

CURRICULUM VITAE

PERSONAL DETAILS:

Name: Lester James McKee
Date of birth: 3rd August 1970
Citizenship: New Zealand (current U.S. H1 visa)

Current address: San Francisco Estuary Institute
7770 Pardee Lane 2nd floor
Oakland, CA 94621
USA
email : lester@sfei.org

QUALIFICATIONS:

1999 **Ph.D.** Southern Cross University, NSW Australia.
Thesis title: HYDROLOGY, WATER QUALITY, NITROGEN AND
PHOSPHORUS TRANSPORT, AND MASS BUDGETS FOR THE
SUB-TROPICAL RICHMOND RIVER CATCHMENT-ESTUARY
SYSTEM, AUSTRALIA.
1993 **B.Sc. (Hons)** Geology, University of Canterbury, New Zealand.
1992 **B.Sc.** Geology, University of Canterbury, New Zealand.

PROFESSIONAL EMPLOYMENT:

2000 - present Environmental Scientist / Watershed Program Manager - San Francisco Estuary
Institute, Oakland, California, USA.
1997 - 1999 Research officer - Centre for Coastal Management, Southern Cross University,
Australia.
1994 - 1998 Part time tutor - School of Resource Science and Management, Southern Cross
University, Australia.
1993 Part time tutor - Department of Geology, University of Canterbury, New Zealand.

AWARDS:

1998 Coaches award for dedication and sportsmanship. SCU soccer club.
1997 Oral paper presentation - 2nd prize. 7th Annual NSW Coastal Conference, Ballina,
Australia.
1994 - 1997 Southern Cross University Postgraduate Research Scholarship.
1994 Most improved player award. SCU soccer club.

AFFILIATIONS:

International Association of Hydrological Sciences (IAHS)
Society of Environmental Toxicology and Chemistry (SETAC)

PROFESSIONAL ACTIVITIES:

2006
Guest lecture: University of California at Davis, Civil & Environmental Engineering, May
2005
Invited Speaker: Managing the Impacts of Land Based Pollutants: The San Francisco Bay Experience.
APEC Symposium on the Protection of the Marine Environment from Land-based Sources of Pollution.
October 11-12, 2005. Hotel Nongshim, Busan, South Korea.
2003
Invited Speaker: Our changing understanding of the importance of tributary stormwater loads to
contamination of San Francisco Bay. 6th Biennial State of the Estuary Conference: The San Francisco
Bay-Delta Estuary: Changes and Challenges. October 21, 22, and 23, 2003. Henry J. Kaiser Convention
Centre, Oakland, California.
2002
Guest lecture: University of California at Berkeley, Civil & Environmental Engineering, February.
Ongoing

Reviewer: Journal of Biogeochemistry

Reviewer: International Association of Hydrological Sciences

Reviewer: Estuaries (Journal of the Estuarine Research Federation)

PUBLICATIONS:

REFEREED JOURNAL PUBLICATIONS

- McKee, L.**, Ganju, N., Schoellhamer, D., 2006. Estimates of suspended sediment entering San Francisco Bay from the Sacramento and San Joaquin Delta, San Francisco Bay, California. *Journal of Hydrology*, 323, 335-352.
- McKee, L.**, Eyre, B.D., and Hossain, S., 2002. Magnitude and frequency analysis of suspended sediment loads in the sub-tropical Richmond River basin, northern New South Wales, Australia. *IAHS Publication* 276, 289-296.
- Eyre, Bradley D., and **McKee, L.J.**, 2002. Carbon, nitrogen, and phosphorus budgets for a shallow subtropical coastal embayment (Moreton Bay, Australia). *Limnology and Oceanography* 47, 1043-1055.
- McKee, L.**, Eyre, B., Hossain, S., and Pepperell, P., 2001. Influence of climate, geology, and humans on spatial and temporal variability in nutrient geochemistry in the sub-tropical Richmond River catchment, Australia. *Marine and Freshwater Research* 52, 235-248.
- McKee, L.**, Eyre, B., Hossain, S. 2000. Intra- and inter-annual export of nitrogen and phosphorus in the sub-tropical Richmond River catchment, Australia. *Hydrological Processes* 14, 1787-1809.
- McKee, L.**, and Eyre, B. 2000. Nitrogen and phosphorus budgets for the sub-tropical Richmond River catchment, Australia. *Biogeochemistry* 50, 207-239.
- McKee, L.**, Eyre, B., Hossain, S. 2000. Transport and retention of nitrogen and phosphorus in the sub-tropical Richmond River estuary, Australia - a budget approach. *Biogeochemistry* 50, 241-278.
- Eyre, B., Hossain, S., and **McKee, L.**, 1998. A sediment budget for the modified sub-tropical Brisbane River estuary, Australia. *Estuarine, Coastal and Shelf Sciences* 47, 513-522.

