

CURRICULUM VITAE

MARION NIPPER

1. PERSONAL

Born: October 5, 1955, São Paulo, SP, Brazil.

2. EDUCATION

Ph.D. in Biology, University of São Paulo, Institute of Biosciences, Department of Comparative Physiology, 1985.

M.S. in Biology, University of São Paulo, Institute of Biosciences, Department of Comparative Physiology, 1980.

B.S. in Biology, University of São Paulo, Institute of Biosciences, 1977.

Teaching Certification in Biology, University of São Paulo, Institute of Biosciences, 1977.

3. FIELDS OF SPECIAL COMPETENCE: Aquatic Ecotoxicology
Marine Ecotoxicology
Marine Pollution

4. COUNTRIES OF WORK EXPERIENCE AND LANGUAGES

Brazil
USA
New Zealand

Fluent in: Portuguese
English
Spanish
Good understanding of: German

5. MEMBERSHIP OF PROFESSIONAL SOCIETIES

Society of Environmental Toxicology and Chemistry
Australasian Society of Ecotoxicology

6. PROFESSIONAL POSITIONS

Senior Research Scientist, Center for Coastal Studies, Texas A&M University-Corpus Christi, TX, USA, October 1997-present, Adjunct Professor of Environmental Sciences, 2000-present, Core Member of PhD Faculty in the Coastal and Marine System Sciences Program, 2004-present, Research Associate with the Harte Research Institute for Gulf of Mexico Studies, August 2006-present.

Activities: Development of research projects for the assessment of biological impacts of contaminants on marine sediments and waters; preparation of proposals and reports; publication of scientific research in peer-reviewed journals; supervision of graduate students and membership in graduate committees; managing Editor and Science Editor of GulfBase (www.gulfbase.org); teacher of graduate course in Aquatic Ecotoxicology.

Environmental Scientist, NIWA - National Institute for Water and Atmospheric Research, Hamilton, New Zealand, 1994-1997.

Activities: Coordination of and participation in the following projects involving the development and application of water column and sediment toxicity tests with indigenous marine species, and establishment of QA/QC procedures for the ecotoxicology laboratory: ecotoxicological assessment of chronic effects of low levels of contaminants in marine and estuarine sediments, including the impact assessment of urban and rural stormwater runoff, of marina activities, of sewage disposal and industrial effluent discharges; assessment of the modes of action of contaminants in sediments, by conducting research estimating effects and chemical aspects of whole sediment and interstitial water; assessment of the efficiency of stormwater treatment systems by toxicity tests; development of standard toxicity test methods with New Zealand species for effluents discharged into marine and freshwater environments.

Adjunct Professor, University of São Paulo, SP, Brazil, 1989-present.

Activities: Teacher of several graduate courses, supervisor of M.S. and Ph.D. students, member of Ph.D. and M.S. committees.

Post-doctoral fellow, Southern California Coastal Water Research Project (SCCWRP), Long Beach, CA, USA, April 1987-May 1988 (with fellowship from CNPq - Brazilian National Council for Research and Technology, during paid leave of absence from CETESB - Company of Technology and Environmental Sanitation).

Activities: Development of acute and chronic sediment toxicity tests with benthic organisms and assessment of contaminated sediments from southern California; assisted in ecotoxicology and chemistry laboratory activities and in field trips.

Biologist, CETESB - Company of Technology and Environmental Sanitation, São Paulo, SP, Brazil, 1985-1993.

Activities: Participation and/or coordination of activities related to marine ecotoxicological research, including the development of toxicity test methods with regional species of crustaceans and echinoderms, marine water and sediment contamination assessment by the use of toxicity tests, industrial effluent toxicity assessment and disposal criteria, hazard assessment of oil spills through toxicity tests, registration of chemical oil dispersants for use in the field.

7. TEACHING EXPERIENCE

Marine Ecotoxicology: Instructor, 4-hour pre-conference course promoted by SETAC-Brazil (Society of Environmental Toxicology and Chemistry-Brazil), São Pedro, SP, Brazil, 2006.

Aquatic Ecotoxicology: Instructor, 3-credit course with the Ph.D. Program in Coastal and Marine System Science and Masters Program in Environmental Sciences, Texas A&M University-Corpus Christi, TX, USA, 2006.

Aquatic Ecotoxicology: Instructor, 2-credit course with the Graduate Program in Environmental Sciences, Texas A&M University-Corpus Christi, TX, USA, 2003, 2005.

Basic and Advanced Topics in Sediment Ecotoxicology: Instructor, 6-hour pre-conference course promoted by SETAC-Latin America (Society of Environmental Toxicology and Chemistry-Latin America), Vitória, ES, Brazil, 2002.

Toxicity Testing with Effluents: Instructor, 12-hour course promoted by FUNDESPA (Foundation for Aquatic Studies and Research) and ABES (Brazilian Association of Sanitary Engineering), São Paulo, SP, Brazil, 2000.

Ecotoxicological Evaluation of Marine Sediments: International coordinator and co-instructor, 8-credit course with the Graduate Program in Biological Oceanography, Oceanographic Institute of the University of São Paulo, São Paulo, SP, Brazil, taught in 1996 and 1998.

Toxicity Testing with Marine Organisms: Coordinator, 40-hour technical course, CETESB (Company of Technology and Environmental Sanitation), São Paulo, SP, Brazil, 1993.

Assessment of Sediment Contamination in Aquatic Ecosystems: Coordinator, 24-hour course promoted by CETESB (Company of Technology and Environmental Sanitation), São Paulo, SP, Brazil, 1993.

Approaches for the Study of Pollution Effects: Coordinator and co-instructor, 6-hour course promoted by the Federation of Societies for Experimental Biology, Caxambu, SP, Brazil, 1993.

Marine Ecotoxicology: Instructor, 8-credit course with the Graduate Program in Sciences for Environmental Engineering, Engineering School of the University of São Paulo, São Carlos, SP, Brazil, taught annually from 1990 through 1993.

Aquatic Toxicology: Coordinator and co-instructor, 4-credit course with the Graduate Program in Environmental Sanitation, Mackenzie University, São Paulo, SP, Brazil, taught annually from 1991 through 1993.

Methods for the Assessment of Toxicity of Pollutants to Aquatic Organisms: Co-instructor, CETESB (Company of Technology and Environmental Sanitation), São Paulo, SP, Brazil, taught annually from 1990 through 1993.

