

Mario Castaneda
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EDUCATION

Ph.D. Studies (64 credits), Chemical and Petroleum Engineering, University of Kansas

Graduate courses: Contaminant Transport, Quantitative Ground Water Hydrology, Geochemistry, Heat and Mass Transport in Porous Media, Convective Heat and Momentum Transfer, Advanced Process in Modeling, Simulation, and Control, Secondary Recovery, Subsurface Methods in Petroleum Exploration, Finite Difference Methods, Finite Element Methods (three courses), Applied Statistics.

M.Sc. Petroleum Engineering, Stanford University

B.Sc. Chemical Engineering, University of Sonora

WORK EXPERIENCE

Program Director and Residential Faculty
Water Resources Technology Program,
Industrial Technology Division,
GateWay Community College, Phoenix, AZ,
August 2001- February 2017

- Coordinated the Water Resources Technology Program.
- Contracted with a state agency for proctoring the water/wastewater operator certification exams.
- Taught Introduction to Hydrology, Surface Water Hydrology (and Field Techniques), Groundwater Hydrology (and Field Techniques), Field Hydrology, Water Quality (and Field Techniques), Water Quality Sampling for Arizona Volunteers, Hydrologic Instrumentation, Hydrologic Data, Geographic Information Systems, Ion Exchange Technologies, Membrane Technologies, Water Technology Calculations, Survey of Water Technologies, Water Quality for Treatment Industry, Industrial Pretreatment.
- Attended recruitment events and gave public presentations about GateWay's water programs.
- Member of the GateWay's WRT Advisory Board.
- Member of the Maricopa Advanced Technical Education Center Advisory Board
- Gave technical presentations at bi-national meetings.

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Volunteer Monitoring Coordinator, Arizona Department of Environmental Quality

Phoenix, Arizona

August 2000-August 2001

- Coordinated the Agency's Volunteer Monitoring Program.
- Reviewed Quality Assurance and Project Plans submitted to the agency for grant compliance.
- Provided water quality sampling training to volunteer groups in Arizona.
- Participated in the development of the Arizona's Water Quality Streams Assessment.
- Developed and provided technical training to agency personnel on water quality sampling.

Border Water Coordinator

(January 1994-August 2000)

- Coordinated and implemented the U.S./México Nogales Groundwater project to address groundwater contamination.
- Collaborated with EPA's Superfund Program on soil gas survey activities in the Nogales area to locate potential sources of organic solvents.
- Developed, negotiated, and implemented two Memoranda of Understanding between the States of Arizona and Sonora to jointly work on water quality issues along the U.S.-México Border.
- Provided technical assistance to a border Wellhead Protection Program and the Nogales wastewater facility planning project.
- Developed and implemented ground water/surface water monitoring programs and groundwater protection activities, data quality objectives for ground water sampling, hydrologic data analysis, and technical reports.
- Provided industrial pretreatment and water quality sampling training to border communities and Mexican representatives.
- Represented the Agency at binational meetings.
- ADEQ's WQD Employee of the Year for 1997, and ADEQ's Team of the Year in 1999.

Project Hydrologist

May 1992-August 1994

- Provided hydrologic technical support (through detailed hydrological analysis) to Agency CERCLA (EPA Superfund, Motorola 52nd Street among others) and State WQARF Superfund projects.
- Reviewed and approved hazardous waste sites' soil and ground water investigation reports, work plans, Quality Assurance plans, and Remedial Investigations and Feasibility Studies for regulatory compliance.
- Supervised and inspected drilling, soil gas surveys, and soil and ground water sampling activities for regulatory compliance.
- Assessed and implemented ground water and vadose zone computer models for ground water/soil remediation analysis.

MittelHauser Corporation
Laguna Hills, CA

Senior Engineer
May 1991-May 1992

- Supervised onsite soil remediation operations on closure of oil field hazardous and non-hazardous waste impoundments.
- Analyzed aquifer test data by using computer modeling to determine aquifer characteristics.
- Developed work plans/cost estimates/wrote reports.

Project Engineer
August 1990-May 1991

- Investigated tidal effects in coastal aquifers to develop groundwater monitoring programs for RCRA sites.
- Carried out and analyzed aquifer tests by means of computer models to determine aquifer hydraulics characteristics.
- Implemented several PC groundwater flow and contaminant transport computer models to assess contaminant migration pathways in RCRA sites.
- Developed company capability of processing field data by integrating and using different computer graphics software.
- Developed cost estimates and site safety plans.

