

CURRICULUM VITAE

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0. Personal data:

Date of Birth: 15 July 1944

Place of Birth: Lund, Sweden

Citizenship: Swedish

Marital Status: Married

1. EDUCATION

Army Officer's examination, 1967.

Master of Forestry, Royal College of Forestry, Sweden, 1971.

Special studies in informatics and economics at University of Stockholm, Sweden, 1972-73.

Doctor of Forestry, Royal College of Forestry, Sweden, 1975.

Professor, Swedish University of Agricultural Sciences, 1976.

2. POSITIONS

1971-1976 Project Leader, Department of Operational Efficiency, College of Forestry, Sweden.

Task: Development of a planning system to salvage windthrown forests.

1976-1982 Professor in Planning at the Department of Operational Efficiency, Faculty of Forestry, Swedish University for Agricultural Sciences. The terms of reference for the professorship was "Allocation of resources in time and space in the forest sector."

Task: To establish a new research group in the field of the professorship and to develop a package of new tools for various planning and analyses of the Swedish forest sector. A team of 7-8 scientists were involved in the research activities during this period.

1983-1984 Consultant to the Canadian Federal Government.

Task: To establish the Forest Economic Policy Analysis (FEPA) institute in Vancouver.

- 1985 Professor in Planning at the Department of Operational Efficiency and at the Institute Forest-Industry-Market Studies (SIMS), Swedish University of Agricultural Sciences.
- 1986 Principal Investigator of the Forest Study at the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria.
Task: To lead a project concerning future development of the forest resources of Europe (Western, Eastern and European part of the USSR).
- 1987-1989 Principal Investigator of the Forest Study at the International Institute for Applied Systems Analysis (research) and Professor in planning at the Swedish University of Agricultural Sciences (teaching).
- 1990 Principal Investigator of the Forest Study and Acting Leader of the Biosphere Dynamics Project at the International Institute for Applied Systems Analysis, Laxenburg, Austria.
- 1991-1992 Leader of Forest Resources and Waste Paper Recycling Projects, International Institute for Applied Systems Analysis, Laxenburg, Austria.
Tasks: To establish a large-scale study on the Siberian Forest Sector and to carry out a study on the environmental impacts of waste paper recycling in Europe.
- 1992-1994 Leader of the Forestry and Climate Change Project, International Institute for Applied Systems Analysis, Laxenburg, Austria.
Tasks: To carry out the Siberian Forest Study and conclude ongoing climate change research at the Institute.
- 1994-2009 Leader of the Forestry Program, International Institute for Applied Systems Analysis, Laxenburg, Austria.
- 1998-2002 Appointed Counselor to the Director, International Institute for Applied Systems Analysis, Laxenburg, Austria.
- 2001 (Oct) Appointed IUFRO Task Force Leader on Information and Communication Technology and the Forest Sector.
- 2002-2008 Deputy Director, International Institute for Applied Systems Analysis, Laxenburg, Austria and Leader of the Forestry Program.
- 2008 (May-Dec) Acting Director, International Institute for Applied Systems Analysis, Laxenburg, Austria.
- 2009 (Jan-Jun) Leader of the Forestry Program.
- July 2009 Retired from the International Institute for Applied Systems Analysis, Laxenburg, Austria; moved from Austria to Sweden
- 2010 Jan- CEO of Forest Sector Insights AB, Sweden – In this capacity, serving as independent adviser to industry, governments and environmental organizations on mainly transformation of the forest sector to a bio-industry and on transformation to a Green Economy.