Biological Assays with Aquatic Organisms: Methods and Applications: Co-instructor, 4-credit course promoted by the Institute of Biosciences, University of São Paulo, and CETESB (Company of Technology and Environmental Sanitation), São Paulo, SP, Brazil, 1987.

Marine Biology and Aquaculture – I: Teaching Assistant, 8-credit undergraduate course, Physiology Department, Institute of Biosciences, University of São Paulo, São Paulo, SP, Brazil, 1978.

8. INVITED LECTURER IN COURSES AND OTHER TEACHING ACTIVITIES

Scientific and Technological Advances in Marine Ecotoxicology: Current Priorities: Invited lecture given at the Instituto de Pesca (Fisheries Institute), São Paulo, SP, Brazil, 2006.

Sediment Quality Assessment through Toxicity Tests: Invited lecture given in Espírito Santo, Brazil, to students and professors of the Federal University of Espírito Santo, members of the state's environmental agency, and environmental departments of pulp mills and steel industries, 2004.

Marine Ecotoxicology: Concepts and Applications: Invited lecture and laboratory demonstration given to the undergraduate Marine Ecology course, Texas A&M University-Corpus Christi, 2004-2007.

Environmental Chemistry and Ecotoxicology: What Do They Have To Do With Each Other? Invited lecture given in the Environmental Chemistry course of the Masters Program in Environmental Sciences, Texas A&M University-Corpus Christi, 2003.

Marine Ecotoxicology: Invited lecture given in the Environmental Chemistry course of the Masters Program in Environmental Sciences, Texas A&M University-Corpus Christi, 2000.

Student Mentor during the 27th Aquatic Toxicity Workshop, discussing career opportunities with graduate students. St. John's, Newfoundland, Canada, 2000.

An Introduction to Ecotoxicology: Invited lecture given in the Masters Program in Earth Sciences and Masters Course in Biology, University of Waikato, Hamilton, NZ, 1995.

Sediment Toxicity Tests: Methods Development and Applications: Invited lecture given in the Masters Program in Earth Sciences, University of Waikato, Hamilton, NZ, 1994.

Marine Ecotoxicology: Invited lecture given in the Masters Program in Biology, University of Waikato, Hamilton, NZ, 1994.

Marine Pollution: Invited lecture given in the specialization course on Environmental Health, College of Medicine, University of Campinas, SP, Brazil, 1993.

Toxicity Tests and their Applications in Marine and Estuarine Pollution Control: Invited lecture given in the graduate course on "Sciences of Environmental Engineering, Engineering School of São Carlos, SP, Brazil, 1992.

Use of Marine Organisms in Aquatic Toxicity Tests: Invited lecture given in the course "Topics in Aquatic Toxicology", promoted by the Association of Biologists of the State of São Paulo, São Paulo, SP, Brazil, 1991.

Marine Pollution: Consultant for planning of this undergraduate course at the Fundação Universidade do Rio Grande, Rio Grande, RS, Brazil, 1990. Also invited to give the lecture *Ecotoxicology in Brazil*.

Marine Ecotoxicology: Analysis of the Effects of Petroleum and Dispersants: Invited lecture given in the graduate course "Studies on the Effects of Stress and Pollution on Marine Animals", Institute of Biosciences, University of São Paulo, São Paulo, SP, Brazil, 1990.

Invited lecturer in the course *Advanced Marine Ecology*, Fundação Planeta Oceano, São Paulo, SP, Brazil, 1990.

Invited lecturer in the undergraduate course on *Biological Assays with Aquatic Organisms and their Applications for Pollution Control*, Institute of Biosciences, University of São Paulo, and CETESB, São Paulo, SP, Brazil, 1988-1993.

Consequences of Oil Spills to the Marine Environment: Invited lecture given in the course “Coastal Environment: Problems and Proposals”, Marine Biology Center, University of São Paulo, São Sebastião, SP, Brazil, 1987.

Feeding Mechanisms and Digestion: Invited lecture given in the pre-conference course “Cnidarian Biology”, offered during the XII Brazilian Meeting of Zoology, Campinas, SP, Brazil, 1985.

Feeding Mechanisms: Invited lecture given in the university extension course “Cnidarian Biology”, Zoology Department, Institute of Biosciences, University of São Paulo, São Paulo, SP, Brazil, 1984.

9. SUPERVISION OF GRADUATE STUDENTS AND PARTICIPATION IN COMMITTEES

Adjunct Professor with the Masters Program in Environmental Sciences, Texas A&M University-Corpus Christi.

Committee member:

Sarah McBee: 2003-present

Committee co-chair:

Anne Evans: 2004-2006

Thomas Wauhob: 2004-2006

Rachel W. Nelson: 2006

Adjunct Professor with the Graduate Program in Biological Oceanography, Oceanographic Institute of the University of São Paulo, São Paulo, SP, Brazil.

Co-chair of Ph.D. committee:

Tatiana Heid Furley: 2001-2006

Adjunct Professor with the Graduate Program in Sciences for Environmental Engineering, Engineering School of the University of São Paulo, São Carlos, SP, Brazil.

Chair of M.S. committees:

Cíntia Badaró-Pedroso, 1990-1993

Sonia Lopes Rezende de Melo, 1990-1993

Valéria Aparecida Prósperi, 1990-1993

Ademilson Josemar Zamboni, 1990-1993

Committee member and co-advisor:

Ph.D. Sonia Lopes Rezende de Melo: 1996-1999

Committee member for thesis defense:

M.S. Adriana Teresita Jorcín Delgado, 1993

M.S. Dalva Aparecida de Souza, 1993

Committee member for thesis and dissertation defenses with the Graduate Program in General Physiology, Biosciences Institute, University of São Paulo, São Paulo, SP, Brazil:

Ph.D. Claudia Blaszkovski de Jacobi, 1992

Ph.D. Elaine Figueiredo Albuquerque, 1992

M.S. Deborah Ismael Zalandauskas, 1990

10. FELLOWSHIPS AND GRANTS

The Cooperative Institute for Coastal and Estuarine Environmental Technology (CICEET),
NOAA and University of New Hampshire – 2005-2006

*Development of a Sediment Profile Imaging and Micro-sampling System (SPIMS) for Evaluating
Quality of Bedded Sediments*

