

CURRICULUM VITA

Cornelis Folkert de Hoop

May 22, 2002

Office: (225) 578-4242

FAX: (225) 578-4251

Email: cdehoop@lsu.edu

FORMAL EDUCATION

DOCTOR OF PHILOSOPHY - Operations Research Applications to Forest Products. 1991. Texas A&M University.

MASTER OF BUSINESS ADMINISTRATION – 1983. Stephen F. Austin State University.

BACHELOR OF SCIENCE in FORESTRY – 1974. University of Kentucky.

RESEARCH INTERESTS

Worker accidents and safety, environmental aspects of wood products processing, wood residue utilization, operations research/expert systems/GIS applications to the forest products industry, and timber harvesting systems.

SUMMARY OF ACCOMPLISHMENTS

- * Research in worker safety, biomass energy and environmental applications to forest products.
- * Implementation of a geographic information system (GIS) for a state agency.
- * Expert system to diagnose electrical, mechanical and product-quality problems with veneer lathes.
- * Established an inventory control system at a sawmill; set depletion rate.
- * Supervised 15 workmen at double the bonus production with no accidents.
- * Administered 6 independent contractors. Mills kept supplied despite unusually adverse weather.
- * Investigated accidents and wrote Safety Alerts. Responsible for the safety of up to 50 individuals. Conducted about 50 safety meetings in industry.
- * Procured sawtimber and pulpwood. Budgets always met at competitive rates.
- * Reports on government sale methodology for industry lobbyists.
- * Marketed timber under competitive bids.
- * Overall coordination of data processing and telecommunications needs for a state agency.

PROFESSIONAL EXPERIENCE

1998- Pres. Associate Professor, Louisiana Forest Products Lab.
1992-1998 Assistant Professor, Louisiana Forest Products Lab.
1991-1992 Resource Evaluation & Technical Services Forester, Hawaii Div Forestry & Wildlife.
1980-1987 Audit & Security Forester, Procurement Forester, Safety Coordinator; Champion International Corp, Camden, TX.
1979-1980 Contract Logging Supervisor, Temple EasTex Forests, Silsbee & Diboll, TX.
1977-1978 Tackama Forest Products, Ltd., Fort Nelson, B.C., Canada.
1976-1977 Yukon Forest Products, Watson Lake, Yukon Territory, Canada.
1975-1976 Abitibi Paper Co., Thunder Bay, Ontario, Canada.
1974-1975 US Forest Service, London, KY.

COURSES TAUGHT

RNR 4034 - Procurement & Timber Harvesting, Fall
RNR 3038 - Field Studies in Timber Harvesting Spring
RNR 3004 - GIS/GPS/Aerial Photo Interpretation Fall

PROFESSIONAL ORGANIZATIONS

Forest Products Society
Society of American Foresters
Council on Forest Engineering
Louisiana Forestry Association
International Union of Forestry Research Organizations (IUFRO)

FOREIGN LANGUAGES

Dutch (fluent) German (fair) French (fair) Spanish (fair)

DESCRIPTION OF CURRENT POSITION

Associate/Assistant Professor – July 1992 to Present. Promoted to Associate Professor in April 1998.

Louisiana Forest Products Laboratory
School of Renewable Natural Resources
Louisiana Agricultural Experiment Station
Louisiana State University Agricultural Center
Baton Rouge, LA 70803-6202

Research (68%) –

Conduct the Safety & Environmental Research Program within the Louisiana Forest Products Laboratory.

Conducted research on worker accidents, woodyard stormwater runoff, biomass energy production/consumption, firelog development and GIS applications.

My strongest interests are with the topics of worker accidents/safety, general business applications, expert systems applications and GIS applications.

External and internal reviews of papers and proposals, including an EPA peer-review panel in Washington, DC, 1997.

Teaching (32%) –

Primarily teaching of timber harvesting and procurement.

Also conducted research on cut-to-length harvesting in southern pine plantations and wood supply by procurement zones.

Faculty advisor to Xi Sigma Pi (1994-98)

Faculty advisor to Forestry Club/Student Chapter SAF (1998 - present). Hosted Conclave 2000.

Successfully recruited students.

Teaching Merit Honor Roll, Gamma Sigma Delta, 1999.

Teaching Merit Honor Roll, Gamma Sigma Delta, 1997.

Teaching Merit Honor Roll, Gamma Sigma Delta, 2001.

Service –

Regularly give presentations at logger safety workshops.

Presentations at workshops of the Louisiana Forest Products Laboratory.

Visited industry; Responded to over 70 producer/clientele requests plus publication requests.

