

CURRICULUM VITAE

PERSONAL

Name Frederika (Fraka) Harmsen

Current Position Special Assistant to the President, California State University, Chico

Professional Qualifications Ph.D. in Geology (1985), Victoria University of Wellington, New Zealand with mixed tenure at the University of Miami, Florida (1981-1982)

B.Sc. (Hons) 1st Class in Geology (1980), Victoria University of Wellington, New Zealand

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Country of Birth Netherlands

Citizenship American, New Zealand, Dutch (European)

KEY EXPERIENCE

August 2016 – present **Special Assistant to the President
California State University, Chico, California**

DUTIES: Serve as advisor to new President and aid with the presidential transition.

Feb 2016 – July 2016: **Special Assistant to the President for Sustainability Initiatives
California State University, Sacramento, California**

DUTIES: Advised the President on sustainability initiatives, and assisted with sustainability policy development and implementation. Served as a liaison to the Chancellor's Office and the California State University system Trustees' Secretariat for matters related to sustainability.

Feb 2014 – Jan 2016: **Provost and Vice President for Academic Affairs
California State University, Sacramento, California**

DUTIES: Provided leadership for seven Academic Colleges, the University Library, and the College of Continuing Education. Also included were the Office of Graduate Studies, Research Administration, Institutional Research, International Programs and Global Engagement, Center for Teaching and Learning, and Academic Technology and Creative Services. Oversaw a divisional budget of \$134 million that included non-general and auxiliary services and external grants and contracts. Oversaw student retention, and academic progress. Promoted and facilitated the development of interdisciplinary programs. Fostered professional development for the faculty and Academic Affairs staff. Approved the retention, tenure, and promotion of faculty. Represented the division and the University to the community at large, and involved the greater community in advisory capacities.

ACHIEVEMENTS:

• Advocacy

- Co-led Sacramento State's efforts for reinvestment in higher education at the state capital.
- Lobbied with students to keep colleges affordable and safe.
- Participated with the Sacramento Metro Chamber's Capitol-to-Capitol (Sacramento to Washington D.C.), and worked directly with congressional delegates to organize broad-base support for critical initiatives pertaining to higher education (the Higher Education Reauthorization Act and issues related to student financial aid).

• University Partnerships

- Worked with corporations such as Apple, Hewlett-Packard and Aerojet Rocketdyne to support faculty and student research, and increase student intern opportunities.
- Helped leverage "Sacramento Pathways to Success", a collaboration between regional high schools, Sacramento City College and Sacramento State to aid students to more easily transition to, and succeed in, college.
- Partnered with Sacramento Housing and Redevelopment Agency to improve educational opportunities and increase economic activity.
- Served on the NEXTED (Education for the Next Economy) board to develop partnerships among business, labor, education, community and government to advance regional economic objectives and enhance the academic performance and career readiness of students.

• Fundraising

- Worked closely with Advancement and deans to set priorities for Academic Affairs under the new Capital Campaign (goal \$200 million).
- Initiated the Power of 1,000 Hornets to build a new Event Center.
- Worked closely with donors and alumni to raise money for the academic enterprise and have been successful in garnering scholarships for students including student athletes; worked on special seven figure initiatives, for example, an endowed chair of Construction Management.

• Increasing Revenue Streams

- Worked closely with the College of Continuing Education to start a number of new initiatives in workforce training (e.g. subsidized practical training for 1800 transportation professionals), and invested in online development of new certificate and degree programs resulting in an increase of \$4 million in income.
- Invested in faculty grant development that resulted in an 80% proposal volume increase to \$60.8 million, a 17% increase in the number of proposals to 204, and a jump in the average F&A (Facilities and Administrative) rate from 10.6% to 12.95%.
- Created a model for international enrollment growth to increase the number of overseas students by 500 within 3-5 years and generate \$7 million.