3. ACADEMIC POSITIONS/AWARDS

- 1976: Appointed as Professor in Planning at the Department of Operational Efficiency, Swedish University of Agricultural Sciences.
- 1980: Offered the position as Professor in Forest Products at the Swedish University of Agricultural Sciences.
- 1984: Offered the position as Professor and as the first Director at the Center for International Trade in Forest Products, CINTRAFOR, University of Washington, USA.
- 1984: Declared competent for the Professorship of Harvesting and Transportation at the Swedish University of Agricultural Sciences.
- 1986: Received IUFRO's Scientific Achievement Award.
- 1987: Offered the position as Professor and as the first Director at the Institute for Silvicultural Studies in southern Sweden at the Swedish University of Agricultural Sciences.
- 1990: Elected as Working Member of the Royal Swedish Academy of Agriculture and Forestry, Sweden (Chair, Forest Sector Policies).
- 1990: Elected as Working Member of the Scientific Committee of Academia Istropolitana, Pressburg, Slovakia.
- 1994: Elected as Academician of the International Academy of Informatics, Moscow, Russia.
- 2008: Elected as Foreign Member of the Lithuanian Academy of Sciences.
Elected Fellow of Rights & Resources Initiative, Washington, DC.
- 2009 - Guest professor at International Institute for Applied Systems Analysis (IIASA), Vienna and still serving on this position
- 2013: Member of the Think Tank for International Forestry Issues (SIFI), Sweden.

4. OTHER PROFESSIONAL FUNCTIONS

- 1977: Consultant in Bangladesh for the Swedish International Development Agency concerning the forest sector and establishment of a new forest educational system.
- 1978: Commissioner to the Swedish Government on intensified silvicultural management in Sweden.
- 1978: Analyses of the forest industrial sectors of the ASEAN countries for UNDP/FAO.
- 1979: Development of mathematical forest increment models at University of Newcastle, UK.
- 1980: Established forest sector analysis at University of Agricultural Sciences in Norway.
- 1980: Commissioner to the Swedish University of Agricultural Sciences on a long-term strategic plan.

- 1982: Head of the Demand and Supply Group (Forest Products) at International Institute for Applied Systems Analysis, Laxenburg, Austria.
- 1982: Created and established the Institute Forest-Industry-Market Studies (SIMS), Swedish University of Agricultural Sciences.
- 1985: Commissioner to the Swedish Government concerning a long-term program for intensified research in Swedish forestry.
- 1985: Commissioner to the National Board of forestry in Sweden concerning intensified research in non-industrial forestry.
- 1985-1989: Consultant to FAO/ECE Timber Committee, Geneva concerning forest damage attributed to air pollution in Europe.
- 1990: Consultant to FAO/ECE Timber Committee, Geneva concerning forest damage and trade effects in Europe.
- 1990: Consultant to OECD, Paris concerning the global forest sector and environmental problems.
- 1990: Consultant to Procter and Gamble, USA and Germany concerning global fiber supply.
- 1991: Consultant to the World Bank, Mission on Forest sector development in Poland.
- 1993-1994: Consultant to the World Bank concerning environmental problems in Slovenia.
- 1994-1995: Lead Author Intergovernmental Panel on Climate Change.
- 1996-1998: Expert to the World Commission on Forests and Sustainable Development (WCFSD).
- 2005-2006: Lead Author Intergovernmental Panel on Climate Change.
- 2007: Among the network of scientists who shared the 2007 Nobel Peace Prize awarded to the IPCC.
- 2007: Organizer of IIASA's 35th Anniversary Conference on Global Development: Science and Policy for the Future.
- Spring 2009: Evaluator of the process of the Ministerial Conference on the Protection of Forests in Europe (MCPFE)
- Fall 2009: Consultant to FAO on Transformation of the Forest Sector to a Green Sector, XIII World Forestry Congress, Buenos Aires, Argentina
- 2010: Consultant to the International Council of Forest and Paper Associations (ICPFA) on transformation of the global forest sector
Consultant to FAO on Forest Sector Transformations
- Spring 2010
- 2015: Independent adviser to Forest Products Association of Canada and Canadian governments on transformation of the forest sector in Canada and leader of Biopathways Project
- 2011: Consultant to the German government on Contribution of Forests to a Green Economy

Served on the Advisory Group of Star Colibri Program – A collaboration initiative on bio-refineries, European Commission

Consultant to the Confederation of European Paper Industries (CEPI) for the development of Vision 2050 of the European Forest Industry

Consultant to the Government of Sabah, Borneo, Malaysia on Green Economy & Development: Engaging Business for Environment

Consultant to the Programme for the Endorsement of Forest Certification (PEFC) on Contribution of the Forest Sector in a Green Economy

2012 – 2013: Consultant to the Swedish All-Party Committee on Environmental Objectives (the Government) on developing a proposal on a new forest sector policy process in Sweden targeting a Green Economy

Consultant to Institute of Paper Science Technology, Georgia Tech, Atlanta GA, as independent advisor on transformation of the US forest sector

