

The changing business of running a scientific journal - reflections on the SJWEH

Mikko Härmä, research professor, MD, PhD
Finnish Institute of Occupational Health

History

- No 1, Vol 1 published in 1975, EC Sven Hernberg, AE Markku Nurminen, TE Georgianna Oja
- The first co-editors were Axel Ahlmark, Nils Lundgren, Børge Fallentin and Tor Norseth




The screenshot shows the journal's website homepage. At the top is the journal's logo and name. Below it is a navigation bar with links: Home, Current issue, Past issues, For Authors, Subscriptions, About Us, and a search icon. The main content area features a large image of a worker in a blue uniform and hard hat, with the text 'CELEBRATING 50 YEARS OF RESEARCH!' and a welcome message. To the right of the image is a 'Submit your manuscript' button. Below the welcome message is a 'Subscribe to our newsletter' section with a text input field for an email and a 'Subscribe' button. Further down is a 'Journal Metrics' section with a table showing various metrics. At the bottom, there are links for 'Online first', 'Top-Cited Articles', and 'In focus: videos'.

The first papers of the first Journals

Nordisk Hygienisk Tidskrift

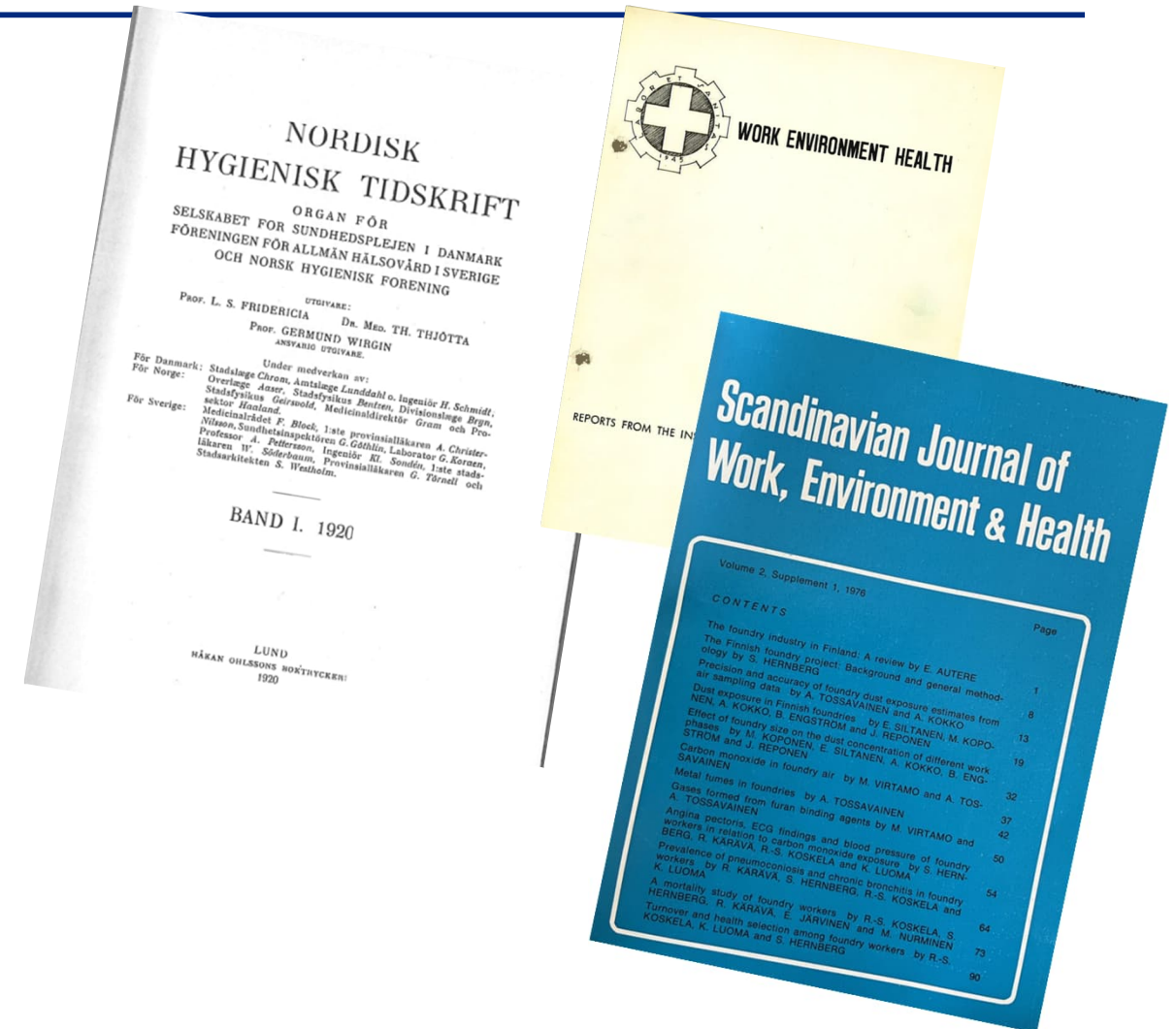
Aaser, E. Fenolmængden I difteriserum.
Nord Hyg T 1920;1(1):1-261-264