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$207,490

Massachusetts Sea Grant – 2005-2006

A General Methodology for Evaluating Bed Sediments for Narcosis Toxicity

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$20,000

Undersea Research Program (NURP), NOAA – 2004-2005

Effects of Globally Transported African Dust to Caribbean Marine Ecosystems

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$68,375

Naval Facilities Engineering Services Center (NFESC) - 2003

*Environmental Effects of Ordnance Compounds and their Transformation Products in Coastal
Ecosystems*

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$185,000

Washington State Department of Ecology, Puget Sound Assessment and Monitoring Program
(PSAMP) – 2003

*Toxicity Testing of Sediments from the San Juan Islands, Strait of Juan de Fuca, and Admiralty
Inlet, Washington*

Principal Investigators - Drs. R. Scott Carr and Marion Nipper

\$40,000

Washington State Department of Ecology, Puget Sound Assessment and Monitoring Program
(PSAMP) - 2002

*Toxicity Testing of Sediments from the San Juan Islands, Strait of Juan de Fuca, and Admiralty
Inlet, Washington*

Principal Investigators - Drs. R. Scott Carr and Marion Nipper

\$36,000

U.S. Environmental Protection Agency (USEPA) Environmental Monitoring and Assessment
Program (EMAP), Washington State Department of Ecology – 2002

Toxicity Testing of Sediments from Intertidal Wetlands for the Washington Coastal EMAP

Principal Investigators - Drs. R. Scott Carr and Marion Nipper

\$36,000

Naval Facilities Engineering Services Center (NFESC) - 2001

Toxicity Testing of Bio- and Photo-degradation Products of Ordnance Compounds

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$300,000

CDM Federal Programs Corporation - 2001

Toxicity Testing and Chemical Analyses with Sediments from the Calcasieu Estuary, Louisiana

Principal Investigators - Drs. R. Scott Carr and Marion Nipper

\$765,375

Naval Facilities Engineering Services Center (NFESC) - 1999

Toxicity of Marine Sediments and Pore Waters spiked with Ordnance Compounds

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$132,000

Tetrattech, Inc. - 1999

Chemical and Toxicity Analyses with Sediments from Portsmouth Naval Shipyard, Kittery, ME

Principal Investigators - Drs. Marion Nipper and R. Scott Carr

\$87,300

Naval Facilities Engineering Services Center (NFESC) - 1998

Toxicity Testing with Ordnance Compounds and Sediment TIEs

Principal Investigators - Drs. R. Scott Carr and Marion Nipper

\$450,000

Ministry for the Environment, New Zealand - 1996 to 1998

Development of Toxicity Test Methods for Effluents discharged into Marine and Freshwater Environments

Principal Investigator - Dr. Marion Nipper

NZ\$300,000

Masters fellowship from the Research Support Foundation for the State of São Paulo (FAPESP) for student under my supervision - 1991 to 1993

Industrial Effluent Monitoring with Toxicity Tests using Marine Organisms

Principal Investigators - Dr. Marion Nipper and Valéria A. Prósperi

Masters fellowship from the Research Support Foundation for the State of São Paulo (FAPESP) for student under my supervision - 1991 to 1993

Water and Sediment Quality Assessment in São Sebastião Channel through Toxicity Tests with Lytechinus variegatus (Echinodermata: Echinoidea)

Principal Investigators - Dr. Marion Nipper and Ademilson J. Zamboni

Masters fellowship from the Brazilian National Research Council (CNPq) for student under my supervision - 1991 to 1993

Chronic Toxicity or Environmental Samples and Reference Chemicals to Mysidopsis juniae (Crustacea: Mysidacea)

Principal Investigators - Dr. Marion Nipper and Cíntia Badaró-Pedroso

Three specialization fellowships from CNPq for students under my supervision - 1989 to 1990

Development of Toxicity Tests with Autochthonous Marine Copepods, Mysids and Echinoderms

International post-doctoral fellowship from CNPq - 1987

Development of Acute and Chronic Sediment Toxicity Tests with Benthic Amphipods and their Application for the Establishment of Impact caused by Submarine Sewage Outfalls and Harbor Activities - Project conducted at the Southern California Coastal Water Research Project

Authority, Long Beach, California, USA.

Doctoral fellowship from CNPq - 1981 to 1985

Effect of Petroleum Hydrocarbons on the Development and Metabolism of Hydroid Colonies

Masters fellowship from FAPESP - 1979 to 1980

Effect of Environmental Factors - Salinity and Temperature - on the Development of Hydroid Colonies

11. PARTICIPATION IN NATIONAL AND INTERNATIONAL COMMITTEES

Review panelist for the National Science Foundation Graduate Research Fellowship Program, 2004.

Reviewer of the “Manual de Testes do IBAMA para Avaliação da Ecotoxicidade de Agentes Químicos (Manual of Tests from IBAMA – Brazilian Institute for the Environment and Renewable Natural Resources – for the Assessment of Ecotoxicity of Chemicals)”, 1993.

Reviewer for Environment Canada, for analysis of the Draft Documents from the Environmental Protection Series (EPS), 1992-present.

Reviewer with the “ASTM Sediment/Embryo Assay Task Group”, (American Society for Testing and Materials, USA), for the analysis of the Draft Document entitled “Sediment toxicity testing using mollusk or echinoderm embryos”, 1990-92.

12. INVITED MEETING PARTICIPANT

IX Congresso Brasileiro de Ecotoxicologia (9th Brazilian Congress of Ecotoxicology), São Pedro, SP, Brazil, July 2006.

Invited keynote lecture:

- Scientific and Technological Advances in Sediment Quality Assessment, by **M. Nipper**.

SETAC 26th Annual Meeting in North America, Baltimore, MD, November 2005.

Invited talk:

- Aquatic toxicity of ordnance compounds: an overview, by **M. Nipper** and R.S. Carr (talk given by M. Nipper).

Posters presented:

- Are we underestimating the toxicity of hydrophobic organic contaminants to marine organisms?, by A.L. Evans and **M. Nipper**
- Role of grain size on bioavailability of sediment-bound contaminants in Corpus Christi Bay, Texas, by T.J. Wauhob and **M. Nipper**
- Toxic effects of African dust in Caribbean waters, by R.S. Carr, **M. Nipper** and V. Garrison.

CICEET's New Investigator Workshop, Durham, New Hampshire, September 2005.

Invited talk:

- Sediment Profile Imaging and Micro-sampling System (SPIMS), by **M. Nipper** and R.S. Carr (talk given by M. Nipper).