• Research and Creative Activities

- Established the Provost Research Incentive Fund program which distributes up to \$250,000 per year to support faculty research publications, grant development, and creative activities
- Created the university outstanding thesis award to recognize exemplary graduate student research.
- Expanded support for start-up packages to attract research-active faculty;
- Helped reorganize the Office of Research Affairs around a research development emphasis, separating the UEI (foundation) post-award.
- Created new platforms for outreach and development to state and local agencies; hired a Research Integrity and Compliance Analyst charged with conflict of interest and other

compliance matters; hired a grant writer to identify grant opportunities and support faculty research endeavors.

- Worked to identify common themes across different colleges to take advantage of synergistic interests and to maximize the potential for funding interdisciplinary research. The first cohort of faculty specializing in water was hired fall 2015.

• Student Success

- As Co-Chair of the University Graduation Initiative helped to further develop the first year experience program, and enhance student advising and mentoring, raising year-to-year persistence and reducing the graduation gap for URM (Under-Represented Minorities).
- Implemented strategies to reduce roadblocks and bottlenecks in coursework toward degree completion (including facilitating construction of new science lab space, and establishing new task forces on classroom scheduling and on impact).
- Worked to improve the transition from high-school and community college to the University through programs such as the Sacramento Pathways to Success, and NEXT-ED that advances programs and policies to prepare students for success in the next economy.
- Initiated the 15 in 4 campaign to encourage students to take 15 units/semester and graduate in a timely fashion. The average unit load per student is now the highest recorded in the past decade.
- Incentivized co-curricular learning and increased student internships, research, service-learning and international opportunities.
- Launched the *Center for Science and Math Success* for the development and dissemination of teaching innovation designed to improve science and math learning.
- Oversaw revision of GE Area Learning Outcomes.
- Worked closely with IRT (Instructional Resources and Technology) to obtain funding for critically needed smart classrooms and smart laboratories to enhance the delivery of the curriculum; promoted integration of predictive analytics and dashboards, and helped acquire catalog management/curriculum workflow software.

• Strategic planning and special initiatives

- Actively participated on the University Strategic Planning Council on the new University Strategic Plan (2014-2020); initiated college and other unit strategic planning that include a reflection of overall campus goals.
- Established iWEST (Institute for Water, Energy, Sustainability and Technology) as a hub for the fusion of science and policy to focus on California and the region's water, energy and sustainability issues, and hired the inaugural director in October, 2015.
- Bid for Summer Arts to bring this world class CSU program to Sacramento State beginning in 2017 (pending).
- Worked with the National Institute on Science for Global Policy and NSF (National Science Foundation) on an academic partnership for a national model on the impact of climate change.
- Worked to establish a new Capital School of Public Affairs in downtown Sacramento (a relocation of policy-related assets in close proximity to the State Capitol);
- Assisted in planning for the new Science II building.

• Faculty & Staff Development & Initiatives

- Positively addressed many of the equity and salary issues confronting faculty and facilitated the increase in tenure-track hiring.
- Supported professional development and training opportunities for staff and faculty, and promoted leadership development for chairs and faculty leaders.
- Sponsored and promoted summer teaching institutes such as Course Redesign for a New Generation.

- Provided funding for pedagogical enhancement (e.g. flipping the classroom), and development of high quality hybrid and online course offerings by supporting faculty with technology assistance, instructional design consulting, and professional development programs.

• Shared Governance

- Worked closely with the senate through consultation and sharing of information.
- Streamlined the RTP (retention/tenure/promotion) process across the colleges.
- Coordinated with the senate on several policies including faculty responsibilities to students in the instructional environment, grade appeals, student excused absences, international travel, student internships, and emeriti status.

• Academic Programs

- Engaged the campus in the re-accreditation process for WASC (Western Assoc. of Schools and Colleges); participated in the ABET (engineering and computer science) and AACSB (business) re-accreditation visits.
- Guided development of new academic programs including the Master of Science in Finance and the completion degree for the BA Arts and Letters; worked with Sierra Community College to develop a new BS in Nursing collaborative to give students the opportunity to pursue their degree concurrently during the ADN program.