Work-Environment-Health

Noro et al. Air pollution and allergy
WEH 1962;1(1):2-15

Scandinavian Journal of Work, Environment & health

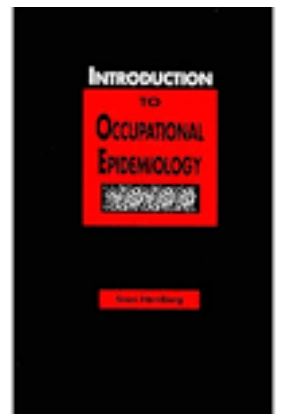
Seppäläinen A. Applications of neurophysiological
methods in occupational medicine. A review.
Scand J Work Environ Health. 1975;1(1):1-14



Professor Sven Hernberg 1934-2019



- Editor-in-Chief 1975-1999
- Occupational health physician
- Director of the Department of Epidemiology and Biostatistics
- FIOH Research Director 1974-1993
- ICOH president and vice-president for 18 years
 - E.g. Centennial Award 2006
- An excellent cook, tennis player and choir singer



History of SJWEH -1

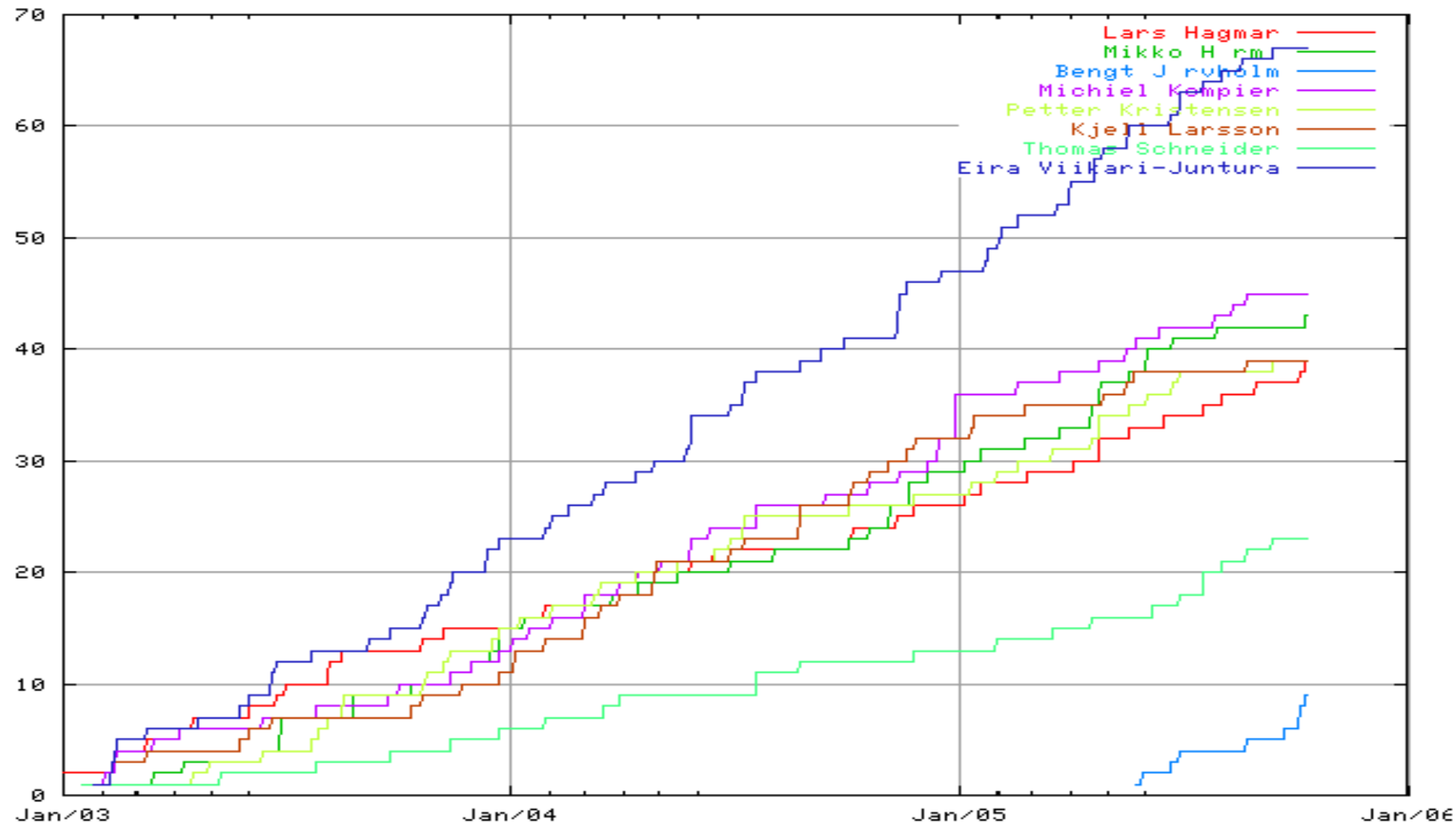
| Date | Event |
|------|--|
| 1920 | <i>Germund Wirgin</i> (Uppsala) started as the Editor-in-Chief of the Nordisk Hygienisk Tidskrift (NHT) |
| 1975 | <i>Sven Hernberg</i> founded the Journal, starting as its first Editor-in-Chief |
| 1983 | Transfer from 4 to 6 issues. The production of additional supplements becomes popular. |
| 1994 | <i>Mikko Härmä</i> started as the Associate Editor-in-Chief |
| 1995 | Journal format updated, new article categories initiated (like Opinion, News, Congress Reports). Editorials start. |