2013: Consultant to FAO on Global Demand and Supply of Wood

Independent adviser to the US forest industry on transformation of the US - forest sector (*ongoing*)

2013-2014: Consultant to Forest Trends, Washington DC, on Expansion of Agriculture and Associated Deforestation

2015: Consultant to Chatham House, London, UK on Tackling Illegal Logging and the Related Trade

Evaluator of the Swedish Bio-Innovation Program, the Swedish Innovation Agency Vinnova

In 2012-2013, as an independent advisor to the Swedish Parliament All-Party Committee on Environment, Nilsson had proposed the establishment of the National Forest Program. In 2015-2016 Nilsson was called by the Swedish Government to work with the implementation of the Program

2016: Consultant to GIZ, Germany on new development strategies for the forest sector of Georgia (Tbilisi)

Evaluator of the Swedish Bio-Innovation Program, The Swedish Innovation Agency, Vinnova

Consultant to IUFRO and SLU on global development scenarios

2017: Consultant to IUFRO and SLU on global development scenarios

Consultant to GFA, Germany on European forest sector labor market

2018: Adviser to the investment bank Swedfund with respect to development of the forest sector in Southeast Asia based on fast-growing plantations

Consultant to Ministry of Enterprise and Innovation and Forest Agency, Sweden on a diligence report of the Swedish Forest Sector

2019: Development of new strategy for AFoCO, Seoul with the objective to increase the cooperation on forestry and climate mitigation in the countries of Asia

Continuation as adviser to the investment bank Swedfund with respect to development of the forest sector in Southeast Asia based on fast-growing plantations

- 2020: Continuation as adviser to the investment bank Swedfund with respect to development of the forest sector in Southeast Asia based on fast-growing plantations
- 2021-22: Continuation as adviser to the investment bank Swedfund with respect to development of the forest sector in Southeast Asia based on fast-growing plantations
- Development of a framework for a new EU forest monitoring system on behalf of international ENGOs
- 2022: Consultant to UNECE, Geneva on 'SDG challenges for the forest sectors of the Boreal region'
- 2023: Continuation as adviser to the investment bank Swedfund with respect to development of the forest sector in Southeast Asia based on fast-growing plantations
- Adviser to the investment bank Swedfund with respect to plantation strategies in Zambia
- Consultant to the Swedish Environment Protection Agency concerning protection of forests in Sweden with high nature values

5. PUBLICATIONS

- Nilsson S (1971). Studies on Cross-Country Transport Distances and Road Net Extension in Madagascar. Royal College of Forestry, Stockholm, Sweden.
- Nilsson S (1972). Collection of and processing data from time studies. Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1972). Harvesting of windthrown forest - estimates on productivity. Research Report 56. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1972). Don't forget the accident rates when planning the logging of windthrown stands. *Skogen* No. 12 (in Swedish).
- Nilsson S (1973). Accident rates at logging of windthrown stands. *Sveriges Skogsvårdsförbunds Tidskrift* No. 1 (in Swedish).
- Nilsson S (1974). The planning process at simulated windthrows. Research Report 71. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1974). Quality changes of windthrown trees left in the stand. Research Report 72. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1974). Storing of processed wood from windthrown trees. Research Report 73. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1974). Damage caused by *Blastóphagus pinipérda* in stored pine wood. Research Report 74. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1974). Increment losses caused by *Blastóphagus pinipérda* on Scots Pine. Research Report 78. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1974). Damage caused by *Blastóphagus pinipérda* when storing unbarked wood from Scots pine. Research Report 33. Department of Forest Yield Research Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1975). Salvage of windthrown forest - a planning system. Research Report 84. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1975). Increment losses caused by insects in Sweden. *Skogen* No. 2 (in Swedish).
- Nilsson S (1975). Structure of the planning problems in the Swedish forest sector. Department of Operational Efficiency, Royal College of Forestry, Stockholm, Sweden (in Swedish).
- Nilsson S (1976). Forest Protection. (A further education-program carried out for 6,000 forestry professionals on forest management protecting the forests from insect attacks.) The Swedish Royal Board of Forestry, Jönköping, Sweden. (in Swedish).
- Nilsson S (1976). Rationalizations of Forest Operations Gives Rise to Insect Attack and Increment Losses. *Ambio* No. 1.
- Nilsson S (1976). Damage caused by *Blastóphagus pinipérda* hatched in stored pine wood at roadsides in Sweden 1974 and 1975. The Swedish National Board of Forestry, Jönköping, Sweden (in Swedish).