BOOK CHAPTERS

- Letcher, R., **McKee, L.**, Merritt, W., Jakeman, T., and Eyre, B., 1999. Review paper on techniques to estimate catchment pollutant export. NSW Environment Protection Authority Technical Report 99/73, Sydney.
- McKee, L.**, and Eyre, B. 1999. Richmond River Estuary (New South Wales) inter-annual budgets from seasonal and event monitoring: A modified LOICZ approach. In Smith, S.V., Crossland, C.J., and Opdyke, B. (Eds.). *Australian Estuarine Systems: carbon, nitrogen and phosphorus fluxes. Land-ocean interactions in the coastal zone, A core project of the International Geosphere-Biosphere Program: A study of global change (IGBP). LOICZ reports and studies No. 12.* Netherlands Institute of Sea Research, Texel, Netherlands. Appendix IV pp. 1-10.
- McKee, L.J.**, and Eyre, B., 1996. Nutrient export from a large rurally diverse northern NSW coastal catchment: A preliminary assessment. In Hunter, H.M., Eyles, A.G., and Rayment, G.E. (Eds.). *Downstream effects of land use.* Department of Natural Resources, Brisbane, Australia. pp. 65-72.

TECHNICAL AND CONSULTING REPORTS

- Pearce, S., **McKee, L.**, and Shonkoff, S., 2006. Pinole Creek Sediment Source Assessment: Pavon Creeks Sub-basin. A technical report of the Regional Watershed Program, San Francisco Estuary Institute (SFEI), Oakland, California. SFEI Contribution no. xxx, xx pp.
- McKee, L.**, Oram, J., Leatherbarrow, J., Bonnema, A., Heim, W., and Stephenson, M., 2005. Concentrations and loads of mercury, PCBs, and PBDEs in the lower Guadalupe River, San Jose, California: Water Years 2003, 2004, and 2005. A Technical Report of the Regional Watershed Program: SFEI Contribution 424. San Francisco Estuary Institute, Oakland, CA. 47pp.
- McKee, L.**, Mangarella, P., Thompson, B., Hayworth, J., and Austin, L., 2005. Review of methods used to reduce urban stormwater loads (Task 3.4). A Technical Report of the Regional Watershed Program: SFEI Contribution xxx. San Francisco Estuary Institute, Oakland, CA. xxpp
- McKee, L.**, Leatherbarrow, J., and Oram, J., 2005. Concentrations and loads of mercury, PCBs, and OC pesticides in the lower Guadalupe River, San Jose, California: Water Years 2003 and 2004. A Technical Report of the Regional Watershed Program: SFEI Contribution 409. San Francisco Estuary Institute, Oakland, CA. 72pp.