Alton Geoscience, Inc.
Irvine, CA
Project Geologist
(1989-1990)

- Responsible for project management, risk assessments studies, general Leaking Underground Fuel Tanks risk appraisal studies, and site assessment and characterization studies involving soil and ground water hazardous waste contamination. Determined ground water flow direction and velocities from field data to evaluate contamination pathways. Supervised groundwater well drilling, well completion, soil sampling, and field monitoring activities. Developed cost estimates, work plans, and site safety plans.

Instituto de Ingeniería
Universidad de Baja California, México
Research Engineer
(1987)

- Investigated different fluid reinjection strategies in a geothermal reservoir to reduce environmental contamination. Carried out projects on reservoir simulation techniques. Implemented a computer program for analyzing sand/shale lithologies from digitized geophysical well logs. Gathered field data and analyzed well tests. Gave graduate courses on Numerical Methods, Hydrogeology, and Geothermal Reservoir Engineering.

Libbey-Owens-Ford Co.
Mexicali, B.C, México
Quality Assurance Manager
(1/86-4/87)

- Developed process control manuals and implemented process audit systems to effectively control process operations. Established a quality assurance program and a customer-supplier complaint system. Traveled frequently to customer plants in the U.S.A. and Japan to follow up company product and negotiate product specifications. Supervised and trained personnel on quality assurance subjects

Instituto de Investigaciones Eléctricas
Cuernavaca, Morelos, México
Project Engineer
(1981-1985)

- Under a fellowship from United Nations, carried out a complete reservoir engineering study on a geothermal field. Determined aquifer characteristics and well interference by computerized geophysical well log and pump test analyses, geothermal fluid deliverability from two-phase pressure drop in wells, and aquifer production/response mechanisms by tri-dimensional aquifer numerical simulation. Programmed, tested, and implemented several finite difference computer codes using FORTRAN and BASIC computer languages. Wrote manuals, published technical articles, and gave seminars.

Laboratory Manager (1978-1979): Initiated the installation and operation of a chemical laboratory. Conducted physical-chemical analysis on geothermal fluids. Participated in projects related with environmental contamination and energy/minerals recovery from geothermal effluents. Carried out field sampling operations. Supervised four persons.

ACADEMIC ACTIVITIES

- **ESTRELLA MOUNTAIN COMMUNITY COLLEGE (1993):** Gave a Chemical Laboratory course.
- **UNIVERSITY OF SONORA, MEXICO:** Presented several seminars on Contaminant Transport in the Subsurface (1993); Gave courses on Graphic Calculus, Differential and Integral Calculus, and Food technology (1976-1977).
- **INSTITUTE OF ENGINEERING, MEXICALI, B.C., MEXICO:** Gave graduate courses on Contaminant Transport in the Subsurface, Geothermal Reservoir Engineering, and Thermodynamics (since 1984).

Additional Academic Activities

University of Sonora, Hermosillo, Sonora, Mexico (2001-2005): Technical advisor for three Master of Science students in the Environmental Program.

Institute of Engineering, Mexicali, B.C., Mexico (1992-1997): Adjunct Faculty - Gave graduate courses on Contaminant Transport in the Subsurface, Geothermal Reservoir Engineering, and Thermodynamics.

FELLOWSHIPS

United Nations (1981), American States Organization (1988), Mexican Science and Technology Council (1976, 1979), Bank of México (1979, 1988), Mexican Public Education Secretariat (1988), United States Department of Agriculture (2016).

CERTIFICATIONS

Certified Groundwater Professional (NGWA, 2000-2003)

OSHA 8-Hour HWO (last update: 12/2006); OSHA 40-Hour HWO (June 1990)

Arizona Community Colleges Certification: Engineering and Environmental Technology; Registered Professional Engineer in Mexico.

PROFESSIONAL MEMBERSHIPS

Member of the Faculty Advisory Board (FAB) for the MATEC NetWorks National Resource Center; Arizona/Mexico Commission, AZ Water Association, Arizona Hydrological Society; Phoenix Sister Cities Commission, Mexican Abroad Institute, Local Advisor to the Mexican CCIME Advisory Board.

PRESENTATIONS

Castaneda, M. (2016): “Basic and Advanced Math for Water and Wastewater Operators”, 2016 Navajo Drinking Water Conference Training, Phoenix, AZ, April 26-29, 2016.

Jaime Herrera, Kathryn Howard, Mario Castañeda, Sergio Arias Negrete: “International Collaboration: The Universidad de Guanajuato and Maricopa County Community College District” HACU 11th International Conference, Guadalajara, Jalisco, February 25-27, 2015

Castaneda, M. (2012), “GateWay Community College Water Resources Program Partnerships: An Opportunity for Program Success and Collaboration”, Abstract ED53H-05 presented at 2012 Fall Meeting, AGU, San Francisco, Calif., 3-7 Dec.

