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Autore	Casale Giuseppe
Titolo	Labour administration and labour inspection in Asian countries : strategic approaches / / Giuseppe Casale and Alagandram Sivananthiram
Pubbl/distr/stampa	Geneva, Switzerland : , : International Labour Office, , 2015 ©2015
ISBN	92-2-128956-7
Descrizione fisica	1 online resource (101 p.)
Disciplina	620.8
Soggetti	Work environment - Asia Labor inspection - Asia Industrial relations - Asia Social responsibility of business - Asia Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	4. The main objectives of the labour inspection policy5. Institutional arrangements; 6. Strengthening the existing labour inspection structure at the central level; 7. Freeing labour inspectors from administrative duties; 8. Separating the functions of labour inspection from labour dispute resolution; 9. Enforcement strategy; a) The sanction approach; b) The compliance approach; 10. Type of inspection visits; a) Announced visits; b) Unannounced visits; c) Sustainable inspections; d) Self-inspections; 11. Prevention through effective labour inspections 12. Establishing a database/master register of enterprises13. Inspection planning; 14. Focus on poor working conditions; 15. Monitoring and control; 16. Management and operational procedures; 17. Cooperation with social partners; 18. Extending labour protection to the informal; 19. Knowledge management; 20. Media strategy; 21. Conclusion; 3. COOPERATION AND PARTNERSHIP; 1. Introduction; 2. Cooperation and partnership; 3. Conclusion; 4. THE ROLE OF PRIVATE INITIATIVES IN LABOUR INSPECTION; 1. Introduction; 2. Conceptual framework; 3. Singapore; 4. The Philippines; 5. The United Arab

Emirates
6. China7. Better work; 8. Consequences of non-compliance; 9. Conclusion; 5. LABOUR INSPECTION AND CHILD PROTECTION IN THE INFORMAL ECONOMY; 1. Introduction; 2. Child labour in the informal agricultural sector; 3. Prerequisites for effective labour inspection in the informal agricultural sector; a) Clear legislation; b) Political support; c) A single inspectorate; d) Clear priorities; e) Access to the informal economy; 4. The capacity building of labour inspectors in Thailand to deal with child labour; 5. The South-South cooperation between Brazil and East Timor on child labour
6. Child labour and labour inspection in the state of Bihar (India)7. Conclusion; 6. GOOD PRACTICES IN LABOUR INSPECTION IN ASEAN COUNTRIES; 1. Introduction; 2. ASEAN labour ministers meeting on labour inspection; 3. ASEAN Occupational Safety and Health Network; 4. Case study: Labour inspection trends in Singapore; a) The dual system; b) Preventive measures; c) Singapore Quality Award; d) Tripartism and social dialogue; 5. Case study: Labour inspection trends in Viet Nam; a) The role of the master plan in labour inspection strategy
b) An innovative way of organizing inspections: Improving the existing system of self-inspection

Sommario/riassunto

Current challenges brought about by globalization require that labour administrations in Asian countries put into practice well-coordinated and efficient administration systems, including effective labour inspection services. This book sets out the role, functions and organization of labour administration and inspection, highlighting best practices in these areas in a number of Asian countries. It gives a comprehensive overview of the recent changes in Asia and looks at the areas where there is an urgent need of improvement.

2. Record Nr. UNINA9910878066903321

Autore	Filipovic Nenad
Titolo	In Silico Clinical Trials for Cardiovascular Disease : A Finite Element and Machine Learning Approach / / edited by Nenad Filipovi
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031600449 9783031600432
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (431 pages)
Disciplina	573.1
Soggetti	Cardiovascular system Physiology Machine learning Artificial intelligence Drug delivery systems Cardiovascular Physiology Machine Learning Artificial Intelligence Drug Delivery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1 - Heart physiology and heart diseases, Djordje Jakovljevic, Nenad Filipovic -- Chapter 2 - Finite element modeling, Nenad Filipovic -- Chapter 3 - System biology modeling for drug optimization, Marko Zivanovic, Nenad Filipovic -- Chapter 4 - Artificial intelligence approach for medical image processing, Tijana Sustersic, Nenad Filipovic.-Chapter 5 - Pharmacokinetic and AI modeling, Lazar Velicki, Nenad Filipovic -- Chapter 6 - Molecular micro modeling of heart muscle, Momcilo Prodanovic, Nenad Filipovic -- Chapter 7 - Use case: Risk stratification of cardiomyopathy disease, Lazar Dasic, Nenad Filipovic -- Chapter 8 - Use case: Surrogate AI model for left ventricle modeling, Bogdan Milicevic, Nenad Filipovic -- Chapter 9 - Use case: Carotid artery plaque modeling, Andjela Blagojevic, Nenad Filipovic -- Chapter 10 - Use case: Stent deployment for coronary artery, Miljan

Milosevic, Nenad Filipovic -- Chapter 11 - Use case: Balloon deployment for peripheral arteries. Aleksandra Vulovic, Nenad Filipovic -- Chapter 12 - Use case: Aorta stenosis modeling, Smiljana Tomasevic, Nenad Filipovic -- Chapter 13 - Use case: Stent biodegradation modeling, Dalibor Nikolic, Nenad Filipovic.

Sommario/riassunto

This book covers in silico clinical trials of cardiovascular disease using a finite element and machine learning approach. Part I describes the fundamentals as well as the latest developments in the field: finite element modeling, system biology modeling for drug optimization, artificial intelligence approach for medical image processing, as well as pharmacokinetic and AI modeling. Part II provides use cases to describe how in silico clinical trials of cardiovascular disease are applied to specific cardiovascular diseases: carotid artery plaque modeling, aorta stenosis modeling, stent biodegradation modeling, surrogate AI model for left ventricle modeling, and more. This book is geared toward upper-level undergraduate and graduate students as well as for researchers in the domains of bioengineering, biomechanics, biomedical engineering and medicine.