| 1999 | An active co-editor system was established. The manuscripts were distributed to Associated Editors in Jbase |
| 1999 | <i>Eira Viikari-Juntura</i> , <i>Petter Kristensen</i> , <i>Per Malmberg</i> , <i>Thomas Schneider</i> , and <i>Gunnar Aronson</i> start as Associate Editors |
| 2000 | Journal had established a clear and acknowledged international profile. It was distributed to 53 countries, 80% of the subscribers being outside Scandinavia. Impact factor start to increase. |
| 2000 | <i>Mikko Härmä</i> started as the Editor in Chief (2000-2020) and <i>Eira Viikari-Juntura</i> as the Associate Editor-in-Chief |
| 2000 | <i>Lars Hagmar</i> and <i>Michiel Kompier</i> started as Associate Editors |
| 2000 | Journal focus shifting more from clinical to psychosocial and musculoskeletal issues – emphasis on epidemiology stays |
| 2001 | Initiating the electronic version of the Journal |
| 2001 | <i>Kjell Larsson</i> started as Associate Editor |
| 2004 | A sister journal <i>SJWEH Supplements</i> was launched replacing the earlier supplements of the main Journal |



| | |
|--------|----|
| 1970's | 9 |
| 1980's | 22 |
| 1990's | 24 |
| 2000's | 11 |
| 2010's | 0 |

