- **To share the experience of supporting countries in relation to regulatory framework and industry practice in relation to site safety evaluation for NPPs**
- **To share information related to the actual status and challenges of the embarking countries in relation to site selection and site evaluation.**
- **To obtain feedback from embarking countries for further assistance from IAEA/ANSN/ISSC.**



# Summary

Unregistered version, please register. [www.word-pdf-convert.com](http://www.word-pdf-convert.com)

- **Over the last 4 days the IAEA ANSN-ISSC Regional Workshop addressed all important topics related to Site Survey Site Selection, Site Evaluation for Nuclear Installations as reflected in IAEA Safety Standards :**
  - **IAEA and Global Safety Regime**
  - **Site Evaluation Requirements**
  - **Site Selection,**
  - **Geology, Seismo-tectonic and Seismic Hazard**
  - **Tsunami Hazard**
  - **Volcanic Hazards**
  - **Geotechnical Hazards**
  - **Radiological Dispersion considering Population Distribution, Radiological Environmental Impact**
  - **Human Induced Events**
  - **Management and Site Preparation**



- **Supporting countries presented their experience:**
  - **Overview of Siting methodology against Tsunami and Seismic hazard in Japan**
  - **Geologic, Seismological and Geotechnical Engineering Review in Siting New US Nuclear Power Plants**
  - **The 2011 of Pacific Coast of Tohoku Earthquake/Tsunami and Damage to the NPPs**
  - **Regulatory Framework, Standards and Issues for Site Evaluation in Korea**
  - **Tectonic Hazard Evaluations for Korean Nuclear Sites**
  - **Tectonic Hazard Monitoring for Korean Nuclear Sites**



- **Embarking countries presented the current status of the country nuclear power programme and site selection:**
  - **Site Evaluation BAPETEN Current Status**
  - **Seismic and volcanic hazard consideration during NPP siting in Indonesia**
  - **Regulatory challenges in preparing regulations for new reactor siting: Malaysia experience**
  - **Current Status of Site Selection and Evaluation for NPP in Thailand**
  - **History of the NPP programme in Philippine**
  - **NPP programme in Vietnam**



- **Suggestions & comments received from the participants:**
  - **The workshop technical contents, quality of presentations is good and useful.**
  - **In future workshop/training activities include lessons learned from Fukushima event in relation to Site Selection and Site Evaluation for Nuclear Installations.**
  - **Communication with they public in relation to public acceptance of (new) NPPs**
  - **Specific training on Volcanic, Seismic and Tsunami Hazards (going in more technical details)**



# Closing Remarks

Unregistered version, please register. [www.word-pdf-convert.com](http://www.word-pdf-convert.com)

---

- **Feedback received from participants during the workshop is positive and will be considered in ANSN-STG.**
- **IAEA is expecting more feedback especially related to how knowledge and information received during this workshop is used by participants in their home institution/countries.**
- **The interactive and good discussions engaged after each presentation and at the end of each day shows that the workshop reached its objectives.**



# International Atomic Energy Agency

Unregistered version, please register. [www.word-pdf-convert.com](http://www.word-pdf-convert.com)



***Thank you for your attention***



**IAEA**