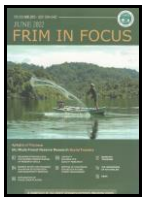
SENARAI PEROLEHAN BAHAN PERPUSTAKAAN NUKLEAR MALAYSIA
OGOS 2022

KOLEKSI BULLETIN/MAJALAH/JURNAL

BIL	KULIT	JUDUL/BAHAN	PENERBIT	KELUARAN/ISU				BIL/ NASKHAH
				VOL	ISU	BULAN	TAHUN	
1		FRIM in Focus	FRIM			Jun	2022	1
2		Dewan Ekonomi	Dewan Bahasa dan Pustaka		Bil. 8	Ogos	2022	2
3		Dewan Kosmik	Dewan Bahasa dan Pustaka		Bil. 8	Ogos	2022	2
4		Dewan Masyarakat	Dewan Bahasa dan Pustaka		Bil. 8	Ogos	2022	2
5		Dewan Tamadun Islam	Dewan Bahasa dan Pustaka		Bil. 8	Ogos	2022	2
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7		Reader's Digest	Reader's Digest Asia			August	2022	2

TERBITAN IAEA YANG TERKINI (OGOS 2022)

The IAEA is pleased to announce the publication of:

Nuclear Law Institute

A Collective View on a Decade of Capacity Building and Development in Nuclear Law

The Nuclear Law Institute (NLI) is one of the main activities within the IAEA's training programme on nuclear law and legislative drafting. With approximately 600 officials trained since 2011, the NLI has made a major contribution to the establishment and enhancement of adequate national nuclear legal frameworks in Member States. This publication is intended to provide information on the background, programme and methodology of the NLI, and its impact on Member States. Reflection on current topics, trends and developments in international and national nuclear law to which the NLI has contributed through the past decade is also included. The publication brings together contributions from NLI organizers, facilitators, lecturers and alumni.

STI/PUB/1962, 276 pp.; 8 figs, 2022; ISBN: 978-92-0-135021-3, English, 75.00 Euro

The electronic version for the above publication can be found below:

Nuclear Law Institute | IAEA

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Nuclear Reactor Technology Assessment for Near Term Deployment

IAEA Nuclear Energy Series No. NR-T-1.10 (Rev. 1)

This publication explains how a reactor technology assessment is performed and how the process and its results enable decision making for nuclear power planning and implementation at each of its phases. The methodology has been revised to incorporate developments since the first edition in 2013 and includes feedback from comprehensive training workshops offered for the last six years to Member States introducing nuclear power programmes. The aim of this publication is to help newcomer Member States to understand the complexity involved in the selection of the most suitable reactor technology as well as obligations and responsibilities integral to an unbiased assessment. The publication can also be used by countries that already have nuclear power programmes, to assist in their selection of the next nuclear power plant.

STI/PUB/2002, 164 pp.; 6 figs, 2022; ISBN: 978-92-0-121822-3, English, 46.00 Euro

The electronic version for the above publication can be found below:

Nuclear Reactor Technology Assessment for Near Term Deployment | IAEA

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Training and Human Resource Considerations for Nuclear Facility Decommissioning

IAEA Nuclear Energy Series No. NG-T-2.3 (Rev 1)

Recent decades have seen a significant increase in the number of decommissioning projects undertaken globally. Decommissioning technologies have advanced, driven by innovations in digitization and robotics, and the Systematic Approach to Training (SAT) methodology is now being applied to the decommissioning phase of all types of nuclear facilities. This publication provides practical information and examples of good practices in training personnel for decommissioning activities, based on Member States' experience, including guidance on the application of SAT methodology. The increasing use of digital and web-based tools to enhance competence development for implementation of decommissioning programmes is also discussed.

STI/PUB/1959, 84 pp.; 26 figs, 2022; ISBN: 978-92-0-126521-0, English, 38.00 Euro

The electronic version for the above publication can be found below:

Training and Human Resource Considerations for Nuclear Facility Decommissioning | IAEA

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Artificial Intelligence for Accelerating Nuclear Applications, Science and Technology

Artificial intelligence (AI) methods have had significant impacts in science and technology in recent years. These methods for generating models from datasets or logic-based algorithms that emulate aspects of human performance can similarly accelerate the fields of nuclear applications, science, and technology toward the IAEA goals of contributing to peace, health, and prosperity. This publication provides a review of the current state of the art, outlines challenges and identifies priorities for future AI activities in the nuclear field and the IAEA's role to support their accomplishment. The uses of AI in the fields of nuclear sciences and applications, nuclear power, nuclear safety and security and safeguards verification, are considered. There is also a dedicated chapter on ethics pertinent to AI in the nuclear field.
IAEA/ART/INT, 98 pp.; 1 fig, 2022; ISBN: 978-92-0-131522-9, English, 24.00 Euro

The electronic version for the above publication can be found below:

Artificial Intelligence for Accelerating Nuclear Applications, Science and Technology | IAEA

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