- Safety & Facility Committee, Chair (Safety Officer) – School of Forestry, Wildlife & Fisheries:
- 1994 - Present.
 - Department easily passed safety audit by state Office of Risk Management.
 - Building space issues.
 - Maintain files and database on vehicle driving authorizations, boating authorizations, safety meeting reports, safety inspections and vehicle safety inspections.
 - Coordinate HAZCOM program, safety rules and emergency preparedness plan.
- Teaching Quality and Recognition Committee (1997 - 2000) – College of Agriculture. Chair 1999-2000

PUBLICATIONS

Books and Monographs:

de Hoop, C.F., and M.S. Hughes. 2000 Louisiana Natural Resources Directory. Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center. Baton Rouge, LA. 23 pp.

de Hoop, C.F., W.R. Smith and J.T. Houston, Jr. 1999. Biomass Energy Resources of Louisiana. Research Information Sheet 102. Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center. Baton Rouge, La. 16 pp.

de Hoop, C.F., and M.S. Hughes. 1997 Louisiana Natural Resources Directory. Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center. Baton Rouge, LA. 19 pp.

Tennessee Valley Authority. The 1994 Directory of Biomass Sites in Louisiana. Tennessee Valley Authority, Southeastern Regional Biomass Energy Program, Muscle Shoals, AL. 205 pp. (authored by **de Hoop, C.F.**, S.R. Kleit and S.J. Chang).

Shorter Works:

PEER REVIEWED ARTICLES IN JOURNALS OF NATIONAL AND INTERNATIONAL REPUTATION
:

Smith, S., **C. de Hoop**, B. Marx and J. Pine. 1999. Logging injuries in Louisiana: nature, trends and rehabilitation considerations. *Journal of Work* 12(1999): 261-273.

de Hoop, C.F., D.A. Einsel, K.S. Ro, S. Chen, M.D. Gibson and G.A. Grozdits. 1998. Stormwater Runoff Quality of a Louisiana Log Storage and Handling Facility. *Journal of Environmental Science and Health - Part A: Toxic/Hazardous Substances & Environmental Engineering* A33(2):165-177.

de Hoop, C.F., S.R. Kleit and S. Chen. 1998. An Overview of Log Yards in Louisiana. *Forest Products Journal* 48(2):65-70 February.

Altunel¹, Arif Oguz, and **Cornelis F. de Hoop**. 1998. The Effect of Lowered Tire Pressure on a Log Truck Driver Seat. *Journal of Forest Engineering* 9(2):41-47. July.

de Hoop, Cornelis F., Susan R. Kleit, S. Joseph Chang, Rado Gazo and Michael Buchart. 1997. Survey and Mapping of Wood Residue Users and Producers in Louisiana. *Forest Products Journal* 47(3):31-37.

Pine, J.C., B.D. Marx and **C.F. de Hoop**. 1994. Characteristics of Workers' Compensation Injuries for

¹Graduate student.

Logging Operations in Louisiana: 1985-1990. *Southern Journal of Applied Forestry* 18(3):110-115.

de Hoop, Niels, Joseph G. Massey and Chuck McKinney. 1992. A Plywood Veneer Lathe Maintenance Expert System -- Development and Implementation. *Computers and Electronics in Agriculture* 7(1992):23-33.

de Hoop, Niels, and Joseph G. Massey. 1991. Modularization of Manufacturing Expert Systems for Fault Diagnosis. *In: G. Rzevski and R.A. Adey, ed. Applications of Artificial Intelligence in Engineering (VI)*. Elsevier Applied Science (Computational Mechanics Publication). Oxford, UK. July 2-4.

Massey, Joseph G., Robert C. Maggio, Deborah F. Cook, and **C. Niels deHoop**. 1990. Photographic Images in Expert Systems. *AI Applications in Natural Resource Management* 4(3):3-8.

Massey, J. G., R. Thompson and **N. de Hoop**. 1989. The Utility of Knowledge Based Systems to the Forest Products Industry. *Forest Products Journal* 39(11/12):37-40.

PUBLISHED PROCEEDINGS (not peer-reviewed):

Vidrine, C. G., **C.F. de Hoop** and B.L. Lanford. 1999. Assessment of site and stand disturbance from cut-to-length harvesting. *In: Proceedings of the Tenth Biennial Southern Silvicultural Research Conference*. USDA Forest Service Southern Research Station General Technical Report SRS-30, pp. 288-292.

de Hoop, C.F., J.C. Pine, B.D. Marx and C. Vellala. 1998. Injuries in Louisiana Logging: Nature and Costs. *In: Proceedings of the ergonomic papers and posters presented during the Xxth IUFRO World Congress*, August 6-12, 1995, Tampere, Finland, F.J. Staudt, ed. pp. 25-33.