- Pearce, S., **McKee, L.**, and Shonkoff, S., 2005. Pinole Creek watershed sediment source assessment. A Technical Report of the Regional Watershed Program prepared for the Contra Costa Resources Conservation District (CC RCD): SFEI Contribution #316. San Francisco Estuary Institute, Oakland, CA. 102pp + appendix.
- Hunt, J., Leatherbarrow, J., and **McKee, L.**, 2004. New Central Valley loading estimates indicate delayed estuary recovery. RMP Regional Monitoring News, v.9:2 (Fall 2004).
- Hunt, J., **McKee, L.**, and Leatherbarrow, J., 2005. Mining legacy in the Guadalupe watershed: Reducing mercury entering San Francisco Bay. RMP Update Winter 2004/2005.
- McKee, L.** and Krottje, P., 2004. Human influences on nitrogen and phosphorus concentrations in creek and river waters of the Napa and Sonoma watersheds, northern San Francisco Bay, California. A Technical Report of the Regional Watershed Program: SFEI Contribution #421. San Francisco Estuary Institute, Oakland, CA. 50pp
- Leatherbarrow, J.E., **L.J. McKee**, D.H. Schoellhamer, N.K. Ganju, and A.R. Flegal. 2004. Concentrations and loads of organic contaminants and mercury associated with suspended sediment discharged to San Francisco Bay from the Sacramento-San Joaquin River Delta, California RMP Technical Report. SFEI Contribution 405. San Francisco Estuary Institute. Oakland, CA.
- McKee, L.**, Leatherbarrow, J., Eads, R., and Freeman, L., 2004. Concentrations and loads of PCBs, OC pesticides, and mercury associated with suspended sediments in the lower Guadalupe River, San Jose, California. A Technical Report of the Regional Watershed Program: SFEI Contribution #86. San Francisco Estuary Institute, Oakland, CA. 79pp.
- Pearce, S.A., **McKee, L.J.**, and Shonkoff, S.B., 2004. Sediment source assessment in tributaries of San Pedro Creek, San Mateo County, California. A Technical Report of the Regional Watershed Program: SFEI Contribution #87. San Francisco Estuary Institute, Oakland, CA. 20 pp.
- Brady, R. H. III, Pearce, S., **McKee, L.**, Overton, S., and Striplen, C., 2003. Fluvial geomorphology, hydrology, and riparian habitat of La Honda Creek along the Highway 84 transportation corridor, San Mateo County, California. A technical report of the Watershed Program, San Francisco Estuary Institute (SFEI), Oakland, California. SFEI contribution no. 78. Xxpp.
- Schoellhamer, D.H., Shellenbarger, G.G., Ganju, N.K., Davis, J.A., and **McKee, L.J.**, 2003. Sediment dynamics drive contaminant dynamics. In San Francisco Estuary Institute (SFEI), 2003. The Pulse of the Estuary: Monitoring and managing contamination in the San Francisco Estuary. SFEI contribution 74. San Francisco Estuary Institute, Oakland, CA.
- Pearce, S., O'Connor, M., **McKee, L.**, and Jones, B., 2003. Geomorphic processes in Carneros Creek, Napa River watershed, California: A primer to community-driven watershed management. A technical report of the Regional Watershed Program. SFEI Contribution xx. San Francisco Estuary Institute, Oakland Ca. Draft February 2003.
- Pearce, S., O'Connor, M., **McKee, L.**, and Jones, B., 2003. Geomorphic processes in Sulphur Creek, Napa River watershed, California: A primer to community-driven watershed management. A technical report of the Regional Watershed Program. SFEI Contribution xx. San Francisco Estuary Institute, Oakland Ca. Draft February 2003.
- Grossinger, R., Striplen, C., Brewster, E., and **McKee, L.**, 2003. Ecological, Geomorphic, and Land Use History of Carneros Creek Watershed: A Process-Based Foundation for Watershed Management. Draft technical report to the Napa County Resource Conservation District. 47 pp.
- Grossinger, R., Striplen, C., Brewster, E., and **McKee, L.**, 2003. Ecological, Geomorphic, and Land Use History of Sulphur Creek Watershed: A Process-Based Foundation for Watershed Management. Draft technical report to the Napa County Resource Conservation District. 37 pp.
- McKee, L.**, Leatherbarrow, J., Pearce, S., and Davis, J., 2003. A review of urban runoff processes in the Bay Area: Existing knowledge, conceptual models, and monitoring recommendations. A report prepared for the Sources, Pathways and Loading Workgroup of the Regional Monitoring Program for Trace Substances. SFEI Contribution 66. San Francisco Estuary Institute, Oakland, Ca.
- Glasner, A., and **McKee, L.**, 2002. Draft report: Pathogen occurrence and analysis in relation to water quality attainment in San Francisco Bay watersheds. A technical report of the Regional Watershed Program. SFEI Contribution xx. San Francisco Estuary Institute, Oakland Ca. December 2002. 11pp.
- Noss, R., Amundson, R., Arnald, R., Bradbury, M., Collinge, S., Grewell, B., Grosberg, R., **McKee, L.**, Northen, P., Swanson, C., and Yoshiyama, R., 2002. Report of the Science Advisors: Solano County Natural Community Conservation Plan/ Habitat Conservation Plan. November 2002. 71pp.