2004: *SJWEH* Supplements – *a sister Journal*

Cumulative load of Associate Editors 2003-2006



1. Eira Viikari-Juntura
2. Michiel Kompier
3. Mikko Härmä

Data produced by
Risto Toivonen. JBase

| | 2000 | 2001 | 2002 | 2003 | 2004 |
|-------------------------|-------|-------|-------|-------|-------|
| 1. SJWEH | 1.573 | 1.590 | 1.848 | 1.816 | 1.991 |
| 2. Occup Environ Med | 2.262 | 1.973 | 2.000 | 1.847 | 1.916 |
| 3. J Occup Environ Med | 1.251 | 1.452 | 1.811 | 1.472 | 1.784 |
| 4. Am J Ind Med | 1.277 | 1.305 | 1.670 | 1.542 | 1.617 |
| 5. Int J Hyg Envir Heal | | | | | 1.377 |
| 6. Ann Occup Hyg | 1.064 | 1.222 | 1.262 | 1.357 | 1.234 |
| 7. Int Arch Occ Env H | 0.928 | 0.924 | 1.352 | 1.388 | 1.292 |
| 8. Int J Occup Env Hea | | | | | 1.033 |
| 9. Occup Med Oxford | 0.531 | 0.533 | 0.604 | 0.693 | 1.007 |
| 10. Arch Environ Health | 1.613 | 1.398 | 0.853 | 0.878 | 0.913 |
| 12. J Occup Health | 0.892 | 0.935 | 1.067 | 1.047 | 0.791 |
| 12. Ind Health | | | | | 0.551 |

History of SJWEH -2

- 2006 Development of relevance (new focus areas, thematic issues and consensus reports) , speed (electronic submission and review) and accessibility (www.sjweh.fi, "online first").
- 2007 *Alex Burdorf, Bengt Järvholm, Antero Aitio, Göran Kecklund and Jos Verbeek* started as Associated Editors (AE)
- 2008 *Hannu Norppa* started as AE
- 2010 *Lisa O'Donoghue-Lindy* starts as the Managing Editor and *Jens-Peter Bonde* as the AE
- 2012 Journal starts its path towards OA, being first "hybrid" - around 50% of the articles were Open Access
- 2012 Administrative change: Nordic Association of Occupational Health and Safety becomes the publisher
- 2015 *Susanne Svendsen* started as the AE
- 2016 *Reiner Rugulies* started as the AE, and later (2019) as the Associate Editor-in-chief
- 2017 *Håkan Wallin, David Lombardi and Karin Broberg* started as AEs.
- 2018 *Hermann Burr, Carel Hulshof and Karl-Christian Nordby* started as AEs.
- 2019 *Cécile Boot, Paul Kuijter and Henrik Kolstad* started as AEs.
- 2020 *Alex Burdorf and Reiner Rugulies* start as the Editor-in-Chiefs of the Journal. Final decision to transfer to OA
Ida Elisabeth Huitfeldt Madsen, and Annina Ropponen started as AEs.
- 2021 Journal became fully open access



- 2006 - Work-related stress and health – risks, mechanisms and countermeasures
- 2009 - The economics of occupational safety & health – part I
- Gender and occupational Health
- 2010 - Shift Work & Health
- The economics of occupational safety & health – part II
- 2011 - Top-three winners of the 7th annual PREMUS best paper competition
- 2012 - Worktime control
- 2013 - Obesity in the occupational health context

Work-related stress and health: risks, mechanisms and countermeasures. Issue 6, 2006