SETAC 23rd Annual Meeting in North America, Salt Lake City, UT, November 2002.

Invited talks:

- Impact assessment of ordnance compounds in marine sediments: the role of biotransformation, by **M. Nipper**, R.S. Carr, J.M. Biedenbach, R.L. Hooten, B.T. Johnson and K. Miller ([talk given by M. Nipper](#)).
- Consequences of sunbathing under the influence of ordnance compounds, by R.S. Carr, **M. Nipper**, J. Biedenbach, R. Hooten and K. Miller (talk given by R.S. Carr).

VII Congresso Brasileiro de Ecotoxicologia e V Reunião da SETAC Latino-America (7th Brazilian Congress of Ecotoxicology and 5th Meeting of SETAC-Latin America), Vitória, ES, Brazil, October 2002.

Invited keynote lecture:

- Bio- and photo-degradation of contaminants in marine environments: implications to the biota, by **M. Nipper** and R.S. Carr ([talk given by M. Nipper](#)).

Twelfth Annual Meeting of the Science Advisory Group on Sediment Quality Assessment, Seattle, WA, June 2002.

Invited talks:

- SQGs, sunbathing, and microbes: Some pieces to add to the puzzle, by **M. Nipper**, R.S. Carr, J Biedenbach, R Hooten and B.T. Johnson ([talk given by M. Nipper](#)).
- Porewater toxicity testing studies in support of the Calcasieu BERA, by R.S. Carr, **M. Nipper**, J. Biedenbach and R. Hooten (talk given by R.S. Carr).

Workshop on Ecotoxicology of Energetic Materials, Columbia, MD, February 2002.

Invited talk:

- Assessment of environmental effects of ordnance compounds and their degradation products in coastal ecosystems, by **M. Nipper**, R.S. Carr and K. Miller ([talk given by M. Nipper](#)).

Calcasieu BERA Workshop, Dallas, TX, October 2001.

Invited talk:

- Porewater toxicity testing studies in support of the Calcasieu BERA, by R.S. Carr, **M. Nipper**, J. Biedenbach and R. Hooten (talk given by R.S. Carr).

Eleventh Annual Meeting of the Science Advisory Group on Sediment Quality Assessment, Monterey, CA, June 2001.

Invited talk:

- USGS/BEST studies in support of the EMAP western pilot study, by R.S. Carr, **M. Nipper**, S. Bay, B.S. Anderson and P. Montagna ([talk given by R.S. Carr](#)).

Environmental Protection Agency Technical Services Program, San Diego, CA, May 2001.

Invited talk:

- Toxicity studies with ordnance contaminated sediments, by R.S. Carr, **M. Nipper** and K. Miller (talk given by R.S. Carr).

27th Aquatic Toxicity Workshop, St. John's, Newfoundland, Canada, October 2000.

Invited talks:

- Ordnance compounds in marine sediments: are they a concern?, by **M. Nipper**, R.S. Carr, J. Biedenbach, R. Hooten and K. Miller ([talk given by M. Nipper](#)).
- What Can We Learn from Perplexing Sediment Quality Assessment Data?, by R.S. Carr and **M. Nipper** ([talk given by R.S. Carr](#)).

6º Encontro Brasileiro de Ecotoxicologia (6th Brazilian Meeting on Ecotoxicology), São Carlos, SP, Brazil, September 2000.

Invited keynote lecture:

- Toxicity tests with pore water: biological, chemical and ecological considerations, with a review of methods and applications, by **M. Nipper**.

Invited speaker and participant of panel discussion on “Use of toxicity testing in environmental monitoring programs: results and legal implications”.

Encontro sobre Impactos Ambientais Decorrentes de Atividades Petrolíferas (Meeting on Environmental Impacts as a Result of Petroleum Extraction and Processing Activities), Niterói, RJ, Brazil, September 2000.

Invited keynote lecture:

- Use of toxicity tests with sediment and pore water to monitor environmental impacts resulting from petroleum extraction and processing activities”, by M. Nipper and R.S. Carr (talk given by M. Nipper).

Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations Review of Methods and Applications and Recommendations for Future Areas of Research, Pensacola, Florida, USA, March 2000.

Steering committee member, and workgroup leader for discussions on “Marine and freshwater sediment porewater toxicity testing - methodological uncertainties, confounding factors and application of TIE procedures to pore water”.

Ecoforum on the State of Brazilian Aquatic Ecosystems: past, present and the future, Salvador, Bahia, Brazil, February 1999.

Invited keynote lecture:

- Approaches for coastal ecosystems health assessment, by **M. Nipper**.

5º Encontro Brasileiro de Ecotoxicologia (5th Brazilian Meeting on Ecotoxicology), Itajaí, Santa Catarina, Brazil, October 1998.

Invited keynote lecture:

- Marine sediment ecotoxicology, by **M. Nipper** and R.S. Carr (talk given by M. Nipper).

Aquatic Toxicity Workshop, Niagara Falls, Canada, October 1997.

Invited talk:

- Comprehensive comparison – porewater versus solid-phase tests, by **M. Nipper** and R. S. Carr (talk given by M. Nipper).

III Simpósio sobre Oceanografia – IOUSP, São Paulo, SP, Brazil December 1996.

Co-coordinator and instructor of 4-hour workshop:

- Toxic Impacts in the Marine Environment

Invited poster:

- Toxicity assessment of contaminated marine sediments: the New Zealand approach, by **M. Nipper**, D. Roper and S. Melo.

International Symposium on Environmental Chemistry and Toxicology, Sydney, Australia, in July 1996.

Invited to chair the session entitled "General Toxicity".

Papers presented:

- Predicting benthic impacts of contaminated sediments by applying chronic toxicity tests: is it realistic?, by **M. Nipper**, D.S. Roper, G. Mills, L. Van Dam, E.K. Williams and M.L. Martin (talk given by M. Nipper).
- Comparison of laboratory and *in-situ* sediment toxicity using an infaunal estuarine amphipod, by D.S. Roper, T.H. DeWitt, **M. Nipper**, C.W. Hickey, L. Van Dam, E.K. Williams and M.L. Martin (talk given by M. Nipper).

Second SETAC (Society of Environmental Toxicology and Chemistry) World Congress, Vancouver, BC, Canada, 1995.