• Globalization

- Established the center for International Programs and Global Engagement (IPGE); created an AVP position for IPGE; helped design, and open a new facility for IPGE.
- Instituted a faculty ambassador program to increase faculty global engagement opportunities.
- Grew the number of international students on campus by 25%.
- Increased opportunities for local students to study abroad, and promoted internationalization of the curriculum.
- Established new bilateral partnerships with 5 highly ranked universities in China and Brazil.
- Garnered funding to establish a Chinese Language and Culture Center at Sacramento State.
- Fostered international alumni relations.

SERVICE

2015 – present	NextEd (Education for the Next Economy) Board of Directors
2015 – present	KVIE Public Television Board of Directors
2015 – present	California State University Academic Technology Steering Committee
2014 – 2016	Graduation Initiative Steering Committee (Co-Chair 2014)
2014	University Strategic Planning Committee
2011 – 2014	United States Student Fulbright National Screening Committee
2011 – present	California State University Prof. Science Masters Senior Leadership Council
2014 – present	Council on Ocean Affairs Science and Technology, Campus representative.
2014 – 2016	Executive Committee of the Academic Senate
2014 – 2016	Academic Senate
2014 – 2016	President's Cabinet
2011 – present	California Tsunami Response Team

2011 – Jan 2014: **Dean of the College of Natural Sciences, and Professor of Geology, California State University, Chico, California**

DUTIES: Responsible for administrative oversight, resource allocation and management of the College including fiscal/budgetary issues and workload, the delivery of instructional programs, scholarly activity and service, advancement and fundraising, and liaison with central administration and the university community.

ACHIEVEMENT HIGHLIGHTS:

• **Budget, Fundraising, and Strategic Initiatives**– as incoming Dean successfully managed a \$1.3 million budget deficit by working closely with the Council of Chairs and others to reduce expenditures, promoted new sources of funding and improved utilization of existing resources; addressed a \$1.2k budget deficit in the Gateway Science Museum; increased fundraising by 150% to \$1.6 million from 500 unique donors in a one year period; initiated the first College alumni reunion that resulted in \$1.5 million in planned giving; established the Center for Water and the Environment (CWE); developed a College computer center for student learning, simulation and modeling; established a scholarship fund for undergraduate research that supported over 300 student research presentations at local, national and international conferences; increased faculty grants and contracts by 16% to \$5.8 million; initiated and supported research clusters in STEM, atmospheric science and climate change; undertook a major renovation of the nursing skills lab and nursing computer lab, and updated technology for the Rural SimCenter; provided funds to support faculty grant writing, facilitated student learning, and promoted innovative teaching; increased student diversity through LSAMP and other grant support and diversity initiatives (4% growth in Hispanic students, 12% growth in female students).

SERVICE

2012 - 2013	Executive Management Evaluation and Development Committee
2012 - 2013	University Budget Committee
2012 - 2013	Council on Ocean Affairs Science and Technology Executive Committee for the California State University system
2012 - 2013	Research Foundation Financial Committee
2012 - 2013	University Academy E-Learning Committee
2011 – 2013	Member of the California State University Program for Education and Research in Biotechnology
2011 – 2013	Chair of the Commission for the Gateway Science Museum
2011 – 2015	United States Student Fulbright National Screening Committee
2011 – 2013	Member of the Rawlins Advisory Board on Sustainability
2011 – 2012	Member of the Educational Policies & Programs Committee

2007 – 2011: **Associate Dean of the College of Science & Mathematics, California State University, Fresno, California**
Duties: Strategic planning, budget and resource management, external research support and donor development, personnel management, curriculum oversight, enrollment.

2003 – 2007: **Chair and Professor, Department of Earth & Environmental Sciences, California State University, Fresno, California**
Duties: Curriculum planning and assessment, scheduling and staffing of classes, performance evaluation, professional development of staff, management of hiring, management of department resources including budget, facilities and space, personnel issues. Research and teaching as Professor of Geology

2001 – 2003: **Assistant to the Dean for Special Projects, College of Science & Mathematics, and Professor of Geology, California State University, Fresno, California**

Duties: Development of science center – planetarium, museum, science and mathematics education center, and a federal and state agencies partner’s building.