Vidrine, Clyde G., **Cornelis F. de Hoop**, and Bobby L. Lanford. 1998. Assessment of Site and Stand Disturbance from CTL Harvesting. *In: Proceedings of the Council On Forest Engineering conference*, July 20-23, Portland, Oregon, Peter Schiess, Finn Krogstad, ed. COFE, Corvallis, Oregon. 8 pp.

Smith, W. Ramsay, and **Cornelis F. de Hoop**. 1998. Developing a Statewide Information Database from Wood and Agricultural Residues. *In: 1998 TAPPI Proceedings North American Nonwood Fiber Symposium*. February 17-18. TAPPI Press, Atlanta, GA. pp. 69-71.

de Hoop, Cornelis F., Kyoung S. Ro, David A. Einsel, Mark D. Gibson and George A. Grozdits. 1997. Maintaining Logyard Stormwater Quality at Minimal Cost. *In: Proceedings Council On Forest Engineering*, Rapid City, S.D., John J. Ball and Lawson W. Starnes, eds. USDA Forest Service & South Dakota State University. July 28-31. pp. 89-92.

Gazo², R., **C.F. de Hoop** and R.L. Beasley. 1996. Wood: Modeling Program for Furniture Production. *In: Proceedings of CIFAC '96 International Symposium*. High Point, North Carolina. Wood Machining Institute, Berkeley, CA. May 7-8. pp. 121-127.

de Hoop, C.F., S. Chen, S. Kleit, M.D. Gibson and G.A. Grozdits. 1995. Development of Control Measures for the Reduction of Pollutants in Stormwater Runoff from Log and Pulpwood Yards. *In: Proceedings Conference on Environmental Issues at the LSU Agricultural Center*. Baton Rouge, LA. July 24-25. pp. 95-98.

²Post-doctoral Researcher

de Hoop, C.F., J.C. Pine, B.D. Marx and C. Vellala. 1995. Cost of Logging Injuries to Loggers in Louisiana. *In: Hassan, A.E., J. Sherar and J. Swanner, eds.* 1995 Proceedings of the 18th Annual Meeting of the Council on Forest Engineering, Corvallis, OR. Pp. 251-255.

Kleit³, S., **C. de Hoop** and J. Chang. 1994. An Overview of Agriforestry Waste Production and Use in Louisiana. *In: Biomass Energy, Bioenergy '94, Sixth National Bioenergy Conference, Conference Proceedings, Volume 2.* pp. 573-580.

C. de Hoop, J. Pine and B. Marx. 1994. Injuries in Louisiana's Logging Woods, and What's Being Done About It. *In: Advanced Technology in Forest Operations: Applied Ecology in Action.* Council on Forest Engineering 17th Annual Meeting and International Union of Forestry Research Organizations Division 3: Forest Operations & Techniques Proceedings. Corvallis, OR. Pp. 99-108.

INVITED: **de Hoop, Cornelis F.**, J.C. Pine and B.D. Marx. 1993. Major Logging Injuries in Louisiana: Nature and Trends. American Society of Agricultural Engineers. 1993 International Winter Meeting. Chicago. December.

OTHER RESEARCH PUBLICATIONS:

Johnson⁴, W., L. Watkins, A. Covington, T. Antoon and **C.F. de Hoop**. 2000. A History of the Harvesting Practices Used in the Cypress Swamps of the Southern United States, 1700 to 1960. Working Paper #45, Louisiana Forest Products Laboratory; School of Forestry, Wildlife, & Fisheries; Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center, Baton Rouge, LA. December 1. 41 pp.

de Hoop, Cornelis F., John C. Pine, Brian D. Marx and Albert Lefort. 2000. Major Logging Injuries in Louisiana: Nature and Trends 1985-1998. Working Paper #44, Louisiana Forest Products Laboratory, Louisiana State University Agricultural Station. January 6. 13 pp.

de Hoop, Cornelis F. 2000. An Overview of Logging Safety Programs in the USA. Working Paper #43. Louisiana Forest Products Laboratory; School of Forestry, Wildlife, & Fisheries; Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center. 8 pp. Presented at the International Union of Forestry Research Organisations (IUFRO), 3.07 - Ergonomics, 9 August 2000, Kuala Lumpur, Malaysia.

