



Why A 5th Edition?

Rationale for *ILO Encyclopaedia of Occupational Health and Safety*, 2009

****SAFEWORK** ILO Geneva**

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Encyclopaedia of Occupational Health and Safety - Wanadoo




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 **ENCYCLOPAEDIA
OF OCCUPATIONAL HEALTH AND SAFETY
Fourth Edition**

VOLUME I

[Preface to the Fourth Edition](#)

[Prefaces to previous editions](#)

[Foreword](#)

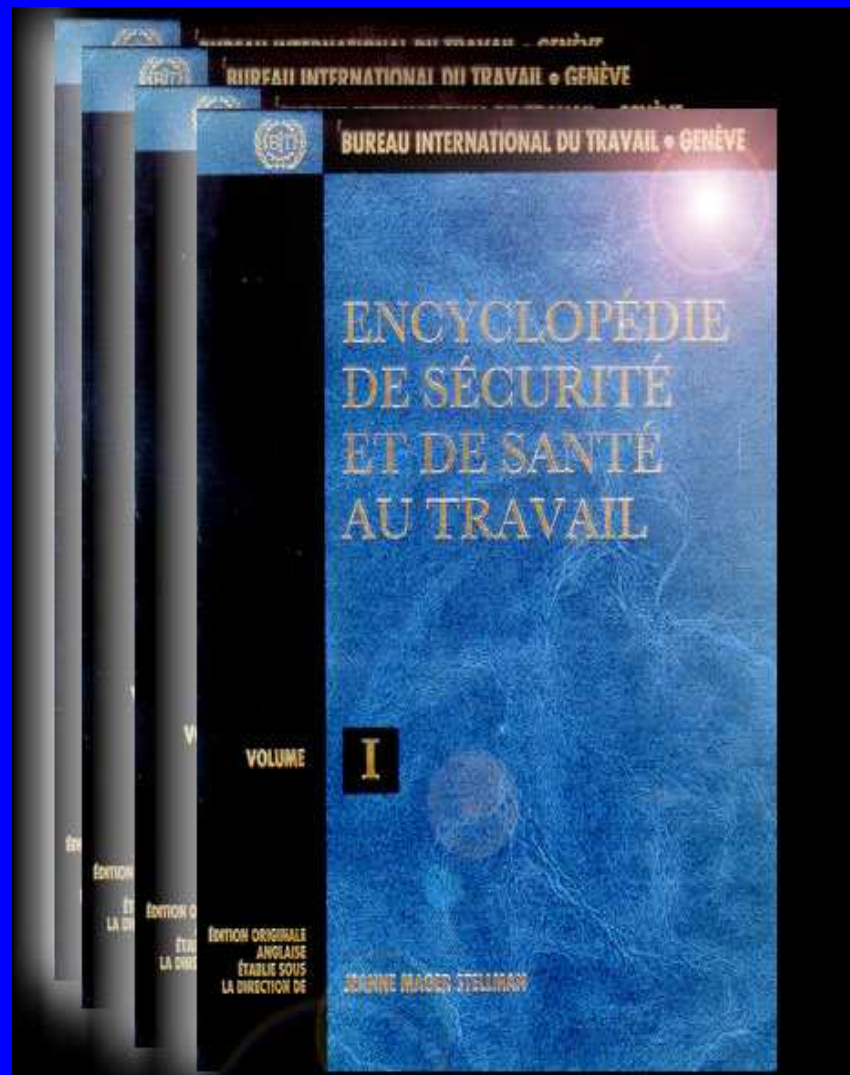
PART 1. THE BODY

- [1. Blood](#)
- [2. Cancer](#)
- [3. Cardiovascular System](#)
- [4. Digestive System](#)
- [5. Mental Health](#)
- [6. Musculoskeletal System](#)
- [7. Nervous System](#)
- [8. Renal-Urinary System](#)
- [9. Reproductive System](#)

Done Internet

is the centerpiece of the SafeWork Bookshelf, an authoritative source of on-line information on all aspects of the multidisciplinary field of occupational safety and health.

What is in the 4th Edition?



The Fourth Edition was produced with the collaboration of thousands of recognized experts from over 50 countries; the private and public sectors, academia and industry, labour and management, 1,000 articles, complemented by over 1,000 tables

Volume I

- The Body medical approach to disease and injury. Health Care provides information on health promotion and protection and occupational health services.
- Management and Policy addresses the ethical, legal and social policy aspects of the field of occupational safety and health such as educational, informational and institutional resources
- Tools and Approaches including epidemiology, ergonomics, occupational hygiene, statistics and toxicology.

Volume 2

- Psychosocial and Organizational Factors discusses job stress, job security, career development, prevention and interpersonal, individual and macro-organizational factors.
- General Hazards barometric pressure, biological hazards, heat and cold, hours of work, indoor air quality, noise, radiation and violence.
- The Environment hazards, policy & pollution control. Accidents and Safety
- Management provides information on hazard recognition, evaluation and control.