- 1997 – 2001:** **Chair and Professor, Department of Geology, California State University, Fresno, California**
Duties: Curriculum planning and assessment, scheduling and staffing of classes, performance evaluation, professional development of staff, management of hiring, management of department resources including budget, facilities and space, personnel issues. Research and teaching as Professor of Geology.
- 1991 – 1997:** **Professor of Geology, California State University, Fresno, California**
Duties: Teaching graduate and undergraduate courses. Research in carbonate sedimentology, marine geology and paleoclimatology.
- 1987 – 1991:** **Associate Professor, California State University, Fresno, California**
Duties: Teaching graduate and undergraduate courses. Research in petroleum geology; carbonate sedimentology, and Antarctic geology.
- 1989 – 1990:** **Visiting Scientist, Moss Landing Marine Laboratories, San Jose State University, California**
Duties: Research in marine sedimentology.
- 1985 – 1987:** **Assistant Professor, California State University, Fresno, California**
Duties: Teaching graduate and undergraduate courses. Research on temperate water carbonates.
- 1984 – 1985:** **Postdoctoral Fellow, University of Montana, Montana**
Duties: Research – Triassic allochthonous terranes in Peruvian Andes and Alaska.
- 1983 – 1984:** **Lecturer, Victoria University of Wellington, New Zealand**
Duties: Teaching Carbonate Sedimentology, Physical Geology.

SERVICE

- 2009 – 2011 Campus representative to COAST, the CSU Council on Ocean Affairs, Science and Technology
- 2009 – 2011 Member of Integrated Marketing and Communications Council
- 2009 – 2011 Member of the Enrollment Management Task Force
- 2007 – 2011 Member of the Retention Oversight Committee.
- 2006 – 2011 Member of the University Lecture Series Committee,
- 1997 – 2011 University representative to the National Association of State Universities and Land-Grant Colleges
- 2006 – 2010 Member of the Student Success Task Force.
- 1985 – 2008 Chair (2002-2004) and Member of Moss Landing Marine Labs Governing Board
- 2006 - 2007 Faculty Associate (Assoc. Dean duties), Division of Graduate Studies
- 2005 – 2007 Chair (2006-2007) and Member of the Academic Policy and Planning Committee.
- 2005 – 2007 Graduate Coordinator, Department of Earth & Environmental Sciences
- 2005 – 2007 Member of the College of Science and Mathematics Alumni Committee.
- 2005 – 2007 Member of the College of Science and Mathematics Exhibits Committee.
- 2004 – 2005 Chair of the University International Task Force.
- 2004 – 2005 Co-Chair of the Comprehensive Campaign Communications Committee.
- 2003 – 2005 Chair of the WASC Technology Subcommittee.

2002 – 2004	Faculty Associate, Center for the Enhancement of Teaching and Learning.
2002 – 2004	Member of the Professional Development Sub-Committee
2001 – 2005	Member of the College of Science and Mathematics Education Advisory Council.
2001 – 2003	Member of the University Board on Promotion
2000 – 2005	Member of the California State University, Fresno WASC Self-Study Steering Committee.
2000 – 2003	Member of the Fulbright-Hays Institute of International Education Committee.
1998 – 2003	Chair of the College of Science and Mathematics General Education & Curriculum Committee.
1994 – 1995	UNESCO CCOP/SOPAC executive board member
1994 – 1996	President of Phi Beta Delta (international honors society)
1993 – 2003	Member of the California State University, Fresno International Advisory Board.
1993 – 1999	Member of the California State University, Fresno Graduate Subcommittee.
1992 – 1994	Member of the California State University, Fresno Strategic Planning Committee
1991 – 1994	Member of College of Science & Mathematics Budget Committee.
1990 – 1993	Member of University Research Committee.
1989 – 2007	Originator and Co-coordinator, South Pacific Semester.
1988 – 1994	Member of College of Science & Mathematics Personnel Committee.
1987 – 1988	Member of the University Affirmative Action Committee
1986 – 1988	Member of College of Science & Mathematics Research Committee.
1985 – present	Occasional reviewer for: Sedimentary Geology, New Zealand Journal of Geology and Geophysics, National Science Foundation, National Oceanographic and Atmospheric Administration, Fulbright-Hays Foundation, Reed Wicander Publishers, Prentice Hall Publisher