- Nilsson S (1976). The Flow of Wood from Stump to Industry. *Sveriges Skogsvårdsförbund*, Stockholm, Sweden (in Swedish).
- Nilsson S (1976). System Analyses and Forestry. Department of Operational Efficiency. Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1976). How to use system analysis in forestry. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1976). Information analyses and data processing. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Dehlen R, Björkhem V, Lundin L, Nilsson S, Olsson M and Regnander J (1977). Storage of pulpwood under water sprinkling – effects on insects and environment. Research Report 107. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1977). Examples of the Availability of wood within forestry with roadside delivery. Research Report 108. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Brunberg T and Nilsson S (1977). The flow of wood within a Forest Management District at changed harvesting policies. Research Report 110. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Larsson SG, Nilsson S and Norén S (1977). Forestry Education and Training in Bangladesh. Swedish International Development Agency, Stockholm, Sweden.
- Nilsson S (1977). Economic calculation in Swedish Forestry is not consistent. *Skogen* No. 3 (in Swedish).
- Nilsson S (1977). How to establish a good contact between practical forestry and research. *Skogen* No. 10 (in Swedish).
- Nilsson S (1978). Five year plan for research in reforestation in Sweden. Swedish University of Agricultural Sciences, Uppsala, Sweden (in Swedish).
- Granquist Å and Nilsson S (1978). Tree-length logging and central processing at the sawmills. Research Report 117. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1978). Models for projections of the market of forest industry products. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Arvidsson A, Johansson J, Nilsson S and Öberg S (1978). The importance of the spring thaw on the transport of wood within forestry. Research Report 123. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1978). Forestry for Employment Promotion. Aspects on Research Needs and Priorities. Keynote address at VIII World Forestry Congress in Jakarta, 1978. Food and Agriculture Organization of the United Nations (FAO), Rome, Italy.
- Nilsson S (1979). An alternative to the organization of integrated forestry and forest industries. *Skogen* No. 2 (in Swedish).
- Nilsson S (1979). Examples on the wood availability within large-scale forestry. Research Report 131. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).

- Nilsson S (1979). Planning of haulage and storage in integrated forestry and forest industries. An analysis by a linear programming model. Research Report 130. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Korsgaard S and Nilsson S (1979). Planning of harvesting in Forest owners Associations. Research Report 132. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1980). The Swedish Forest Sector under Transformation – A Study with the World Bank Model. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1980). The Economic Potential of the Forest Sector of Southern Sweden. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1980). Strategic choices with the aid of the World Bank Model. International Energy Agency (IEA), Vienna, Austria.
- Nilsson S (1980). Trends in the Development of the Swedish Forest Sector. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Nilsson S (1981). The Structure of the Swedish Forest Sector. *Sveriges Skogsvårdsförbunds Tidsbviift* No. 2 (in Swedish).
- Nilsson S (1981). The harvesting Incentives of Private Forest Owners and the Problems in the Forestry Cooperative. *Sveriges Skogsvårdsförbunds Tidskrift* No. 2 (in Swedish).
- Nilsson S (1981). The most important factor in the forest sector during the 1980's - the financial aspect. *Skogen* No. 6 (in Swedish).
- Andersson B, Carlsson M, Hjelm L, Nilsson S and Pettersson I (1981). Long-term plan for the Swedish University of Agricultural Sciences. Swedish University of Agricultural Sciences, Uppsala, Sweden (in Swedish).
- Nilsson S (1981). Defense of the long-term plan for the Swedish University of Agricultural Sciences. *Skogen* No. 9 (in Swedish).
- Nilsson S (1981). Forest sector models in Scandinavia - What we have and what we need in Sweden. Swedish University of Agricultural Sciences, Garpenberg, Sweden.
- Nilsson S (1982). Competitiveness of the Swedish Forest Industry. SDP, Stockholm, Sweden (in Swedish).
- Adams D, Baudin A and Nilsson S (1982). Considerations in Future Development of the IIASA Forest Sector Project: Model Structure, Product Demand Models, Product Category Definition, Geographical Aggregation and Data Availability. Working Paper WP-82-108. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Kirjasniemi M, Nilsson S, Uutela E and Veltkamp I (1982). Scenarios up to year 2000 about future demand and supply. Working Paper WP-82-118. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (1983). Distribution of qualities, diameters and lengths of softwood sawlogs in different regions of Sweden. Research Report 150. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Dehlén R, Liljeblad H and Nilsson S (1983). Description of a system for regional analyses of wood flow and utilization of forest raw materials. Research Report 153. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).