National Water Quality Monitoring Council 2004 National Monitoring Conference: Arizona Volunteer Monitoring Program, Chattanooga, TN, May 17-20, 2004

Arizona Wellcare Workshop; A Water Quality, Treatment, and Testing@, Water Systems Council-GateWay Community College, Phoenix, AZ., April 30, 2004.

National Groundwater Association Expo 2003: A Transboundary Aquifers: Conflict or an opportunity for Collaboration, Orlando, Florida, December, 9-12, 2003.

AGWSE 2000 ANNUAL MEETING AND CONFERENCE, Presented: Binational Partnership in Assessing Water Quality Problems Along the Arizona-Sonora Border Region@, December 13-14, 2000, Las Vegas, Nevada.

U.S.-MEXICO BORDER HEALTH ASSOCIATION, Presented: Water and Sanitation on the Arizona Border, 58th Annual Meeting, Hermosillo, Sonora, Mexico, May 3-5, 2000

ARIZONA COUNCIL FOR THE SOCIAL STUDIES: SPRING WORKSHOP, Presented:The Nogales-Santa Cruz County Wellhead Protection Program, Nogales, Arizona, April 15, 2000.

THIRD WASTEWATER PRETREATMENT COURSE FOR MEXICAN OFFICIALS, Presented: Water Quality Sampling and QA/QC Methodology, Environmental Protection Agency, CiudadJuarez, Chihuahua, Mexico, October 18-22, 1999.

U.S.-MEXICO 1999 BORDER XXI NATIONAL COORDINATORS MEETING: WATER WORK GROUP, Environmental Protection Agency, Ensenada, Baja California, Mexico, May 12-14, 1999.

SECOND ANNUAL MEETING ON THE BORDER ENVIRONMENT, Presented: Northeast Sonora Water Project, Tijuana, B.C., April 21-25, 1999.

FIRST INTERNATIONAL SYMPOSIUM: WATER IN THE DESERT, Presented: Agua: Un Recurso Compartido que Enfrenta Importantes Retos (Water: A Shared Resource Facing Important Challenges), Aqua 21 Event, Ciudad Juarez, Chihuahua, Mexico, March 22-23, 1999.

ARIZONA HYDROLOGICAL SOCIETY: ELEVENTH ANNUAL SYMPOSIUM: Water at the Confluence of Science, Law, and Public Policy: Presented: Binational Nogales Wash Groundwater Quality Study, Tucson, AZ, September 24-26, 1998.

SECOND WASTEWATER PRETREATMENT COURSE FOR MEXICAN OFFICIALS, Presented: Water Quality Sampling and QA/QC Methodology, Environmental Protection Agency, Nuevo Laredo, Tamaulipas, Mexico, September 7-11, 1998.

U.S./MEXICO CONFERENCE ON HAZARDOUS WASTE MANAGEMENT AND TECHNOLOGIES: Presented: Binational Water Quality Monitoring Activities in the Arizona/Sonora Border Region, Tucson, AZ, August 9-11, 1998.

VI INTERNATIONAL ENGINEERING SYMPOSIUM: Presented: Proyectos Ambientales En La Region Fronteriza de Arizona/Sonora (Environmental Projects in the Arizona/Sonora Border Region), University of Baja California, Mexicali, B.C., Mexico, May 12-14, 1998.

CENTRAL ARIZONA BASINS NAWQA LIAISON COMMITTEE MEETING: Presented: Results of Binational Water Quality Sampling Along Nogales Wash, USGS, Tucson, AZ, November 13, 1997.

FIRST WASTEWATER PRETREATMENT COURSE FOR MEXICAN OFFICIALS, Presented: Water Quality Sampling and QA/QC Methodology, Environmental Protection Agency, Tijuana, B.C., Mexico, September 8-12, 1997.

XXVI HYDROGEOLOGY INTERNATIONAL CONGRESS: Presented: "U.S./Mexican Binational Ground Water Monitoring Activities In The Ambos Nogales Border Region" June 4-10, 1995, Edmonton, Canada.

SECOND NATIONAL MEETING ON GROUND WATER: Presented: "Impacto del Desarrollo Industrial en Acuíferos, Una Perspectiva del Estado de Arizona", Ciudad Obregón, Sonora, México, October 5-7, 1994.

SEVENTH ANNUAL SYMPOSIUM OF THE ARIZONA HYDROLOGICAL SOCIETY: Presented: Binational Ground Water Monitoring Activities in Ambos Nogales", Scottsdale, Arizona, September 22-23, 1994.

9th WORKSHOP ON GEOTHERMAL RESERVOIR ENGINEERING: Presented: "Reservoir Simulation on The Cerro Prieto Geothermal Field: A Continuing Study", Stanford University, Stanford California, December 13-15, 1983.