Manuscripts in issue #6/2006

| | Ref # | Page(s) | Title | Author(s) |
|--------------------------|------------------------|---------|--|--------------------|
| <input type="checkbox"/> | 159/06 | 413-419 | Work-related stress and health: risks, mechanisms and countermeasures | Härmä M ... |
| <input type="checkbox"/> | 16/06 | 421-430 | New systems of work organization and workers health: current understanding and research challenges | Kompier M |
| <input type="checkbox"/> | 17/06 | 431-442 | Work stress in the etiology of coronary heart disease: Systematic review and meta-analysis of prospective cohort studies | Kivimäki M ... |
| <input type="checkbox"/> | 39/06 | 443-462 | Psychosocial Work Environment and mental health: a meta-analytic review | Stansfeld S ... |
| <input type="checkbox"/> | 35/06 | 463-472 | Game researchers play: Methodological issues in longitudinal occupational health research | Taris T ... |
| <input type="checkbox"/> | 45/06 | 473-481 | Work stress and health risk behavior | Siegrist J ... |
| <input type="checkbox"/> | 57/06 | 482-492 | Recovery as an explanatory mechanism in the relation between acute stress reactions and chronic health impairment | Geurts S ... |
| <input type="checkbox"/> | 67/06 | 493-501 | Psychosocial stress and impaired sleep | Åkerstedt T |
| <input type="checkbox"/> | 52/06 | 502-514 | Working hours: associations to work stress, recovery and health | Härmä M |
| <input type="checkbox"/> | 73/06 | 515-527 | Job Stress Interventions and the Organization of Work | Semmer N |

Update page numbers

Drop manuscript(s)

Reset

[Select new articles to issue](#)

- 1997 Asbestos, asbestosis, and cancer: the Helsinki criteria for diagnosis and attribution. *Tossavainen*
- 1999 Possibilities for regulatory actions in the prevention of musculoskeletal disorders. *Kilbom*
- 2001 Broadening the view of exposure assessment. Consensus report *Hagberg et al.*
- 2001 Airway allergy and worklife. *Malmberg*
- 2010 Developing guidelines for good practice in the economic evaluation of occupational safety and health interventions. *Tompa et al.*
- 2012 Work at night and breast cancer – report on evidence-based options for preventive actions. *Bonde et al.*
- 2015 Asbestos, asbestosis, and cancer, the Helsinki criteria for diagnosis and attribution 2014: recommendations. *Wolff et al.*

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 **Original article** [\[online first; 25 October 2016\]](#)  pdf

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Reeuwijk KG, van Klaveren D, van Rijn RM, Burdorf A, Robroek SJW

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Interventions to reduce sedentary behavior and increase physical activity... <https://t.co/...>

Efficient ways of increasing your chances of becoming rejected

1. Write a lengthy report
2. Present the objectives of the report in an unclear manner
3. Confuse what belongs in the Material and Methods section with what belongs in the Results
"Properties of the material (e.g. smoking habits, number of person years, age distribution) belong in the Materials and Methods sections and *not* in the Results. *Possible differences must never be tested for statistical significance!!!* Potential confounding is not a matter for significance testing.
Hence: *Never test for potential confounding* (For reference, see all major textbooks in epidemiology)"
4. Omit important details from the Material and Methods section
5. Combine elements of the Discussion with the Results
6. Introduce results for the first time in the Discussion or even give them only in the Abstract
7. Give your own, earlier published results once again in the Results section
8. Repeat the results in place of the Discussion
9. Refer to the literature in an unbalanced manner

What has not changed in our business?

We have always liked

- an innovative and high-quality paper- will be a cited publication in future systematic reviews
- catalyzes, supports, or enhances our understanding of the elements of good practical solutions and cost-effective interventions
- a systematic review or meta-analysis
- a consensus paper - can change the practice



The aim of *Scand J Work Environ Health* has always been to promote good and impactful research in the field of occupational and environmental health and safety and increase knowledge through scientific publication.