- Nilsson S (1983). The world around the Swedish forest industry - Cost development of forest raw materials and production in the USA. Research Report 161. Department of Operational Efficiency, Swedish University of Agricultural Sciences, Garpenberg, Sweden (in Swedish).
- Lönnstedt L, Nilsson S, Zackrisson U (1983). Problem Analyses of the Swedish Forest Sector. Research Report 2. University of Umeå and Swedish College of Forestry, Umeå, Sweden (in Swedish).
- Nilsson S (1983). Identification of major problems in the Canadian Forest Sector. University of British Columbia, Vancouver, BC, Canada.
- Nilsson S (1983). Analyses of Economically Accessible Timber Supply in Canada. University of British Columbia, Vancouver, BC, Canada.
- Nilsson S, Pearse P and Williams D (1983). The Forest Sector Analysis Project. An Analytical System for Investigating Economic and Policy Issues in Canada's Forest Sector. University of British Columbia, Vancouver, BC, Canada.
- Lee T, Lekawski E and Nilsson S (1983). Forest Sector Model for B.C. User's Guide. Forest Sector Analysis Project. University of British Columbia, Vancouver, BC, Canada.
- Lekawski, E. and Nilsson, S. (1984). Initial Policy Analysis with the TAMM System Forest Sector Analysis Project. University of British Columbia, Vancouver, BC, Canada.
- Lekawski E and Nilsson S (1984). Initial Policy Analysis with the Pulp and Paper System. Forest Sector Analysis Project. University of British Columbia, Vancouver, BC, Canada.
- Lekawski E and Nilsson S (1984). Strengths and Weaknesses of the Pulp and Paper System. Forest Sector Analyses Project. University of British Columbia, Vancouver, BC, Canada.
- Lekawski E, Nilsson S and Phelps S (1984). Strengths and Weaknesses of the TAMM System. Forest Sector Analyses Project. University of British Columbia, Vancouver, BC, Canada.
- Nilsson S (1984). Strengths and Weaknesses of the Forest Sector Model of BC Forest Sector Analysis Project. University of British Columbia, Vancouver, BC, Canada.
- Nilsson S (1984). Validation of the Database Used in the Forest Sector Model of British Columbia. Forest Sector Analysis Project, University of British Columbia, Vancouver, BC, Canada.
- Nilsson S (1985). BC Forest Sector Around Year 2000. Forest Sector Analysis Project, University of British Columbia, Vancouver, BC, Canada.
- Nilsson S (1985). Swedish forests in an international perspective. In: *A long-term program for research in Swedish forestry*. SJFR, Stockholm, Sweden (in Swedish).
- Hägglund B and Nilsson S (1985). The decision making in Swedish forestry. In: *A long-term program for research in Swedish forestry*. SJFR, Stockholm, Sweden (in Swedish).
- Nilsson S (1985). Economic consequences of pre-commercial thinning in order to avoid traffic accidents with wild animals. Department of Operational Efficiency, Swedish University of Agricultural Sciences and the National Board of Swedish Roads, Sweden (in Swedish).
- Nilsson S (1985). Substitution of Lumber. Swedish University of Agricultural Sciences, Uppsala, Sweden (in Swedish).
- Lönner G, Nilsson S and Nordwall H (1986). Structural Change of the Swedish Forest Sector at a Changed Energy Policy. The Swedish National Board of Energy, Stockholm, Sweden (in Swedish).