Vidrine, Clyde G., **Cornelis F. de Hoop** and Bobby L. Lanford. 1998. Assessment of Site and Stand Disturbance from CTL Harvesting. Working Paper #23, Louisiana Forest Products Laboratory; School of Forestry, Wildlife & Fisheries; Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center. January 16. 17 pp.

de Hoop, Cornelis F., John C. Pine and Brian D. Marx. 1997. Major Logging Injuries in Louisiana: Nature and Trends 1985-1992, with some comments through 1995. Working Paper #16, Louisiana Forest Products Laboratory, Louisiana State University Agricultural Station. January 6. 13 pp.

Edited books with scholarly introductions or notes by editor:

de Hoop, Cornelis F. and Clyde M. Todd, Jr., (compilers). 1997. Louisiana Logging Safety Manual, 2nd ed. (1st ed. 1993). Louisiana Logging Council and Louisiana Forestry Association. Alexandria, LA. 253 pp.

³Research Associate

⁴Undergraduate students

Recordings:

VIDEO FOR PUBLIC DISTRIBUTION:

Rollason, S., **C. de Hoop** and J. Doucet. Narrated by John Tarver. 1994. *A Tree I See: the Story of the Forest Products Industry in Louisiana*. Louisiana Agricultural Experiment Station, Communications Department. Baton Rouge, LA. 29 minutes. November.

Miscellaneous:

THESES/DISSERTATIONS DIRECTED:

Lefort, Albert. MS, 2001. *Classification of Injuries in the Forest Products Industry: 1986 to 1998*. Louisiana State University.

Houston, James Thelton II. MS, 1999. *The Development of a Firelog with Improved Air Emissions*. Louisiana State University.

Altunel, Arif Oguz. MS, 1996. *The Effects of Lowered Tire Pressure on Performances of Forest Product Transportation Vehicles*. Louisiana State University.

POPULAR ARTICLES:

DeHoop, Niels, Michael Dunn, Todd Shupe, Ramsay Smith, Richard Vlosky and Qinglin Wu. 2002 (In Press). "Value Added Forest Products in Louisiana: Current Status and Opportunities for Growth." Louisiana Agriculture.

de Hoop, C.F. 2002. Accident Analysis Impact in Louisiana's Logging Industry: 1985-2001. Research Brief # 30, Louisiana Forest Products Laboratory, Louisiana State University Agricultural Center, Baton Rouge, LA. 2pp.

de Hoop, C.F. 2002. Accident Analysis Helps Save Lives in Louisiana's Logging Industry. Louisiana Forest Products Laboratory Newsletter, Spring 2002. P. 3.

de Hoop, C.F. 2002. Accident Analysis Helps Save Lives in Louisiana's Logging Industry. Impact statement for LSU Ag Center. 1p.

de Hoop, C.F. Submitted. OSHA's Strategic Partnership. The Louisiana Logger. Louisiana Logging Council, Alexandria, LA.

de Hoop, C.F. 2001. Unavoidable Accident?. The Louisiana Logger 6(4):16. Louisiana Logging Council, Alexandria, LA.

de Hoop, C.F. 2001. Knowledge of Accidents is Crucial in Prevention. The Louisiana Logger 6(3):17. Louisiana Logging Council, Alexandria, LA.

de Hoop, C.F. 2001. Local OSHA Officers Receive Training in Logging Inspections. The Louisiana Logger 6(3)12-13. Louisiana Logging Council, Alexandria, LA.

de Hoop, C.F. 2000. Logging Capacity Study Newsletter. Louisiana Forest Products Laboratory. Baton

Rouge, LA. 1(1). 2 pp.

de Hoop, Cornelis F., and Albert Lefort. 2000. Logging Accidents in Louisiana 1998-1999. The Louisiana Logger 5(2):15. Louisiana Logging Council, Alexandria, LA.

de Hoop, Cornelis F., John C. Pine and Brian D. Marx. 1997. What's Being Done About Logging Accidents in Louisiana? Louisiana Agriculture 40(2)22-24.

de Hoop, Niels., Shulin Chen and Bruce C. Alt. 1997. An Overview of Log Yards in Louisiana. American Pulpwood Association Technical Release 97-R-11. 2 pp.

de Hoop, Cornelis F. 1996. Softwood Plywood Manufacturing in Louisiana. Fact Sheet # 6, Louisiana Forest Products Laboratory. Baton Rouge, LA. 2 pp.

de Hoop, Cornelis F. 1996. Chip-N-Saw Mills in Louisiana. Fact Sheet #5, Louisiana Forest Products Laboratory. Baton Rouge, LA. 2 pp.