Invited to co-chair the session entitled “Sediment Toxicity Testing Methodologies - An international Perspective”.

Paper presented:

- New Zealand sediment toxicity testing methodologies, by C.W. Hickey, D.S. Roper, **M. Nipper** and M.L. Martin (talk given by C. Hickey).

Invited posters:

- Marine toxicity test development with a New Zealand echinoid, by **M. Nipper**, D.S. Roper, M.L. Martin and E.K. Williams.
- Toxicity testing with a burrowing amphipod exposed to field collected sediments from South eastern Brazil, by S.L.R. Melo and **M. Nipper**.
- Some biological aspects of *Mysidopsis juniae* (Crustacea: Mysidacea) and its use in chronic toxicity tests, by C. Badaró-Pedroso and **M. Nipper**.
- Application of echinoid sperm and embryo bioassays for the pollution assessment of São Sebastião channel, Brazil, by A.J. Zamboni and **M. Nipper**.

Annual Meeting of the Federation of Societies for Experimental Biology, Caxambu, SP, Brazil, 1993.

Invited by the Brazilian Physiological Society to co-ordinate a course on “Approaches for the study of pollutant effects”.

Third Meeting of Biologists from the Biologists Regional Council-1, São Paulo, SP, Brazil, 1992.

Invited talk:

- Bioassays (in panel discussion about “Biologists and Industry”).

Meeting of PETROBRÁS with the community of São Sebastião and Ilhabela about the control of oil pollution in the sea, São Sebastião, SP, Brazil, 1991.

Invited keynote lecture:

- Effects of oil pollution in the sea, by **M. Nipper**.

II Symposium on Ecosystems of the Southern and South eastern Brazilian Coast: Structure, Function and Management, Lindóia, SP, Brazil, 1990.

Invited keynote lecture:

- Pollution problems in benthic organisms, by **M. Nipper**.

VI Brazilian Toxicology Meeting, São Paulo, SP, Brazil, 1989.

Invited talk:

- Toxicity testing with marine organisms: current situation in Brazil, by **M. Nipper**.

International Workshop on Environmental Monitoring Strategies, Salvador, BA, Brazil, 1989.

Invited keynote lecture:

- Toxicity testing with marine organisms: development and applications for biological monitoring, by **M. Nipper**.

Discussions Cycle on the Biologist and the Marine Environment, São Paulo, SP, Brazil, 1989.

Invited talk:

- Pollution, by **M. Nipper**.

XII Brazilian Zoology Meeting Campinas, SP, Brazil, 1985.

Invited keynote lecture:

- Some aspects of the action of pollutants in hydrozoans, by **M. Nipper**.

13. PARTICIPATION IN OTHER MEETINGS IN THE LAST 5 YEARS

Fourth International Conference on Remediation of Contaminated Sediments, Savannah, GA, USA, January 2007.

Poster presented:

- Sediment profile imaging and micro-sampling system (SPIMS), by R.S. Carr, **M. Nipper** and I. Griffith.

SETAC 27th Annual Meeting, Montreal, Quebec, Canada, November 2006.

Posters presented:

- Novel method for achieving realistic exposures of hydrophobic organic contaminants in static toxicity tests, by **M. Nipper**, R.S. Carr, A.L. Evans, J. Biedenbach and P. Gschwend.
- Sediment profile imaging and micro-sampling system (SPIMS), by R.S. Carr, **M. Nipper** and I. Griffith.
- The use of the triad approach to assess sediment quality of a pulp mill effluent receiving body, by T.H. Furley, E. Sousa, **M. Nipper** and A. Carvalho.

33rd Annual Aquatic Toxicity Workshop, Jasper, Alberta, Canada, October 2006.

Paper presented:

- The role of hydrophobic organic contaminants in static toxicity tests, by **M. Nipper**, R.S. Carr, A. Evans, J. Biedenbach, P. Gschwend and J. MacFarlane (talk given by **M. Nipper**).

Poster presented:

- Sediment profile imaging and micro-sampling system (SPIMS), by **M. Nipper** and R.S. Carr.

SETAC Europe 16th Annual Meeting, The Hague, The Netherlands, May 2006.

Poster presented:

- Sediment profile imaging and micro-sampling system (SPIMS) for evaluating the quality of bedded sediments, by R.S. Carr, **M. Nipper** and I. Griffith.

Texas Bays and Estuaries Meeting, Port Aransas, TX, April 2006.

Paper presented:

- Seasonal variation in the toxicity of sediment-associated contaminants in Corpus Christi Bay, TX. By T. Wauhob, **M. Nipper** and E. Billiot (talk given by T. Wauhob).

VI Conferencia Internacional sobre o Destino e o Efeitos dos Efluentes de Fábricas de Celulose e Papel (VI International Conference on the Fate and Effects of Pulp and Paper Mill Effluents), Vitória, ES, Brazil, April 2006.

Paper presented:

- Use of the triad approach to evaluate the quality of the sediment from a pulp mill outfall area. By T.H. Furley, E.C.P.M. Sousa, **M. Nipper** and A.C. Oliveira (talk given by T.H. Furley).

Texas Bays and Estuaries Meeting, Port Aransas, TX, USA, April 2005.

4th SETAC World Congress and 25th Annual Meeting in North America, Portland, OR, USA, November 2004.

Co-chaired the session on “Ecotoxicology of Tropical Aquatic Environments”, and presented the poster entitled:

- Effects of globally transported African dust to Caribbean marine ecosystems, by R.S. Carr, **M. Nipper**, V. Garrison, D. Griffin and G. Smith.

31st Annual Aquatic Toxicity Workshop, Charlottetown, PEI, Canada, October 2004.

Paper presented:

- Influence of ammonia, pH, DOC and other potentially confounding factors on sea urchin porewater toxicity tests, by R. S. Carr and **M. Nipper** (talk given by R.S. Carr).

14th Meeting of the Science Advisory Group on Sediment Quality Assessment, Westminster, CA, USA, September 2004.

Paper presented:

- All you’ve always wanted to know about Brazilian bottoms, by **M. Nipper**.

10th International Coral Reef Symposium, Okinawa, Japan, June-July, 2004.

Chaired the session on “Effects of Pollutants on Corals and Coral Reef Organisms”, and gave the talk entitled:

- Sediment toxicity surveys in the vicinity of coral reefs in the Hawaiian Islands, by **M. Nipper**, R.S. Carr, J. Biedenbach, R. Hooten, M. Field and R. Brock (talk given by M. Nipper).