AWARDS

2014	Woman of Distinction Award for Outstanding Contributions to the California State University, Sacramento Community.
2006	Phi Kappa Phi Special Recognition Membership for Outstanding Service to California State University, Fresno and the Community of Fresno.
1998	Outstanding Performance Award, California State University, Fresno.
1988	Meritorious Performance and Professional Promise Award, California State University, Fresno.
1983	Jacob Joseph Scholarship for Outstanding Graduate Student.
1980 – 1983	New Zealand Government Graduate Fellowship.
1980	McKee Trust Postgraduate Scholarship in Geology.
1980	Cotton Prize for Outstanding Undergraduate Student in Geology.

PROFESSIONAL AFFILIATIONS

American Association of State Colleges and Universities
 American Association of University Women
 American Association of Petroleum Geologists
 International Association of Sedimentologists
 Geological Society of America
 New Zealand Antarctic Society
 Phi Kappa Phi Honors Society

Phi Beta Delta International Honors Society

PUBLICATIONS

- Meyer, S., and Harmsen, F. J., 2016: Building a Culture of Pedagogical Innovation: Overcoming Faculty Resistance to Change. OLC Innovate meeting, abstract, April 2016.
- Harmsen, F. J., 2015: Student Quality Services in Terms of Promoting Campus Internationalization – A Case Study of California State University, Sacramento. Invited speaker. The 16th China Annual Conference for International Education meeting, abstract, p.42
- Harmsen, F. J., and Meyer, S., 2015: Scalability and Sustainability: Redesigning the First Year of College for Student Success. American Association of State Colleges and Universities 2015 Academic Affairs Summer meeting, abstract and featured session, p. 12
- Harmsen, F. J., and Meyer, S., 2014: Connecting Student Success Initiatives to Outcomes Assessment - Moving Beyond the Numbers and Setting Priorities. American Association of State Colleges and Universities 2014 Academic Affairs Summer meeting, abstract for workshop, p. 5
- Nana, L., and Harmsen, F., 2011: Etuku Member of the Mamfe Basin Formation, Cameroon West Central Africa: Potential Hydrocarbon Reservoir. 32nd Annual Central California Research Symposium, abstract, p.10
- Davidson, E., Greene, H, and Harmsen, F., 2010: Determining the Habitat Preference of Sand Lance (*Ammodytes hexapterus*) Using Multibeam Bathymetry in the San Juan Islands, Washington. American Geophysical Union, Fall Meeting 2010, abstract #B13B-0472
- Sopha, A., Greene, H., Wyllie-Echeverria, S., and Harmsen, F., 2010: Substrate Variations and its Relationship and Impact on the Distribution of Eelgrass Beds in Griffin Bay, Washington. American Geophysical Union, Fall Meeting 2010, abstract #OS31B-1414
- Ford, K., Greene, H, Harmsen, F., and Putirka, P., 2010 Age Constraint and Degree of Metamorphism of the Turtleback Complex on Orcas Island, San Juan Islands, Washington. Geological Society of America. Abstracts With Programs, vol. 42, no 5, p. 100
- Dundas, R, Ibarra, Y, Harmsen, F., and Van de Water, P., 2009: Bison cf. latiformis from the Late Pleistocene Broach Locality, Fresno, California. Current Research in the Pleistocene, p. 149-152
- Harmsen, F. J., Van de Water, P., Hunsaker. D., and Luo, V., 2009: Future Climate Impacts on Fresno County, California: Mitigation Strategies, and Public Policy. Geological Society of America, Abstracts With Programs, vol. 41, no 7, p.206
- Dundas, R.G., Harmsen, F. J., and Wakabashi. J., 2009: Mammuthus Camelops from Pleistocene Strata Along the Caltrans State Route 180 West Project, Fresno, California. Geological Society of America, Abstracts With Programs, vol. 41, no. 7, p. 109
- Hunsaker, D.B., Van de Water, P., Harmsen, F. J., and Luo, V., 2009: The Implications of Climate Change for Fresno. What Does it Mean for Us? California. 5th California Symposium on

Climate Change.