- Nilsson S (1986). Development and consequences of forest damage attributed to air pollutants and changes of climate: A Study Proposal. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Attebring J, Nilsson S and Sallnäs O (1987). Forest Study at IIASA - Experiences of Timber Assessment Studies for Europe. Expert meeting in Kotka, Finland. FAO/ECE, Geneva, Switzerland.
- Kairiukstis L, Nilsson S and Straszak A (eds.) (1987). Forest Decline and Reproduction: Regional and Global Consequences. Working Paper WP-87-75. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (1987). State-of-the-art report on the extent of forest decline attributed to air pollutants in Europe - Fall 1986. In: Kairiukstis L, Nilsson S and Straszak A (eds.) Forest Decline and Reproduction: Regional and Global Consequences. Working Paper WP-87-75. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (1987). A Critical Review of the GTM Developed at IIASA. A Swedish Viewpoint. CINTRAFOR, University of Washington, College of Forest Resources, Seattle, WA, USA.
- Nilsson S (1987). The Competitive Position of the Sawmilling Industry in Southern Sweden. Southern Swedish Lumber Export Association, Växjö, Sweden (in Swedish).
- Nilsson S (1987). Extent of Forest Damage Associated to Air Pollutants - with update for the 1986 conditions. FAO/ECE Timber Committee, Geneva, Switzerland.
- Nilsson S and Duinker PN (1987). Extent of forest decline in Europe: A synthesis of survey results. *Environment*, 29(9): 4-9, 30-31.
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- Nilsson S (1988). Factors affecting future investments in pulp capacity. Working Paper WP-88-75. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (1988). Forest decline attributed to air pollutants in Europe in 1987. FAO/ECE Timber Report 44. New York. USA.
- Nilsson S and Duinker PN (eds.) (1988). Remote Sensing of Forest Decline Attributed to Air Pollution. Electric Power Research Institute, Palo Alto, California.
- Attebring J, Nilsson S and Sallnäs O (1989). A Model for Long-Term Forecasting of Timber Yield - A description with special reference to the Forest Study at IIASA. *Syst. Anal. Model Simul.* 6, No. 3.
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- Nilsson S (1989). The Relation between Forests and the Greenhouse Effect. Institute Bancario San Paulo di Torino, Turin, Italy.
- Nilsson S (1989). Timber Assessment Study for Europe - Component of the Forestry Study at IIASA. In: Florio M (ed.) *Quantitative Analysis for Long-Term Planning of Natural Resources*. Franco Angeli Libn, Milan, Italy (in Italian).
- Nilsson S (1989). Future development of the European softwood lumber industry. Working Paper WP-89-11. International Institute for Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (1989). Forest decline attributed to air pollutants in Europe in 1988. FAO/ECE Timber Committee, Geneva, Switzerland.

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- Nilsson S (1990). Air Pollution and Policy Implications - Examples from the European Scene. Interdivisional Key Note Address, IUFRO XIX World Congress, Montreal, Canada.
- Nilsson S (1990). Timber assessment for Europe: Policy aspects of monitoring systems. In: *Global Natural Resource Monitoring and Assessments*. Food and Agriculture Organization of the United Nations (FAO), Rome, Italy.
- Nilsson S (1990). Implications of forest decline for the Polish Forest Sector. Committee for Polish Systems Analysis, Gdansk, Poland.
- Nilsson S (1990). Future development of tropical forest. *Oekologia*, Vienna, Austria.
- Nilsson S, Westerlund, A. and Zackrisson, U. (1990). Managing alternative forecasts. International Statistical Institute, Paris, France.
- Nilsson S (1991). Trends in the global consumption of hardwood fibres. *Skogsfakta* 15. Swedish University of Agricultural Sciences, Uppsala, Sweden (in Swedish).
- Nilsson S (1991). Forecasted Climate Change and Impacts on the Forest. In: *The Greenhouse Effect - Impact on Agriculture and Forestry*. Swedish University of Agricultural Sciences, Uppsala, Sweden (in Swedish).
- Nilsson S (1991). Forestry resources, forestry management and diaper fluff pulp vs other wood uses. International Institute of Applied Systems Analysis, Laxenburg, Austria.
- Nilsson S (ed.) (1991). *European Forest Decline: The Effects of Air Pollutants and Suggested Remedial Policies*. International Institute for Applied Systems Analysis, Laxenburg, Austria; Royal Swedish Academy of Agriculture and Forestry, Stockholm, Sweden; and InterAction Council, New York, USA.
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