- McKee, L.**, and Leatherbarrow, J., 2002. Measurement of sediment and contaminant loads from the Guadalupe River Watershed: Sampling and analysis plan. Watershed Program, San Francisco Estuary Institute, Oakland, Ca. October 2002.
- Pearce, S., **McKee, L.**, Grossinger, R., and O'Connor, M., 2002. Geomorphic processes in Soda Creek, Napa River Watershed: Recommendation for maintenance of beneficial uses. Report prepared for the State Water Resources Control Board. A technical report of the Regional Watershed Program. SFEI Contribution 63. San Francisco Estuary Institute, Oakland Ca. October 2002.
- Wittner, E., and **McKee, L.**, 2002. Mapping urbanized and rural drainages in the Bay Area: A tool for improved management of storm water contaminants derived from small tributaries. A Technical Report of the Watershed Program, San Francisco Estuary Institute, Oakland, CA. 41pp.
- Leatherbarrow, J.E. Hoenicke, R. and **McKee, L.J.**, 2002. Results of the Estuary Interface Pilot Study, 1996-1999, Final Report. A Technical Report of the Sources Pathways and Loading Work Group (SPLWG) of the San Francisco Estuary Regional Monitoring Program for Trace Substances (RMP). San Francisco Estuary Institute, Oakland, CA. March 2002. 90pp.
- McKee, L.**, Ganju, N., Schoellhamer, D., Davis, J., Yee, D., Leatherbarrow, J., and Hoenicke, R., 2002. Estimates of suspended sediment flux entering San Francisco Bay from the Sacramento and San Joaquin Delta. Report prepared for the Sources Pathways and Loading Workgroup (SPLWG) of the San Francisco Bay Regional Monitoring Program for Trace Substances (RMP). SFEI contribution 65. San Francisco Estuary Institute, December 2002. 28pp.
- McKee, L.**, Grossinger, R., Brewster, E., Dale, R., Cornwall, C., Hunter, R., and Lawton, R. 2000. Summary of existing information in the watershed of Sonoma Valley in relation to the Sonoma Creek Watershed Restoration Study and recommendations on how to proceed. A report prepared by San Francisco Estuary Institute (SFEI) and Sonoma Ecology Center (SEC) for US Army Corps of Engineers, San Francisco. San Francisco Estuary Institute, December 2000.
- McKee, L.**, and Davis, J., 2000. The Transport of contaminants to San Francisco Bay by stormwater. Estuary (Your independent source for Bay-Delta News &views) Volume 9, No. 4, pp 5-7. Estuary is a bimonthly publication of the San Francisco Estuary Project and Friends of the San Francisco Estuary.
- Davis, J.A., **L. McKee**, J. Leatherbarrow, and T. Daum. 2000. Contaminant Loads from Stormwater to Coastal Waters in the San Francisco Bay Region: Comparison to Other Pathways and Recommended Approach for Future Evaluation. San Francisco Estuary Institute, Richmond, CA.
- McKee, L.J.** and Eyre, B.D., 1999. Nutrient processes in the Richmond River catchment and estuary. Report prepared for the Department of Land and Water Conservation, Sydney, Australia.
- Eyre, B.D., and **McKee, L.J.** 1998. A nutrient budget for Moreton Bay, southeast Queensland, Australia. Task NB: final report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.
- Eyre, B.D., and **McKee, L.J.** 1998. A nutrient budget for Moreton Bay, southeast Queensland, Australia - preliminary data analysis. Task NB: 75% report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.
- McKee, L.J.** and Eyre, B.D., 1998. Analysis of historical water quality in the Brisbane and Logan River estuaries and Moreton Bay 1917 - 1997. Task HWQ: final report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.
- Eyre, B.D., and **McKee, L.J.** 1998. A nutrient budget for Moreton Bay, southeast Queensland, Australia - methods outline. Task NB: 50% report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.
- McKee, L.J.**, Eyre, B.D., and Hossain, S., 1997. Historical trends in water quality - Historic data on water quality. Report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.
- Eyre, B.D., Hossain, S., and **McKee, L.J.**, 1997. Factors controlling turbidity in the Brisbane River estuary. Report for The Brisbane River and Moreton Bay Wastewater Management Study, Brisbane River Management Group, Brisbane, Australia.

