

Agenda

Asian Nuclear Safety Network (ANSN)

Regional Workshop on Site Evaluation for Small Modular Reactors (SMRs)

**Hosted by the
Government of China**

**Through the
Nuclear and radiation Safety Center (NSC)**

**Haikou, China
06 - 10 November 2023**

Ref. No.: EVT2205509

Objective and Scope

The objectives of the meeting are to enhance the understanding and competence of regulatory bodies and future operators with regard to site evaluation for SMRs as per IAEA safety standards and supporting documents, and member states practices.

The following workshop activities will be included to achieve the objective:

- SMRs vs Large Reactors siting and site characterization,
- Practical progress on SMR siting of Member States,
- Management of site evaluation activities for SMRs.

Participants:

Participants from Bangladesh, China, Indonesia, Malaysia, Thailand, Viet Nam, and, Republic of Korea,

IAEA team:

Ayhan Altinyollar (Nuclear Safety Officer, IAEA)
Mazhar Mahmood (Consultant, IAEA)
Kemal Onder Cetin (External Expert, Turkiye)

Monday, 6 November 2023		
09:00 – 09:30	Arrival & Registration	
09: 30 - 10:00	Opening, introduction of participants and experts adoption of agenda, group photo	All
10:00 – 10:30	IAEA External Events Safety Section Activates, IAEA Safety standards and supporting publications related to siting and site evaluation for nuclear installations	A.Altinyollar
10:30 - 11:00	Refreshment	
11:00- 12:00	Site Survey and Site Selection for Nuclear Installations, Safety Aspects: SSG-35, Hazard screening process prior to site selection for SMRs	M. Mahmood
12:00 - 12:30	Site safety evaluation process for regular NPPs	A.Altinyollar
12:30 - 14:00	Lunch Break	
14:00 - 14:30	Site evaluation for SMRs – graded approach from all aspects of site evaluation	M. Mahmood
14:30 – 15:30	Seismic hazard assessment, part 1	K. O. Cetin
15:30 - 16:00	Refreshment	
16:00- 17:00	Seismic hazard assessment, part 2	K. O. Cetin
Tuesday, 7 November 2023		
09:00 – 09:30	Meteorological hazards	A.Altinyollar
09:30 – 10:30	Hydrological hazards	M. Mahmood
10:30 - 11:00	Refreshment	
11:00 – 11:45	Hazards associated with human induced external events in site evaluation for nuclear installations	M. Mahmood
11:45 – 12:30	Safety Guide NS-G-3.6	M. Mahmood
12:30 - 14:00	Lunch Break	
14:00 - 15:30	Geotechnical aspects and geo-hazards, part 1	K. O. Cetin
15:30 - 16:00	Refreshment	
16:00 – 16:30	Geotechnical aspects and geo-hazards, part 2	K. O. Cetin
16:30 – 17:00	Radiological environmental impact assessment	A.Altinyollar

Wednesday, 8 November 2023		
08:30-11:00	From Haikou to Changjiang Nuclear Power Plant.	(By bus, arranged by China)
11:00-11:30	Visit the SMR model at the Popular Science exhibition of nuclear power plant	
11:30-12:00	Visit the SMR and PMR engineering sites.	(Viewing platform)
12:00-12:20	Group photo	
12:20-13:30	Lunch break.	
13:30-14:30	Country presentations: China	R. Pang J. Zhonghua
14:30-17:00	Return to Haikou from Changjiang Nuclear Power Plant.	(By bus, arranged by China)
Thursday, 9 November 2023		
09:00 – 10:00	Country presentation: Republic of Korea Site Safety Review on Seismological Characteristics	S. Park
09:00 – 10:30	Country presentations: Bangladesh	S. Sultana Snigdha
10:30 - 11:00	Refreshment	
11:00 – 11:30	Country presentation: Indonesia	T. S. A. Nugroho N. Siwhan
11:30 – 12:00	Country presentation: Malaysia	N. Mohd Said M. R. F. Rosdi
12:00 – 12:30	Country presentation: Thailand	S. Kanchanapatompon P. Boonsuwan
12:30 - 14:00	Lunch Break	
14:00 - 14:30	Country presentation: Viet Nam	H. Bui
14:30 – 15:30	Discussions	
15:30 - 16:00	Refreshment	
16:30 – 17:00	Summary of the day and discussions	
Friday, 10 November 2023		
09:00 – 10:30	ANSN Siting Topical Group (STG) meeting	Lead: S. Park
10:30 - 11:00	Refreshment	

11:00 – 12:00	Overall discussion, Q&A, summary and closure	All
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