Kleit⁵, S., **C. de Hoop** and S.J. Chang. 1995. Survey Tracks Trends in Wood Waste Use. Modern Woodworking 7(2):33.

de Hoop, C.F. 2002. Workers' Compensation Injuries for Logging Operations in Louisiana: 1985_1990. Research Brief # 9, Louisiana Forest Products Laboratory, Louisiana State University Agricultural Center, Baton Rouge, LA. 2pp.

de Hoop, C.F. 2002. An Overview of Agriforestry Waste Production and Use in Louisiana. Research Brief # 8, Louisiana Forest Products Laboratory, Louisiana State University Agricultural Center, Baton Rouge, LA. 2pp.

de Hoop, C.F., J.C. Pine, B.D. Marx and B.C. Alt. 1994. Workers' Comp Injuries for Logging in Louisiana: 1985-90." American Pulpwood Association Technical Release 94-R-27. 2 pp.

de Hoop, Cornelis F., J.C. Pine and B.D. Marx. 1993. Louisiana Workers' Comp Study: Fewer Claims, Higher Premiums. Southern Loggin' Times 22(9):28,30,32,34.

Altman, James A., and **Niels de Hoop**. 1985. Field Mechanic Injured. American Pulpwood Association Safety Alert. 1 p. February.

Altman, James A., and **Niels de Hoop**. 1985. Supervisor Killed. American Pulpwood Association Safety Alert. 1 p. November.

13 additional articles in local newsletters (Louisiana Forest Products Lab & School of Forestry, Wildlife & Fisheries, Louisiana Society of American Foresters).

SOFTWARE DEVELOPMENT:

Scheidecker⁶, C.D., **C.F. de Hoop** and F.B. Ueltschi. 2001. GIS of the Dean Lee Memorial Forest. A geographic information system (GIS) for the 1200 acre teaching forest used to assist in forest management

⁵Research Associate

⁶Undergraduate Student

planning. Development May 1999 - January 2001, with continuing updates. Louisiana Forest Products Laboratory; School of Forestry, Wildlife, & Fisheries; College of Agriculture, Louisiana State University, Baton Rouge, LA.

Houston⁷, J.T.Jr., E. Haviarova, **C.F. de Hoop** and W.R. Smith. 1997. Biomass Energy Resources Database of Louisiana. Louisiana Forest Products Laboratory; School of Forestry, Wildlife, & Fisheries; Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center, Baton Rouge, LA.

Kleit⁸, S.R., and **C.F. de Hoop**. 1995. GIS of Biomass Supply and Demand for Energy in Louisiana. A computerized mapping database (GIS) to deliver quick answers to public inquiries concerning biomass energy -- locations, volumes, proximity to others, proximity to forest timber supplies, etc. Louisiana Forest Products Laboratory; School of Forestry, Wildlife, & Fisheries; Louisiana Agricultural Experiment Station, Louisiana State University Agricultural Center, Baton Rouge, LA.

de Hoop, C.F., and J.G. Massey. 1990. Lathe Expert System. A microcomputer-based diagnostic expert system for a hydraulic-digital controlled softwood veneer lathe. Sponsored by Champion International Corporation and the Texas Agricultural Experiment Station. User manual 68 pp. Developed 1988-1990. Forest Science Dept., Texas A&M University, College Station, TX.

Participation in Professional Meetings, Symposia, Workshops and Conferences:

(In addition to papers presented at conferences with published proceedings)

INVITED PRESENTATIONS:

de Hoop, C.F. 2001. Professional Ethics. Leadership Workshop. Louisiana Cooperative Extension Service. Alexandria, LA. August 14.

de Hoop, C.F. 2000. Overview of Current and Research Efforts in Stormwater Research. Presentation to a 15-member delegation of the Chinese State Forestry Administration. Baton Rouge, LA. December 18.

de Hoop, Niels. 1998. Mechanized Harvesting Practices. Tenth Annual Florida Parishes Forestry Forum. Hammond, LA. Feb. 28.

de Hoop, Cornelis F., and S. Joseph Chang. 1997. Why Regenerate? BMP's and Harvest Planning for Landowners Workshop. Louisiana Forestry Association. Hammond, LA. October 30.

de Hoop, Niels, J. Pine and B. Marx. 1997. A Study of Logging Accidents in La: Review of Types, Severity and Costs. Woodlands Safety Seminar, Pulp and Paper Safety Association. Shreveport, LA. September 30.

de Hoop, C., B. Lanford and C. Vidrine. 1997. Costs of a Ponsse Cut-to-Length Harvesting System in a First Thinning. Pineywoods Chapter of the Louisiana Soc. of Amer. Foresters. Zwolle, LA. April 24.