Poster presented:

- Synthetic organic chemicals, microorganisms, African and Asian dust and coral reefs, V.H. Garrison, R.S. Carr, W.F. Foreman, D.W. Griffin, C.A. Kellogg, M.S. Majewski, **M. Nipper**, E.A. Shinn, S.A. Simonich and G.W. Smith (poster presented by V.H. Garrison).

Taller/Simposio sobre Ecosistemas Costeros del Golfo de México: Hacia la Integración de Grupos de Investigación, Veracruz, Mexico, June/July 2004.

Paper presented:

- GulfBase: Un instrumento que coadyuva a la creación de redes de investigación del Golfo de México, by J.A. Sánchez, **M. Nipper**, I. Michaud and J.W. Tunnell Jr (talk given by J.A. Sánchez).

Sediment Profile Imagery Colloquium of Experts (SPICE), Galway, Ireland, April 2004.

Poster presented:

- Development of a sediment profile imaging and micro-sampling system (SPIMS) or evaluating the quality of bedded sediments, R.S. Carr, **M. Nipper**, I. Griffith and K. Miller (poster presented by R.S. Carr).

SETAC 24th Annual Meeting, Austin, TX, November 2003.

Posters presented:

- Sediment toxicity studies in the Hawaiian Islands, by R.S. Carr, **M. Nipper**, J.M. Biedenbach, R. Hooten, M. Field and R. Brock.
- Monitoring toxicological changes during biotransformation of munitions in sediment: microbial community profiling II, by B.T. Johnson, **M. Nipper** and R.S. Carr.

Thirteenth Annual Meeting of the Science Advisory Group on Sediment Quality Assessment, Seattle, WA, September 2003.

Paper presented:

- The whole naked truth about sandy bottoms, by **M. Nipper** and R.S. Carr (talk given by M. Nipper).

Fourth International Conference on Remediation of Chlorinated and Recalcitrant Compounds, Monterey, CA, May 2003.

Invited talk:

- Toxicity and degradation of picric acid and 2,6-DNT in marine sediments, by K. Miller, **M. Nipper**, R.S. Carr, J.M. Biedenbach, R.L. Hooten and B.T. Johnson (talk given by K. Miller).

29th Annual Aquatic Toxicity Workshop, Whistler, BC, Canada, October 2002.

Posters presented:

- Effects of organic compounds on the marine biota and role of biotransformation: an example with energetic materials, by **M. Nipper**, R.S. Carr, J.M. Biedenbach, R.L. Hooten, B.T. Johnson and K. Miller.
- Photo-transformation and photo-activation of select ordnance compounds, by R.S. Carr, **M. Nipper**, J.M. Biedenbach, R.L. Hooten and K. Miller

Paper presented:

- Monitoring toxicological changes during biotransformation of munitions in sediments: microbial community profiling, by B.T. Johnson, **M. Nipper**, R.S. Carr, and K. Miller (talk given by B.T. Johnson).

SETAC Europe 12th Annual Meeting, Vienna, Austria, May 2002.

Poster presented:

- Fate and effects of ordnance compounds in marine environments, by **M. Nipper**, R.S. Carr, J. Biedenbach, R. Hooten, B.T. Johnson and K. Miller.

SETAC 22nd Annual Meeting, Baltimore, MD, November 2001.

Posters presented:

- Marine environmental effects of mining activities in the Philippines: porewater toxicity and chemistry, by R.S. Carr, **M. Nipper**, J. Biedenbach, R. Hooten and G. Plumlee
- Comparison of porewater and solid-phase toxicity tests performed Calcasieu Estuary Remedial Investigation, by R.S. Carr, **M. Nipper**, C.G. Ingersoll, A. Shortelle, B.T. Johnson, G.R. Gaston, J. Biedenbach, N. Kemble, R. Hooten and D.D. MacDonald.

6th International Conference of the Aquatic Ecosystem Health and Management Society, Amsterdam, The Netherlands, November 2001.

Paper presented:

- A survey of marine contamination from mining-related activities on Marinduque Island, Philippines: Porewater toxicity and chemistry, by R.S. Carr, **M. Nipper** and G.S. Plumlee (talk given by R.S. Carr).

7th International Polychaete Conference, Reykjavik, Iceland, July 2001.

Paper presented:

- Recent advances in the use of meiofaunal polychaetes for ecotoxicological assessments, by **M. Nipper** and R.S. Carr (talk given by M. Nipper).

EMAP Symposium 2001: Coastal Monitoring through partnerships, Pensacola, FL, April 2001.

Paper presented:

- USGS/BEST studies in support of the EMAP Western pilot study, by R.S. Carr, D. Tillitt, **M. Nipper**, S. Bay, B. Anderson, S. Birke and P. Montagna (talk given by R.S. Carr).

EnviroTox 2001, Canberra, Australia, February 2001.

Poster presented:

- EMAP/BEST sediment quality assessment studies on the West coast of the USA, by R.S. Carr, **M. Nipper**, S. Bay, B. Anderson and P. Montagna.

SETAC 21st Annual Meeting in North America, Nashville, TN, November 2000.

Posters presented:

- Toxicity assessment of ordnance compounds and associated products in spiked sediments and pore waters, by **M. Nipper**, R.S. Carr, J. Biedenbach, R. Hooten and K. Miller.
- Porewater toxicity testing: Overview and highlights from a SETAC Technical Workshop, by R.S. Carr, **M. Nipper**, W.J. Adams, W.J. Berry, R. Scroggins and P.V. Winger.

9th International Coral Reef Symposium, Bali, Indonesia, October 2000.

Poster presented:

- Sediment quality assessment studies at the Flower Gardens Marine National Sanctuary, Gulf of Mexico, by **M. Nipper** and R.S. Carr.

3rd SETAC World Congress-10th Annual Meeting of SETAC-Europe, Brighton, United Kingdom, May 2000:

Posters presented:

- Toxicity and chemistry of marine sediments and pore waters spiked with ordnance compounds, by **M. Nipper**, R.S. Carr, J.M. Biedenbach, R. Hooten, S. Saepoff and K. Miller.
- Porewater toxicity testing: Notes and highlights from a SETAC Technical Workshop, by R.S. Carr, **M. Nipper**, W.J. Adams, W.J. Berry, R. Scroggins and P.V. Winger.