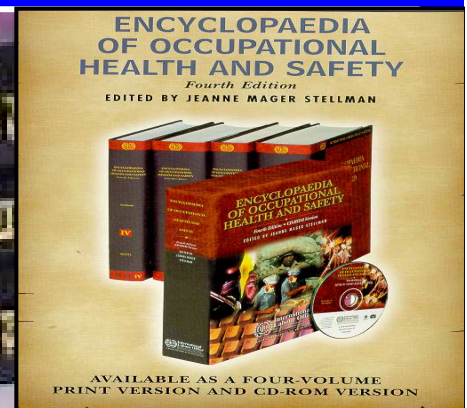
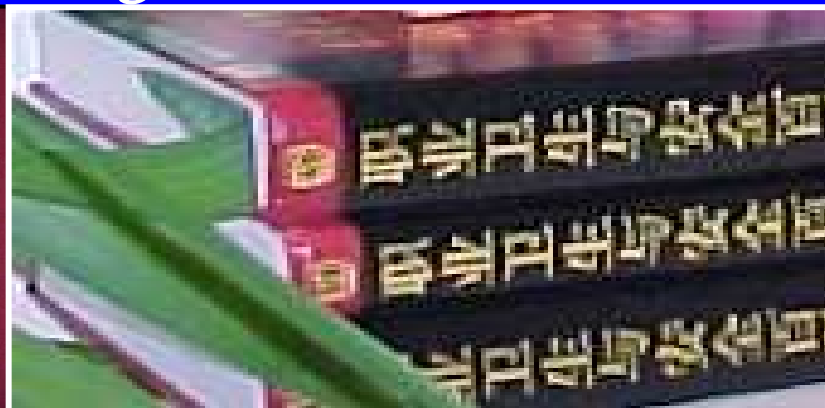
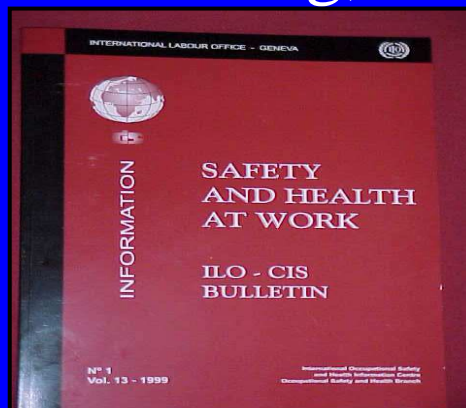
Volume 3

Chemicals safe handling and transport, minerals and agricultural chemicals & metals.

Industries Based on Biological Resources covers animal-related and farming industries, food and beverages, and wood-based products.

Mining, iron and steel, oil exploration & drilling and power generation.

clothing, textile goods, leather, fur & footwear.



Volume 3 (cont'd)

Transport Industries covers the manufacture and repair of transport vehicles.

Construction contains a chapter with sections covering health and safety, prevention and management;



Volume 4

- The Guide to Occupations provides samples of an innovative hazard-card system for presenting information on occupation and their related hazards. The Guide to Chemicals supplies information on over 2,000 chemicals.
- Physical and chemical properties and hazards are presented in hundreds of consistently organized tables. The Guide to Units and Abbreviations summarizes the international system of units of measurement and lists the abbreviations and acronyms used throughout the Encyclopaedia.

*The ILO Encyclopaedia of Occupational
Health and Safety
5th Edition Possibilities...*

- There will be a new section in the 5th edition that will describe the biographies of major contributors to the field of OSH, starting with Pliny the Elder, Ramazzini and Dr Alice Hamilton (“Hall of Fame”). This section will not include people who are still alive.



5th Editon

Completely web based

- The 5th edition of the Encyclopaedia will be electronic.
- located on the ILO web site.
- Additionally, it will be distributed through CD-ROMs and servers outside the ILO (subject to agreement with outside information providers).
- The 5th edition will feature natural language search terms, such as: “Research to practice”



*The ILO Encyclopaedia of Occupational
Health and Safety
5th Edition Possibilites...*

- Look at this picture of our greatest heroine in osh, and you know why our field attracts millions of students each year!
- She's hot and everyone wants to be her friend, right? Even though....