ORAL PRESENTATIONS

- McKee, L.**, 2006. Sources Pathways and Loadings of Sediments and Trace Contaminants in the Bay Area: Regional, Watershed, and Storm-sewershed Scales. Presentation to the Auckland Regional Council, Auckland, New Zealand, May 12th, 2006.

- McKee, L., 2006.** Sources Pathways and Loadings of Sediments and Trace Contaminants in the Bay Area: Regional, Watershed, and Storm-sewershed Scales. Presentation to the Southern California Coastal Water Research Project, Westminster, CA, April 7th, 2006.
- McKee, L., 2006.** Land Use Influences on Water, Sediment and Nutrients in the Napa Valley Watershed: Conceptual Models and Examples. Presentation to the North Bay Watershed Association, Petaluma Community Center, February 3rd, 2006.
- McKee, L., 2005.** Managing the Impacts of Land Based Pollutants: The San Francisco Bay Experience. APEC Symposium on the Protection of the Marine Environment from Land-based Sources of Pollution. October 11-12, 2005. Hotel Nongshim, Busan, South Korea.
- McKee, L., 2005.** Storm Drain Mapping and Impervious Surfaces in SF Bay Urban Areas. Impervious Surface Data Collection Workshop, October 11th 2005, San Francisco Bay Regional Water Quality Control Board.
- McKee, L., 2005.** Guadalupe Small Tributaries Loads Study (Sediment and Mercury). Presentation to the SCB WMI Watershed Assessment and Monitoring Subgroup (WAMS) May 17th 2005. City of San Jose.
- McKee, L., 2005.** Pollutant Loads to the Bay: Measuring the “L” in TMDL. Regional Monitoring Program for Trace Substances Annual meeting, May 10th 2005, University of California, Lawrence Hall of Science.
- McKee, L., 2004.** Suspended sediment and mercury loads entering San Francisco Bay from the California Central Valley: Making a case for management of urban runoff in the Bay Area. Fourth SETAC World Congress, 14 - 18 November 2004, Portland, Oregon.
- McKee, L., 2004.** Suspended sediment and mercury loads entering San Francisco Bay from the Central Valley via the Delta. 3rd Biennial CALFED Bay-Delta Program Science Conference: Getting results Integrating Science and Management to Achieve System-Level Responses. October 4-6, 2004. Sacramento Convention Centre, Sacramento, California. p149.
- McKee, L., 2004.** In Pursuit of Urban Runoff in an Urbanized Estuary: Losing sleep over troubled water. Regional Monitoring Program for Trace Substances Annual meeting, May 4, 2004, University of California, Lawrence Hall of Science
- McKee, L., 2003.** Our changing understanding of the importance of tributary stormwater loads to contamination of San Francisco Bay. Invited presentation at the 6th Biennial State of the Estuary Conference: The San Francisco Bay-Delta Estuary: Changes and Challenges. October 21, 22, and 23, 2003. Henry J. Kaiser Convention Centre, Oakland, California. p25.
- McKee, L., 2003.** Guadalupe small tributaries loads study. Presentation to the Guadalupe River TMDL Work Group. September 23rd 2003.
- McKee, L., Leatherbarrow, J., 2003.** Guadalupe small tributaries loads. Progress Report to the CEP Technical Committee. August, 2003.
- Leatherbarrow, J., and **McKee, L., 2003.** Quantifying loads of sediment and contaminants entering San Francisco Bay from the Central Valley: “The Mallard Island Study”. Presentation to the Sources Pathways and Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). July 25th 2003.
- McKee, L., Leatherbarrow, J., 2003.** Guadalupe small tributaries loads: Overview, Rainfall, Runoff, and Existing Contaminant Concentration Data and Loads Estimates. Presentation to the Sources Pathways and Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). July 25th 2003.
- McKee, L., Leatherbarrow, J., 2003.** Guadalupe small tributaries loads: New contaminant data and preliminary interpretations. Presentation to the Sources Pathways and Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). July 25th 2003.
- McKee, L., 2003.** Nutrients, Pathogens, Climatic Variability, Sediment Budgets, Watershed Classification, and Ideas for Future Studies: How does all that fit together? Presentation to the Regional Board TMDL staff, April 2003.
- McKee, L.J., and Leatherbarrow, J.E., 2003.** A Watershed Year for RMP & CEP: Sources Pathways & Loadings 2002/03. Presentation at the San Francisco Bay Regional Monitoring Program for Trace Substances (RMP) Annual Meeting, March 2002.
- McKee, L., Leatherbarrow, J., Eads, R., and Freeman, L., 2003.** Measurement of Sediment and Contaminant Loads from the Guadalupe River Watershed. Presentation to the Sources Pathways and

- Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). February 26th 2003.
- Leatherbarrow, J., and **McKee, L.**, 2003. Estimating loads of sediment and contaminants during large resuspension events from the Central Valley to San Francisco Bay (The Mallard Island Study). Presentation to the Sources Pathways and Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). February 26th 2003.
- McKee, L.**, 2003. The Regional Watershed Program. Presentation to the SFEI Board. March, 2003.
- McKee, L.**, Leatherbarrow, J, Pearce, S., and Davis, J., 2003. Urban Runoff Processes Literature Review. Presentation to the Sources Pathways and Loadings Workgroup (SPLWG) of the Regional Monitoring Program for Trace Substances (RMP). February 26th 2003.
- McKee, L.**, and Grossinger, 2003. The Regional Watershed Program. Presentation to the SCVWD, January, 2003.
- McKee, L.**, Eyre, B.D., and Hossain, S., 2002. Magnitude and frequency analysis of suspended sediment loads in the sub-tropical Richmond River basin, northern New South Wales, Australia. Oral presentation at the International Symposium on the Structure, Form, Function, and Management Implications of Fluvial Sedimentary Systems held in Alice Springs, Australia 2-6 September 2002.
- McKee, L.J.**, 2002. Estimating sediment related contaminant loads entering San Francisco Bay from the Central Valley: A contribution to Region 2 and Region 5 TMDLs. Proceedings of the Northern California Regional Chapter of the Society of Environmental Toxicology And Chemistry (Norcal SETAC) conference. University of California, Davis, May, 2002.
- Wittner, E., and **McKee, L.**, 2002. The National Hydrography Data Set: Bay Area. Presentation to the Fairfield-Suisun Sewer District, May 9th 2002.
- McKee, L.J.**, 2002. Sources, Pathways, and Loadings. Presentation at the San Francisco Bay Regional Monitoring Program for Trace Substances (RMP) Annual Meeting, March 2002.
- McKee, L.J.**, 2002. Water quality modeling: Characterization of nutrients in surface waters and modeling at the watershed scale. Guest lecture, University of California at Berkeley, Civil & Environmental Engineering CE 290C: Watersheds and Water Quality, February 21st. 2002.
- McKee, L.J.**, 2001. Sediment loads transported from the Delta: Implications for management of pollutants of concern. Proceedings of the Northern California Regional Chapter of the Society of Environmental Toxicology And Chemistry (Norcal SETAC) conference. University of California, Santa Cruz, June 17th-19th, 2001.
- McKee, L.J.**, 2001. The use of the Simple Model for informing environmental science and management: Is this the right tool for your needs? Presentation at the Bay Area Stormwater Management Agencies Association (BASMAA) modelling forum, San Francisco Regional Water Quality Control Board, Oakland, May, 2001.
- McKee, L.J.**, 2001. The challenges in designing an effective regional monitoring program. Oral presentation to the San Francisco Bay Regional Monitoring Program for Trace Substances Annual Meeting, March 2001, Oakland, California.
- McKee, L.J.**, 2001. Sediment loads transported from the Delta during large resuspension events. Oral presentation to the San Francisco Bay Sources Pathways and Loadings Workgroup of the Regional Monitoring Program for Trace Substances, March 2001, Richmond, California.
- McKee, L.J.**, 2000. Intra- and inter-annual transport of suspended sediments in watersheds with seasonal rainfall and runoff: Implications for assessing TMDL in the San Francisco region. Oral presentation to the San Francisco Regional Water Quality Control Board, July 2000, Oakland California.
- McKee, L.J.**, and Eyre, B., 1997. A nutrient budget for the Richmond River estuary, northern NSW. Proceedings of the 7th annual NSW Coastal Conference "The Coastal Zone - Beyond Beaches", Ballina, Australia, November 1997, Ballina Shire Council, pp. 136-142.
- McKee, L.J.**, 1997. Nutrient processes and a nutrient budget for the Richmond River catchment and estuary. Oral presentation to the Richmond Catchment Management Committee public meeting, June 1996, Lismore, Australia.
- McKee, L.J.**, 1996. Sampling techniques and nutrient processes in the Richmond River catchment, northern NSW, November 1996. Oral presentation to the student workshop, University of Queensland, Brisbane, Australia.
- McKee, L.J.**, and Eyre, B., 1996. Phosphorus response and export during periods of flood in the Richmond River catchment, northern NSW. Proceedings of the 23rd Hydrology and Water Resources