Department of Defense Environmental Conference (DODEC), San Diego, California, May 2000.

Paper presented:

- Toxicity studies with ordnance-spiked marine sediments, by **M. Nipper**, R.S. Carr and K. Miller (talk given by M. Nipper).

14. EDITORIAL ACTIVITIES

Managing Editor of GulfBase and Associate Editor of Science for the U.S. 2003-present.

Citation: Nipper, M, Sánchez Chávez, JA and Tunnell, JW Jr, Editors. 2004. GulfBase: Resource Database for Gulf of Mexico Research. World Wide Web electronic publication: <http://www.gulfbase.org>.

Member of the editorial committee of Biota Neotrópica, an online journal (<http://www.biotaneotropica.org.br/v3n2/pt/editorial-board>), July 2003 - present.

Member of the editorial board of the journal “*Environmental Toxicology and Chemistry*”, published by SETAC Press, Pensacola, FL, USA, Jan. 2002 – Dec. 2004.

Co-editor of book entitled “*Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations Methods, Applications and Recommendations for Future Areas of Research*”, by SETAC Press, Pensacola, FL, USA, 2003.

Co-editor of book entitled “*Methods and applications in marine ecotoxicology: the Brazilian experience*”, by Artes Gráficas e Ind. Ltda., Salvador, BA, Brazil, 2002.

Reviewer of manuscripts for the following journals:

Aquaculture

Aquatic Ecosystem Health and Management

Archives of Environmental Contamination and Toxicology

Australasian Journal of Ecotoxicology

Brazilian Archives of Biology and Technology

Brazilian Journal of Oceanography

Bulletin of Marine Science

Chemosphere

Ecotoxicology and Environmental Safety

Environmental Monitoring and Assessment

Environmental Management

Environmental Research

Environmental Toxicology and Chemistry

Marine Biology

Water Environment Research

Reviewer of proposal submitted to NOAA's Coral Reef Ecosystem Studies (CRES) Program, under the Center for Sponsored Coastal Ocean Research/Coastal Ocean Program – 2007.

15. PUBLICATIONS IN PEER REVIEWED JOURNALS AND BOOKS

Evans, AD and **M Nipper**. The influence of biomass on the toxicity of hydrophobic organic contaminants. *Arch. Environ. Contam. Toxicol.* (in review).

Lotufo, G, **M Nipper**, RS Carr, J Conder and J Steevens. Fate and toxicity of explosives in sediments. In: GI Sunahara, J Hawari, G Lotufo and R Kuperman (eds.) *Ecotoxicology of Explosives and Unexploded Ordnance*. CRC Press (in press).

Nipper, M, RS Carr and G Lotufo. Aquatic toxicity of explosives. In: GI Sunahara, J Hawari, G Lotufo and R Kuperman (eds.) *Ecotoxicology of Explosives and Unexploded Ordnance*. CRC Press (in press).

- Furley, TH, ECPM Sousa, **M Nipper** and AC Oliveira. 2007. Use of the triad approach to evaluate the quality of the sediment from a pulp mill outfall area. *6th International Conference on Fate and Effects of Pulp and Paper Mill Effluents, Proceedings*, Vitória, ES, Brazil, 9-12 April, 2006 (in press).
- Melo, SLR and **M Nipper**. 2007. Sediment toxicity tests using the burrowing amphipod *Tiburonella viscana* (Amphipoda: Platyischnopidae). *Ecotoxicol. Environ. Safety* 66:412-420.
- Carr, RS, JM Biedenbach and **M Nipper**. 2006. Influence of potentially confounding factors on sea urchin porewater toxicity tests. *Arch. Environ. Contam. Toxicol.* 51:573-79
- Nipper, M**, RS Carr, JM Biedenbach, RL Hooten and K Miller. 2005. Fate and Effects of Picric Acid and 2,6-DNT in Marine Environments: Toxicity of Degradation Products. *Mar. Pollut. Bull.* 50:1205-1217.
- Nipper, M**, Y Qian, RS Carr and K Miller. 2004. Degradation of picric acid and 2,6-DNT in marine sediments and waters: The role of microbial activity and ultra-violet exposure. *Chemosphere* 56:519-530.
- Nipper, M** and RS Carr. 2003. Recent advances in the use of meiofaunal polychaetes for ecotoxicological assessments. *Hydrobiologia*, 496:347-353.
- Carr, RS, **M Nipper** and GS Plumlee. 2003. Survey of marine contamination from mining-related activities on Marinduque Island, Philippines: Porewater toxicity and chemistry. *Aquat. Ecosyst. Health Manage.* 6:369-379.
- Carr, RS and **M Nipper**. 2003. *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*, SETAC Press, Pensacola, FL, USA, 315 p.
- Carr, RS and **M Nipper**. 2003. Historical Overview of Porewater Toxicity Testing, p. In: Carr, RS and **M Nipper** (Eds). *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*, SETAC Press, Pensacola, FL, USA, p. 1-10.
- Nipper, M**, GA Burton Jr, DC Chapman, KG Doe, M Hamer and KT Ho. 2003. Issues and Recommendations for Porewater Toxicity Testing: Methodological Uncertainties, Confounding Factors, and Toxicity Identification Evaluation Procedures. In: Carr, RS and **M Nipper** (Eds). *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*, SETAC Press, Pensacola, FL, USA, p. 143-162.
- Nipper, M**, RS Carr, W Adams, W Berry, GA Burton Jr, K Ho, DD MacDonald, R Scroggins and PV Winger. 2003. Recommendations for future areas of research related to biological, chemical and ecological aspects of sediment pore water - the way forward. In: Carr, RS and **M Nipper** (Eds.), *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations*, SETAC Press, Pensacola, FL, USA, p. 285-292.
- Nipper, M**, RS Carr, JM Biedenbach, RL Hooten and K Miller. 2002. Toxicological and chemical assessment of ordnance compounds in marine sediments and pore waters. *Mar. Pollut. Bull.* 44:789-806.
- Nascimento, IA, ECPM Sousa and **M Nipper**. 2002. Métodos em ecotoxicologia marinha: Aplicações no Brasil (*Methods in marine ecotoxicology: Applications in Brazil*). Artes Gráficas e Ind. Ltda., São Paulo, SP, Brazil, 262 p. (in Portuguese).