- Bradshaw and Harmsen, F. J., 2007: The paleoenvironmental significance of trace fossils in Devonian sediments (Taylor Group), Darwin Mountains to the Dry Valleys, southern Victoria Land. U. S. Geological Survey and The National Academies; USGS OF-2007-1047, p. 15-19.
- Harmsen, F. J., 2006: From Grains to Basin: Examples of Project Based Sedimentology Exercises. Teaching Sedimentary Geology in the 21st Century Workshop Proceedings, University of Utah, p. 15.
- Burton, V.D., Osland, A., Harmsen, F. J., and Greene, H.G. 2005: Fostering Entrepreneurship in Female Minority Marine Science Graduate Students. Proceedings of the San Francisco-Silicon Valley Global Entrepreneurship Research Conference, p. 115-121.
- Mayes, A. and Harmsen, F. J., 2003: Kings River Experimental Watershed: Characteristics That Contribute to Erosion in the Southern Sierra Nevada Mountains, California, Geological Society of America Abstracts With Programs, v. 35, no.6.
- McConico, T., and Harmsen, F.J., 2000: Paleocene Submarine Fans and Deep-Sea carbonates: Evidence of a Transgressive System Tract (TST) in New Zealand. Geological Society of America Annual Meeting, Abstracts with Programs, vol. 32, no. 6.
- Harmsen, F.J., and McConico, T., 1999: Deposition of Paleocene Clastic Sediments Along a Convergent Plate Boundary: An Example From New Zealand, Geological Society of America Annual Meeting, Abstracts with Programs, vol. 31, no. 7.
- Pyatt, C. J., and Harmsen, F.J., 1998: Catastrophic flood deposits: examination of morphology and sedimentology of proglacial outwash following a glacial outburst from the Vatnajokull ice cap, southwest Iceland: Geological Society of America Annual Meeting, Abstracts with Programs, vol. 30, no.4.
- Harmsen, F. J., and Erickson, M. A., 1997: Preservation of Devonian Gogo fauna, Canning Basin of Western Australia: The world's most significant early vertebrate site: Geological Society of America Abstracts with Programs (Cordilleran Section), p. 56.
- Yang, W., Harmsen, F. J., and Kominz, M.A., 1995: Depositional cyclicity of the Middle and Late Devonian Lost Burro Formation, Death Valley, California - a possible record of Milankovitch climatic cycles. Journal of Sedimentary Research, vol. B65, no. 3, pp. 306 – 322.
- Bradshaw, M. A., Harmsen, F. J., and Long, J. A., 1992: Preliminary results of the 1991-92 expedition to the Cook Mountains and Mulock Glacier Region. New Zealand Antarctic Record, vol. 14, pp. 15 - 24.
- Kirkbride, M. P., Bradshaw, M. A., and Harmsen, F. J., 1991: Further finds of the Derrick Peak meteorite, TransAntarctic Mountains, and implications for terrestrial age. Meteoritics 26, pp. 213-216.
- Harmsen, F.J. 1990: Te Aute Group Limestone: A potential reservoir rock in the East Coast basin, New Zealand. Proceedings of the 1989 New Zealand Oil Exploration Conference, v. 1, pp.181-190.