Symposium "Water and the Environment", Hobart, Australia, May 1996, Institution of Engineers, Australia, pp. 419-424.

CONFERENCE POSTERS AND ABSTRACTS

- McKee, L.**, and Leatherbarrow, J., 2005. Mercury and methylmercury loads entering San Francisco Bay from the historic New Almaden mercury mines. Environmental Science in a Global Society: SETAC's Role in the Next 25 Years. SETAC North America 26th Annual Meeting, 13-17 November 2005, Baltimore Convention Center, Baltimore, Maryland, USA.
- David, N., **McKee, L.J.**, and Leatherbarrow, J.E., 2005. Mercury transport to San Francisco Bay through the Sacramento-San Joaquin River Delta. Environmental Science in a Global Society: SETAC's Role in the Next 25 Years. SETAC North America 26th Annual Meeting, 13-17 November 2005, Baltimore Convention Center, Baltimore, Maryland, USA.
- McKee, L.**, and Leatherbarrow, J., 2005. Characterization of mercury concentrations in suspended sediment loads in Guadalupe River and Coyote Creek, San Jose, California: Can TMDL targets be met? Seventh Biennial State of the Estuary Conference. October 4-6, 2005. Henry J. Kaiser Convention Center, Oakland California.
- Pearce, S., **McKee, L.**, Arnold, C., and Hokholt L., 2005. Pinole Creek Watershed Sediment Source Assessment: a sediment budget approach highlighting watershed-scale sediment-related processes and supply to the Bay. Seventh Biennial State of the Estuary Conference. October 4-6, 2005. Henry J. Kaiser Convention Center, Oakland California.
- McKee, L.**, Leatherbarrow, J., Grossinger, R., and Pearce, S., 2003. Our Changing Understanding of the Importance of Tributary Stormwater Loads to Contamination of San Francisco Bay. 6th Biennial State of the Estuary Conference, October 21-23, 2003. Henry J. Kaiser Convention Center, Oakland California. Program and abstracts p 25.
- Pearce, S., O'Connor, M., **McKee, L.**, and Jones, B., 2003. Geomorphic Processes and Salmonid Habitat in Sulphur and Carneros Creeks, Napa River Watershed, Napa County California. Calfed Science Conference, Sacramento Convention Center, January 14-16, 2003.
- McKee, L.**, Pearce, S., Grossinger, R., Striplen, C., Leatherbarrow, J., and Wittner, E., 2003. Developing a Bay Area picture of watershed processes, current conditions, and changes through time. 6th Biennial State of the Estuary Conference, October 21-23, 2003. Henry J. Kaiser Convention Center, Oakland California. Program and Abstracts p 126.
- Leatherbarrow, J.E. Hoenicke, R. and **McKee, L.J.**, 2003. Contaminant contributions from the Guadalupe River and Coyote Creek to San Francisco Estuary: Results of the Estuary Interface Pilot Study. Calfed Science Conference, Sacramento Convention Center, January 14-16, 2003.