- Nipper, M.** 2002. Toxicity testing with the calanoid copepods *Acartia lilljeborgi* (Giesbrecht, 1892) and *Temora stylifera* (Dana, 1852). In: Nascimento, IA, ECPM Sousa and **M Nipper** (Eds). Métodos em ecotoxicologia marinha: Aplicações no Brasil (*Methods in marine ecotoxicology: Applications in Brazil*). Artes Gráficas e Ind. Ltda., São Paulo, SP, Brazil, p. 141-149 (in Portuguese).
- Nipper, M.** 2002. Statistical methods for the analysis of toxicity test results with liquid and sediment samples. In: Nascimento, IA, ECPM Sousa and **M Nipper** (Eds). Métodos em ecotoxicologia marinha: Aplicações no Brasil (*Methods in marine ecotoxicology: Applications in Brazil*). Artes Gráficas e Ind. Ltda., São Paulo, SP, Brazil, p. 245-253 (in Portuguese).
- Nipper, M,** RS Carr, JM Biedenbach, RL Hooten, K Miller and S Saepoff. 2001. Development of marine toxicity data for ordnance compounds. *Arch. Environ. Contam. Toxicol.* 41:308-318.
- Carr, RS, **M Nipper**, JM Biedenbach, RL Hooten, K Miller and S Saepoff. 2001. Sediment toxicity identification evaluation (TIE) studies at marine sites suspected of ordnance contamination. *Arch. Environ. Contam. Toxicol.* 41:298-307.
- Nipper, M** and RS Carr. 2001. Porewater toxicity testing: a novel approach for assessing contaminant impacts in the vicinity of coral reefs. *Bull. Mar. Sci.* 69:407-420.
- Carr, RS, **M Nipper**, WJ Adams, WJ Berry, GA Burton Jr, K Ho, D MacDonald, R Scroggins and PV Winger. 2001. *Porewater Toxicity Testing: Biological, Chemical, and Ecological Considerations with a Review of Methods and Applications, and Recommendations for Future Areas of Research – Summary of a SETAC Technical Workshop*, SETAC Press, Pensacola, FL, USA, 26 p. URL: <http://www.setac.org/files/porewatersummary.pdf>
- Nipper, M.** 2000. Current approaches and future directions for contaminant-related impact assessments in coastal environments: Brazilian perspective. *Aquat. Ecosyst. Health Manage.* 3:433-447.
- DeWitt, TH, CW Hickey, DJ Morrissey, **MG Nipper**, DS Roper, RB Williamson, L Van Dam and EK Williams. 1999. Do amphipods have the same concentration-response to contaminated sediment *in situ* and *in vitro*? *Environ. Toxicol. Chem.* 18:1026-1037.
- Nipper, MG.** 1998. The development and application of sediment toxicity tests for regulatory purposes. In: Wells, PG, K Lee and C Blaise (Eds). *Microscale aquatic toxicology - advances, techniques and practice*, CRC Lewis Publishers, Boca Raton, Florida, USA, p. 631-643.
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- Moreira, GS, LR Leite and **MG Nipper**. 1978. Notes on *Dipurena reesi* Vannucci 1956 (Hydrozoa, Corynidae) with a description of an unusual method of asexual reproduction. *Bol. Fisiol. Animal, Univ. S. Paulo* 2:159-164.
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16. TECHNICAL REPORTS

- Carr, RS, **M Nipper**, M Field and JM Biedenbach. 2006. Coastal circulation and sediment dynamics in Hanalei Bay, Kaua'i. Part III: Studies of sediment toxicity. U.S. Geological Survey Open-File, Report 2006-1147, 63 p. URL: <http://pubs.usgs.gov/of/2006/1147/>
- Nipper, M**, JW Tunnell Jr, RS Carr, VH Garrison, D Griffin and G Smith. 2006. Final Report on Effects of Globally Transported African Dust to Caribbean Marine Ecosystems. Center for Coastal Studies Report No. TAMU-CC-0601-CCS, submitted to National Oceanic and Atmospheric Administration National Undersea Research Program Grant No. CMRC-03-NRNN-01-05C, 31 p. URL: http://www.sci.tamucc.edu/ccs/pdfs/reports/CMRC-03-NRNN-01-05C_Final%20Report_2006.pdf
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- Carr, RS, **M Nipper** and G Gold-Bouchot. 2004. Toxicity Testing of Sediments from the Sian Ka'an Biosphere Reserve, Quintana Roo, Mexico. Center for Coastal Studies Report No. TAMU-CC-0404-CCS, 13 pp. + 3 attachments. URL: <http://www.sci.tamucc.edu/ccs/pdfs/reports/CCS%20Report%200404.pdf>
- Carr, RS and **M Nipper**. 2003. Toxicity testing of sediments from Molokai and Maui, Hawaii. Final report prepared in cooperation with U.S. Geological Survey, Pacific Science Center, Center for Coastal Studies Report No. TAMU-CC-0302-CCS, 17 pp. + 4 attachments.
- Carr, RS and **M Nipper**. 2003. Assessment of environmental effects of ordnance compounds and their transformation products in coastal ecosystems. Final report prepared for Naval Facilities Engineering Service Center, Port Hueneme, CA. Center for Coastal Studies Report No. TAMU-CC-0303-CCS, 55 pp., 31 appendices and 4 attachments. URL: http://enviro.nfesc.navy.mil/erb/erb_a/restoration/fcs_area/uxo/tr-2234-ord.pdf

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- Carr, RS, M Nipper, J Biedenbach, and R Hooten. 2001. Survey data report in support of the sediment ecological risk assessment at the Calcasieu estuary, Louisiana: Sediment porewater toxicity tests and dissolved organic carbon analysis of pore water. Prepared for CDM Federal Programs Corporation. 22 pp., 15 tables, 6 figures, and 5 appendices. URL: http://www.epa.gov/region6/6sf/pdffiles/porewater_report.pdf
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- Snelder, T, **M Nipper**, B Williamson and G Mills. 1996. Review of assessment of the effects of stormwater discharges from oil interceptors at petroleum product sites. Consultancy Report OIL60501, prepared for Petroleum Marketing Companies.
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- Prósperi, VA, **MG Nipper**, E Bertolotti and ML Lorenzetti. 1992. Appropriate methods evaluation for the toxicity analysis of industrial effluents disposed of into estuarine environments. Annual Report, CETESB, São Paulo, 19p (in Portuguese).
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