Occupational Health
and Safety
is a
HUMAN RIGHT

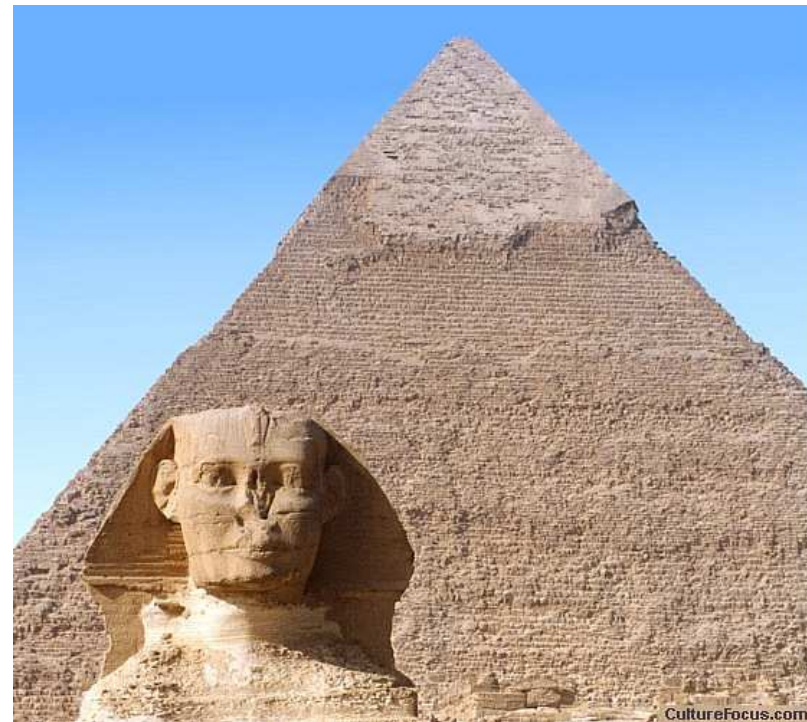
WORK,

- Society's long-established universal need for occupational health, and in turn, to protect health at work is as ubiquitous and perennial as civilization and the DNA of life itself.. We enjoy the fruits of many past civilizations today, as we draw upon their architecture such as the Pyramids, the Parthenon



Health

- ...and SURVIVAL
- Are inextricably linked
- No society lives without work
- No work without health
- Work health and survival have been inextricably linked throughout the millennial history of human civilizations.



AndSurvival

No society survives without work



Without work, society cannot survive, and no work can perpetuate society without health. No society has survived without producing things or having healthy people who serve a function in society. The Great Wall, literature and philosophies and ancient values touch even today our daily lives.

ILO Protects work



- 19th century goals
- Social justice through peace
- Fair working conditions promote competition by preventing race to the bottom



INTERNATIONAL STANDARDS

- NORMES
- 155 preventing harm at work by organizing national structures
- 187 Framework
- Decent Work Agenda

Subject specific standards

- Maritime
- Asbestos
- Maternity protection
- benzene

New Problems on the Horizon

- 2010 Draft Instrument Domestic Workers
- Nanotechnology
- Genetics and proteonomics in the workplace
- Avian Flu SARS bioterrorism

Work has changed—or— has it?



***NEW MISSION for
ILO in the heart of
Geneva***



Vibrant Counterpoise to Multinational enterprises that cannot be regulated by Any single government standing alone

- More countries need good education and training tools for best practices

Ten Thousand Expert Network

- Webcam
- Conferences
- Teleconferences
- World Congress on Safety and Health in Seoul
- Professional Society Meetings (ASSE)
- Government meetings NORA NIOSH

Encyclopaedia is Life's blood for ILO

- Stake out terrain in information age
- Vibrant voice
- Rebuild network
- Protect prestige in age of UN Reform and new IGOs and NGOs
- New voices having their say

Stakeholder Sponsors

- Every shape and form
- Country support
- Memorandum of Understanding with NIOSH (USA)
- Small businesses Digital 2000 Productions
- In house ILO Support CIS and
- Social partners from around the world

Why ILO Stakeholders Need the 5th Edition

- *Worker* training resource
- Employer *Best Practices* synthesized
- *Government* voice to counterpoise multinational employers who transcend the jurisdiction of any one nation and therefore cannot otherwise be tamed
- *New stakeholder voices* need a forum for having their say

How?



- 10 thousand Expert Goal
FLEXIBLE structure
- Credible Expert Challenge:
- Any credible expert who complains that a major subject has not been covered, can assemble a tripartite team to discuss that subject.
- Built-in regularly-scheduled updates

HOW Authors

- First time ever an outline
- Bricks in the pyramid...
- Guidance regarding use of footnotes hyperlinks
- We could probably download ten volumes in a few hours– **THiMking** not just writing
- Team approach
- Synthesize the best new data

How EDITORS

- First time ever
- THEME FOR A CHAPTER

Chapter Editors to write an introduction that will justify the life of the chapter for the reader

- Wiki and webcam to communicate better and faster between authors, editors and each other
- Create balance of law science policy hot issues within each chapter
- Outline consistent across chapters so the whole project is user friendly

HOW Peer Reviewers

- We need THOUSANDS of peer reviewers
- People who know alot and enjoy having their say so long as it is constructive
- Specific perameters for their comments
- Year 2 (2009) after we have the first draft of text

How? Steering Committee

- Volunteers from the best and the brightest
- International vision of research
- Global sense of changes in the field as well as the world
- Desire to outreach interdisciplinary
- Help recruit and publicize



Cost?

- Value of rejuvenated ILO network for reliable information for the 21st century:
- PRICELESS

- Travel for Expert conferences to rebuild network
- IT infrastructure that needs updating anyway
- Editor in Chief, minor normal overhead

Much of the resources supply exists, we simply need your participation!



International
Labour
Office



ILO Geneva Headquarters



Programme on Safety and Health at Work and the Environment

The ILO Encyclopaedia of Occupational Health and Safety

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