- Harmsen, F.J., Haskell, T. J., and Perry, S.A. 1990: An appraisal of the petroleum geology of the Canterbury Basin, New Zealand. Proceedings of the 1989 New Zealand Oil Exploration Conference, v. 1, pp 113-123.
- Woolfe, K.J., Long, J.A., Bradshaw, M.A., Harmsen, F.J., and Kirkbride, M.P. 1990: Discovery of a Devonian fish fauna from the Aztec Siltstone near Mt. Hughes, Cook Mountains. New Zealand Journal of Geology and Geophysics, vol. 33, no. 2, pp. 234 -241.
- Bradshaw, M.A., Harmsen, F.J., and Kirkbride, M.P. 1990: Preliminary results of the 1988-89 expedition to the Darwin Glacier area. New Zealand Antarctic Record, vol. 10, pp. 28 - 48.
- Harmsen, F. J., Yang, W., and Rowe, S., 1990: High frequency cyclic stacking patterns in Devonian Lost Burro Formation, Death Valley, California: Geological Society of America Abstracts with Programs, vol. 22, no. 7, pp. A132-133.
- Bradshaw, M.A., Harmsen, F. J., and Kirkbride, M.P. 1989: The sedimentology and ichnofaunas of the Taylor Group (Devonian ?) near the Darwin Glacier. Annual New Zealand Antarctic Conference, Wellington, New Zealand. Abstracts p. 24.
- Harmsen, F.J. 1988: Temperate water shelf carbonate rocks deposited along an active plate margin: an example from New Zealand. 84th Annual Geological Society of America Cordilleran Section meeting. Abstracts, p. 167.
- Kamp, P.J., Harmsen, F.J., Nelson, C.S., and Boyle, S. 1988: Barnacle-dominated limestone with giant cross-beds in a non-tropical, tide-swept Pliocene forearc seaway, Hawke's Bay, New Zealand. Sedimentary Geology, vol. 60, pp. 173-195.
- Harmsen, F.J., and Merrill, R.D. 1988: Pliocene storm-influenced tidal deposits: last phases of marine sedimentation in the northwestern San Joaquin Basin. 84th Annual Geological Society of America Cordilleran Section Meeting. Abstracts, p. 167.
- Merrill, R.D., and Harmsen, F. J. 1987: Tidal channels and seaway in Pliocene Etchegoin Formation, Coalinga, California, USA. Eighth Annual Central California Research Symposium. Abstracts, p. 2.
- Harmsen, F.J., and Stanley, G.D. Jr. 1986: Sedimentation history of early Mesozoic carbonate rocks, Central Peru. 12th International Sedimentological Congress, Canberra, Australia. Abstracts, p.133.
- Harmsen, F.J. 1985: An ancient example of carbonate and mixed siliciclastic/carbonate tidal deposits from the Tertiary of New Zealand. Modern and Ancient Clastic Tidal Deposits. Comparative Sedimentology Div., University of Utrecht, the Netherlands. Abstracts, p. 76.
- Harmsen, F.J. 1985: Lithostratigraphy of Pliocene Strata, Central and Southern Hawke's Bay, New Zealand Journal of Geology and Geophysics, Vol. 28, pp. 413 - 433.
- Harmsen, F.J., and Stanley, G.D. Jr. 1984: Preliminary Investigation of Early Mesozoic Carbonate Rocks in Central Peru. Geological Society of New Zealand Miscellaneous Publication 31.
- Harmsen F.J. 1984: Stratigraphy and Tectonic History of Pliocene Strata, Southern Hawke's Bay. Geological Society of New Zealand Miscellaneous Publication 31, p. 26.

- Stanley, G.D. Jr., and Harmsen F.J. 1984: Triassic Carbonate Rocks and Benthic Faunas of Central Peru: Significance for suspect terranes of Western North America. Geological Society of America Abstract With Programs, Vol. 16, No. 6.
- Harmsen, F.J. 1984: Stratigraphy, Depositional History and Diagenesis of the Te Aute Group, a Late Pliocene Carbonate-Bearing Sequence in Southern Hawke's Bay, New Zealand. Unpublished Ph.D. Thesis, Victoria University of Wellington Library, 310 pp.
- Harmsen, F.J. 1984: Stratigraphic Sections of the Pliocene Te Aute Group in Central and Southern Hawke's Bay, New Zealand. Publication of the Geology Department, Victoria University of Wellington, No. 29, 109 pp.
- Harmsen, F.J. 1983: Giant Foreset Beds in the Late Pliocene Limestone, Southern Hawke's Bay. Geological Society of New Zealand Miscellaneous Publication 30A, Programme and Abstracts, p. 57.
- Harmsen, F.J. 1983: The Te Aute Limestone Facies: a Temperate Carbonate Sequence Deposited on the New Zealand Convergent Plate Margin. In: Pacific Science Association 15th Congress, Programme and Abstracts, Vol. 1, p.95.
- Harmsen, F.J. 1981: Sediment Dispersal in Korovou Bay, Southern Viti Levu, Fiji. In: Project - Slope Stability following Cyclone "Wally" Report, R. Howorth (editor), pp. 51-72.
- Harmsen, F.J. 1979: The Stratigraphy and Sedimentology of the Awakino Gorge Area, South Auckland, 81 pp. (Unpublished B.Sc. (Hons) thesis, lodged in the library, Victoria University of Wellington, New Zealand).