Smith, W.R., **C.F. de Hoop**, and M.E. Buchart. 1997. Developing a State-Wide Information Database on Biomass Energy From Wood and Agricultural Residues. Forest Products Society Annual Meeting (Vancouver, BC), Madison, WI. June 24.

de Hoop, C.F. 1997. Timber Harvesting, Log Storage and Expert Systems. Presentation to a 22-member

⁷ Graduate students

⁸ Research Associate

delegation of Chinese Ministry of Forestry, Department of Production. Baton Rouge, LA. January 21.

de Hoop, C.F. 1996. Timber Harvesting Methods and Issues in the US Mid-South. Presentation to 4 executives of the Swedish forest products company, Södra. Baton Rouge, LA. November 19.

de Hoop, C., J. Pine and B. Marx. 1996. Reducing Injuries in Logging. South-Central Technical Division Spring Meeting, American Pulpwood Association. Auburn, AL. May 2.

de Hoop, C.F., J.C. Pine, B.D. Marx and C. Vellala. 1995. Cost of Major Injuries to Loggers in Louisiana, USA." International Union of Forestry Research Organizations XX World Congress. Tampere, Finland. August 10.

de Hoop, C.F. 1994. An Overview of How Timber is Acquired by Industry. Presentation to a 29-member Chinese Delegation of Timber Production, Distribution, and Market Management of Wood Industry. Baton Rouge, LA. December 10.

de Hoop, C. "Controlling the Production Environment." Production Problems and Quality Control in the Secondary Forest Products Industry. Feb. 3, Oct. 15 and 29, 1994 Baton Rouge, Ruston, and Lafayette, LA

de Hoop, C.F. 1994. "What Will Your Woods Look Like After Harvesting?" Sixth Annual Florida Parishes Forestry Forum. Hammond, LA. January 22.

de Hoop, C.F. 1993. Logging Injuries and Safety: Principles and Applications. AgrAbility Conference. Monroe, LA. July 27.

de Hoop, C.F. "Personal Protective Equipment." Timber Harvesting and Transportation Safety workshop; Sustainable Forestry Initiatives (SFI). Invited talks presented at the following locations (# attendees in ()):

February 26, 2002, Alexandria, LA (30)	April 30, 2002, Alexandria, LA (54)
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de Hoop, C.F., A.J. Lefort, S. Mills and G. Honaker. "Partnership Logging Accidents." OSHA Regulations Workshop; Sustainable Forestry Initiatives (SFI). Invited talks presented at the following locations (# attendees in ()):

February 21, 2001, Alexandria, LA (68)	November 7, 2001, Alexandria, LA (89)
November 8, 2001, Alexandria, LA (102)	February 26, 2002, Alexandria, LA (30)

This presentation is also available on the Louisiana Forest Products Lab's website, <http://www.rnr.lsu.edu/lfpl>.

de Hoop, C.F., J.C. Pine, B.D. Marx and A.J. Lefort.. "Logging Injuries in Louisiana: Nature, Trends and Costs: 1985-1998." OSHA Regulations Workshop; Sustainable Forestry Initiatives (SFI). Invited talks presented at the following locations (# attendees in ()):

November 30, 2000 Alexandria, LA (108)	February 21, 2001, Alexandria, LA (68)
November 7, 2001, Alexandria, LA (89)	November 8, 2001, Alexandria, LA (102)
February 26, 2002, Alexandria, LA (30)	

This presentation is also available on the Louisiana Forest Products Lab's website, <http://www.rnr.lsu.edu/lfpl>.

de Hoop, C.F., J. Pine and B. Marx. "Logging Injuries in Louisiana: Nature and Trends, 1985-1992." OSHA Regulations Workshop; Sustainable Forestry Initiatives (SFI) (# attendees in ()).

February 15, 1997	Ruston, LA	February 18, 1999	Alexandria, LA (77)
April 19, 1997	Alexandria, LA	September 16, 1999	Alexandria, LA (174)
June 21, 1997	Springhill, LA	December 9, 1999	Alexandria, LA (165)
September 20, 1997	Florien, LA	March 9, 2000	Alexandria, LA (70)
February 12, 1998	Alexandria, LA	April 13, 2000	Alexandria, LA (119)
September 17, 1998	Alexandria, LA	July 6, 2000	Alexandria, LA (70)

de Hoop, C.F., J. Pine and B. Marx. "Logging Injuries in Louisiana: Nature and Trends." and **de Hoop, C.F.** "OSHA Regulations for Loggers." Logging Safety Training Program, Louisiana Logging Council. Invited talks presented at the following locations:

Apr. 16, 1993	Alexandria, LA	Nov. 5, 1993	Mansfield, LA
June 18, 1993	DeRidder, LA	Dec. 3, 1993	Hammond, LA
July 16, 1993	Alexandria, LA	Jan. 14, 1994	Monroe, LA
July 30, 1993	DeRidder, LA	Feb. 11, 1994	Ruston, LA
Aug. 20, 1993	Winnfield, LA	June 10, 1994	Campti, LA
Oct. 15, 1993	Natchitoches, LA	July 22, 1994	Alexandria, LA
		Nov. 11, 1994	Campti, LA

The above were presented by myself. One each month around the state was presented by Louisiana Cooperative Extension Service foresters from March 1994 through March 1995.

de Hoop, Niels. 1990. PC Plus: a Lathe Expert System. Using Artificial Intelligence in the Forest Products Facility Environment - Tips, Tricks and Traps. Texas A&M University. College Station, TX. September 13.

Massey, Joseph G., and **Niels de Hoop.** 1987. Using Expert Systems in the Research Process. U.S. Forest Service. Washington, D.C. November 19.

EXHIBITS:

Lefort⁹, A.J., **C.F. de Hoop**, J.C. Pine and B.D. Marx. 2001. Characteristics of Injuries in the Logging Sector of the Forest Products Industry for Louisiana: 1986 to 1998. Poster presentation at the Council On Forest Engineering Annual Meeting, Snowshoe, West Virginia. July 16.

Dubroc¹⁰, J.P., **C.F. de Hoop** and W.R. Smith. 2000. An Economic Model for Firelog Manufacturing. Poster presentation at the Forest Products Society Annual Meeting, South Lake Tahoe, CA. June 20.

Houston¹¹, J.T, W.R. Smith, **C.F. de Hoop**, A.M. Sterling, C.-Y. Hse and M.E. Buchart. 1999. The Development of a Firelog Utilizing Soybean Wax with Wood and Agricultural Waste. Poster presentation at the Forest Products Society Annual Meeting, Boise, Idaho. June 28.

Houston¹², J.T., **C.F. de Hoop**, W. R. Smith, A.M. Sterling, C.-Y. Hse and M.E. Buchart. 1998. The

⁹ Graduate Student

¹⁰ Graduate Student

¹¹ Graduate Student

¹² Graduate Student

Development of a Firelog with Reduced Air Emissions. Poster presentation at the Forest Products Society Annual Meeting, Merida, Mexico. June 23. This poster was also presented at the Council On Forest Engineering annual meeting, Portland, Oregon. July 21.

Houston¹³, J.T., **C.F. de Hoop**, W. R. Smith, E. Haviarova and M.E. Buchart. 1998. Biomass Energy Resources in Louisiana. Poster presentation at the Forest Products Society Annual Meeting, Merida, Mexico. June 23.

de Hoop, C.F., E. Haviarova, S.R. Kleit, K.S. Ro and D.A. Einsel. 1996. A Profile of Log Yards in Louisiana." Council on Forest Engineering Annual Meeting, Marquette, MI, July 31.

Haviarova¹⁴, E., and **C.F. de Hoop**. 1996. Application of Alternative Natural Materials in Furniture Production. Poster presentation at the Forest Products Society Mid-South Section Annual Meeting, Nashville, TN, May 14; Forest Products Society Annual Meeting, Minneapolis, MN, June 26; and entered in the student competition at the Society of Wood Science & Technology annual meeting, Minneapolis, MN, June 23.

de Hoop, C.F., J.C. Pine, B.D. Marx and C. Vellala. 1995. Cost of Major Injuries to Loggers in Louisiana, USA. International Union of Forestry Research Organizations XX World Congress. Tampere, Finland. August 6-12.

de Hoop, C.F., S.R. Kleit, S.J. Chang and M.E. Buchart. 1995. A Survey of Biomass Energy Users and Producers in Louisiana. Poster presentation at the Forest Products Society Annual Meeting. Portland, Oregon. June 28.

de Hoop, C.F., J.C. Pine, B.D. Marx and C. Vellala. 1994. Injuries in Louisiana Logging: Nature and Costs. Poster presentation at the Forest Products Society Annual Meeting. Portland, Maine. June 29.

de Hoop, C. F., and Joseph G. Massey. 1989. An Expert System to Diagnose Problems with the Southern Pine Veneer Lathe. Poster presentation at the Forest Products Research Society Annual Meeting. Reno, Nevada. June 27.

PROPOSALS FUNDED:

Grantor: USDA Forest Service / Louisiana Dept. of Agriculture & Forestry. 2001.
Title: Reduction of Forest Fuel Loading in Louisiana.
Funds: \$75,000 for 2 years.
Investigators: W. R. Smith and **C.F. de Hoop**.