- Wittner, E., **McKee, L.**, Lucas, V., Leatherbarrow, J., and Grossinger, R., 2001. Building a regionally consistent base map for the Bay Area: The National Hydrography Data Set. Abstracts of the 5th Biennial State of the Estuary Conference – San Francisco Estuary: Achievements, trends and the future. Palace of the Fine Arts theatre, October 9, 10, and 11, 2001. pp 108.
- Leatherbarrow, J., Hoenicke, R., and **McKee, L.**, 2001. Contaminant contributions from the Guadalupe River and Coyote Creek watersheds to the lower South San Francisco Bay. Abstracts of the 5th Biennial State of the Estuary Conference – San Francisco Estuary: Achievements, trends and the future. Palace of the Fine Arts theatre, October 9, 10, and 11, 2001. pp 49.
- McKee, L.J.**, 2000. Inter-annual of sediment supply from local watersheds entering San Francisco Bay. Calfed Bay-Delta Science Conference, Sacramento Convention Center, California, 3-5 October 2000, pp205.
- Eyre, B.D., **McKee, L.J.**, Hossain, S., Ferguson, A., Gay, J., 1998. Ecosystem response to nutrient loading - two northern NSW estuarine examples. Proceedings of the Coastal Nutrients Workshop - Research aiding nutrient management in coastal rivers and estuaries, Sydney, Australia, October, 1997, Australian Water and Wastewater Association Inc, pp. 100-105.
- Eyre, B.D., **McKee, L.**, and Hossain, S., 1997. Status of northern NSW estuaries: Impacts from catchments and other diffuse sources. In Senate Marine Pollution Inquiry: The management of water and biological nutrients in Australia, pp. 473-478. Environment, Recreation, Communications and the Arts Reference Committee, Official Hansard Report, Canberra, Australia.
- Eyre, B.D., **McKee, L.J.**, Ferguson, A., Gay, J., and Davies, P., 1997. A preliminary conceptual model for northern NSW estuaries: implications for management. Proceedings of the 7th annual NSW

Coastal Conference "The Coastal Zone - Beyond Beaches", Ballina, Australia, November 1997, Ballina Shire Council, pp. 136-142.

McKee, L.J., and Eyre, B.D., 1995. Quantifying nutrient exchange between the Richmond River catchment the northern NSW continental shelf: A mass balance approach. The Marine Environment Conference Program and Abstracts, February 1995, University of Queensland, Brisbane, Australia. p. 103.

McKee, L.J., and Eyre, B.D., 1995. Downstream effects of nutrient export from a large rurally diverse northern NSW catchment. In: Downstream Effects of Land use Program and Abstracts, 26-28 April, 1995, Central Queensland University, Rockhampton, Australia. p. 49.

McKee, L.J., and Eyre, B.D., 1995. Nutrient fluxes in the lower Richmond River estuary, northern NSW, Australia. Australian Marine Science Association Annual Scientific Conference Program and Abstracts, 3-6 July, 1995, University of Technology, Sydney, Australia. p. 110.