REPORTS (numerous – most recent listed below)

- Greene, H. G., Williams, T., Edwards, B., Dierter, B., Endris, C., Ryan, H., Phillips, E and Harmsen, F., 2010. Marine Benthic Habitat Mapping in the Golden Gate National recreational Area.. National Parks Service. 61 pp.
- Harmsen, F., Hunsaker, D., Van de Water, P. and Liu, V. 2008: Mitigation and Adaptation Strategies for Climate Change in Fresno, California. 105 pp
- Harmsen, F., Dundas, R., and Wakabayashi, J. 2008: Paleontological Mitigation Report, State Route 99, Fairmead Interchange, Madera County, 40 pp

EXTERNAL GRANTS AND CONTRACTS

2014-2016	Executive Director (PI) of the LSAMP Bridge to the Doctorate program, \$987,000
2011-2014	Principle Investigator, Marine Benthic Habitat Mapping of Channel Islands National Park. The National Parks Service. \$300,000
2010-2012	Co- Principle Investigator, ARRA – NSF – Mentoring, Education, Training, Research and Outreach (METRO). National Science Foundation \$1.400,000

- 2010-2011** Principle Investigator, Interpretation of Multi-Beam Data From the Chatham Strait, SE Alaska, Alaska Department of Fish and Game, **\$18,900**
- 2010** Principle Investigator, Marine Benthic Habitat Mapping of Point Reyes National Seashore. The National Park Service. **\$104,810**
- 2008-2009** Principle Investigator, Marine Benthic Habitat Mapping in the Golden Gate National Recreation Area. The National Park Service. **\$70,285**
- 2007-2011** Principle Investigator, Paleontological Resource Mitigation of the Fairmead Site, Madera County, California. County of Madera. **\$650,000**
- 2006-2011** Principle Investigator, NOAA (National Oceanographic and Atmospheric Administration) Interdisciplinary Scientific Environmental Technology (ISET) Cooperative Research and Educational Center, \$12.5 million. Fresno State subcontract **\$446,000.**
- 2006-2007** Principle Investigator, Paleontological Mitigation for Fresno 180 West Freeway - Segment 2 FRE-180 PM R53.4/R55.9 EA: 06-342334. California Department of Transportation (Caltrans). **\$300,000**
- 2003-2006** Principle Investigator, Environmental Entrepreneurship Program (EEP) at California State University, Fresno, San Jose State University, and the Moss Landing Marine Laboratories, 2003-2006 (National Oceanographic and Atmospheric Science Administration), **\$300,000**
- 2006** Principle Investigator, Paleontological Mitigation for MAD-99 Fairmead Interchange EA: 06-293301. California Department of Transportation (Caltrans). **\$65,000**
- 2002-2005** Principle Investigator, Characterization of hydrology, geomorphology and riparian conditions within the Kings River Experimental Watershed, (US Department of Forestry), **\$105,000** (matching funds from the California Water Institute, **\$23,000**)
- 2000-2005** Principal Investigator, Paleontological Resource Assessments and Mitigation Plans. California Department of Transportation (Caltrans). **\$179,391**
- 1999** Principal Investigator, Paleontological Sensitivity and GIS Mapping Project. California Department of Transportation (Caltrans). **\$61,390**
- 1991** Co-Principle Investigator, Stratigraphy and paleontology of Devonian strata in the west TransAntarctic Mountains, New Zealand Antarctic Research Programme, **\$68,000**
- 1989** Co-Principle Investigator, Devonian depositional environments in the Darwin Mountains, Antarctica, New Zealand Antarctic Research Programme, **\$65,000**