Grantor: LSU Student Technology Fee Program. 2001.
Title: Enhancing Management of Natural Resources through GIS Technology.
Funds: \$75,633 for equipment purchase.
Authors: **C.F. de Hoop**, M. Chamberlain and S.J. Chang.

Grantor: Wood Supply Research Institute (WSRI) 2000.
Title: Causes and Costs of Unused Wood Production Capacity.

¹³ Graduate Student

¹⁴ Graduate Student

Vita: Cornelis F. de Hoop, P. 13

- Funds: \$250,000 for 2 years to 3 universities. \$46,200 to LSU Ag Center.
Investigators: W.D.Greene (GA), J.H. Mayo (GA), K. Boston (GA), **C. de Hoop**, A. Egan (ME).
- Grantor: Bradley/Murphy Forestry & Natural Resources Extension Trust (through Capital RC&D Council). 1999.
Title: Louisiana Natural Resources Directory.
Funds: \$2,000.
Investigators: **Cornelis F. de Hoop** and Alton James (Capital RC&D).
- Grantor: Advanced Geospatial & Environmental Services, Inc. (EPA & LA DEQ pass-through; in coordination with Baton Rouge Green). 1998.
Title: Forest Infrastructure Restoration for Sustainable Transformation (FIRST).
Funds: \$36,000. 2 years.
Researchers: **Cornelis F. de Hoop** and James E. Mitchell (LSU Institute for Environmental Studies).
- Grantor: Tennessee Valley Authority, Southeastern Regional Biomass Energy Program (SERBEP). 1998.
Title: Assessment of Air Emissions from Environmentally Friendly Firelogs From Agricultural and Wood Residues.
Funds: \$18,000. ½ Year.
Researchers: **Cornelis F. de Hoop**, W. Ramsay Smith and Arthur M. Sterling, in cooperation with Michael Buchart, Louisiana Department of Agriculture & Forestry.
- Grantor: Tennessee Valley Authority, Southeastern Regional Biomass Energy Program (SERBEP). 1997.
Title: Development of an Environmentally Friendly Firelog From Agricultural and Wood Residues.
Funds: \$22,500. 1 Year.
Researchers: W. Ramsay Smith and **Cornelis F. de Hoop**, in cooperation with Michael Buchart, Louisiana Department of Agriculture & Forestry.
- Grantor: Tennessee Valley Authority, Southeastern Regional Biomass Energy Program (SERBEP). 1996.
Title: Biomass Energy Resources in Louisiana.
Funds: \$20,000. 1 Year.
Researchers: W. Ramsay Smith and **Cornelis F. de Hoop**, in cooperation with Michael Buchart, Louisiana Department of Agriculture & Forestry.
- Grantor: Applied Industrial Materials Corporation (AIMCor), Texas City, TX. 1995.
Title: Wood Supply for a Chipping Facility at the Port of Greater Baton Rouge.
Funds: \$4,500. 6 months.
Researchers: W. Ramsay Smith, **Cornelis F. de Hoop** and Marc E. McDill.
- Grantor: Louisiana Department of Environmental Quality (EPA).
Title: Investigation into the Nature of Stormwater Runoff from Log Storage Facilities in Louisiana. 1995.
Funds: \$70,500 for 2 years.
Researchers: **C.F. de Hoop**, S. Chen, K. Ro (Civil & Environmental Engineering), M.D. Gibson and

G.A. Grozdits (LA Tech University, Forestry).

Grantor: Tennessee Valley Authority, Southeastern Regional Biomass Energy Program (SERBEP). 1993.
Title: Survey and Mapping of Biomass Energy Users and Producers in Louisiana.
Funds: \$55,000. 1 year.
Researchers: S. Joseph Chang and **Cornelis F. de Hoop**, in cooperation with Michael Buchart, Louisiana Department of Agriculture & Forestry.

Grantor: Louisiana Education Quality Support Fund (LEQSF — 8g). 1993.
Title: Multidisciplinary PhD Programs in Agriculture.
Funds: 12 fellowships requested; 2 funded at \$16,000/yr each.
Researchers: A committee headed by Dr. Kenneth Koonce, then Assistant Director of the LAES, and coordinated through the College of Agriculture. There were 4 subcommittees. Subcommittee for Resource Economics, Product Development and Marketing, consisted of: Al Shupp (Chair; Ag Econ), Billie Collier (Human Ecol.), Dave Hughes (LAES), Rich Kazmerizak (Ag Center), Jane Luzar (Ag Econ), **Niels de Hoop**, John Wells (Ag Econ) and Hector Zapata (Ag Econ).