8th WORKSHOP ON GEOTHERMAL RESERVOIR ENGINEERING: Presented: "Reservoir Simulation Studies on The Cerro Prieto Geothermal Field: Preliminary Results", Stanford University, Stanford California, December 14-16, 1982.

7th WORKSHOP ON GEOTHERMAL RESERVOIR ENGINEERING: Presented: "Well Log Analysis Applied to the Cerro Prieto Geothermal Field", Stanford University, Stanford California, Dec. 13-15, 1981.

SEMINARS ATTENDED

Princeton Remediation Course, Princeton Groundwater Inc., Orlando, Florida, on October 10-14, 2005.

Groundwater Pollution and Hydrology Course, Princeton Groundwater Inc., Orlando, Florida, on July 25-29, 2005

"HEC-RAS Unsteady Flow and Advanced Topics", West Consultants Inc., GateWay Community College, Phoenix, AZ, May 23-25, 2005

USGS Central Region Data Conference, Kansas City, MO, May 16-19, 2005

EPA Seminar on Water Security, Mesa, AZ, March 15-17, 2005

US-Mexico Binational Meeting: Border 2012, Tucson, AZ, March 9, 2005

USGS Safety Training, Phoenix, AZ, February 22-25, 2005

EPA Seminar on Security on Water Treatment Plants, GateWay Community College, Phoenix, AZ, January 11-12, 2005.

**Arizona Water Quality Monitoring Council meeting, Yuma, AZ, December 15-16, 2004
Design and Analysis Workshop, Logan Utah, October 27-29, 2004.**

ArcGis – Spatial Analysis, training course, San Antonio, TX, November 3-5, 2004

ARIZONA POLLUTION CONTROL ASSOCIATION ANNUAL CONFERENCE, Phoenix, AZ, May 5-7, 2004.

ARIZONA WATER POLLUTION CONTROL ASSOCIATION: TRI-STATE CONFERENCE, Laughlin, Nevada, September 25-27, 2003.

ARIZONA FLOOD MANAGEMENT ASSOCIATION CONFERENCE, Globe, AZ, November 13-14, 2003.

ARIZONA WATER POLLUTION CONTROL ASSOCIATION ANNUAL CONFERENCE, Tucson, AZ, April 30-May 2, 2003

INSTITUTE OF THE AMERICAS: IMPLEMENTING INTEGRATED WATER RESOURCES MANAGEMENT FOR THE WESTERN US-MEXICO BORDER REGION, Scottsdale, AZ, December 3-4, 2002.

ARIZONA-MEXICO COMMISSION CONFERENCE, Puerto Peñasco, Sonora, Mexico, November 20-22, 2002

APPLIED ENVIRONMENTAL STATISTICS, International Ground Water Modeling Center, Golden, CO, June 19-23, 2000.

ADVANCED PRETREATMENT, Tri-State Seminar, Environmental Protection Agency, Region 9, Laughlin, Nevada, September 23-24, 1999.

MONITORED NATURAL ATTENUATION FOR GROUNDWATER, Environmental Protection Agency, Region 9, San Francisco, CA. December 14-15, 1998.

REMEDICATION OF CHLORINATED AND RECALCITRANT COMPOUNDS: FIRST INTERNATIONAL CONFERENCE, Battelle, Monterey, CA, May 18-21, 1998.

ACID MINE DRAINAGE, Arizona Department of Environmental Quality, Phoenix, AZ, October 14-15, 1997

FIELD SAMPLING SEMINAR, Environmental Protection Agency, Region 9, San Francisco, CA., June 30-July 1, 1997.

ENVIRONMENTAL INDICATORS FOR THE STORM-WATER SYSTEMS, Environmental Protection Agency, Region 9, San Francisco, CA. March 17-18, 1997

QUALITY ASSURANCE PROGRAM TRAINING, Environmental Protection Agency, Region 9, PHOENIX, AZ, SEPTEMBER 25-27, 1996.

NINTH ANNUAL SYMPOSIUM OF THE ARIZONA HYDROLOGICAL SOCIETY, Prescott, Arizona, September 12-24, 1996.

WASTEWATER TREATMENT WITH ADVANCED INTEGRATED WASTEWATER POND SYSTEMS AND CONSTRUCTED WETLANDS, American Society of Civil Engineers, Albuquerque, NM, March 17-19, 1996

ARIZONA-MEXICO COMMISSION: THE ENVIRONMENT, Phoenix, Arizona, December 7-9, 1995.

WORKSHOP ON BASELINE INDICATORS FOR THE U.S./MEXICO BORDER, Environmental Protection Agency, San Diego, California, September 18-20, 1995.

ARIZONA-MEXICO COMMISSION: THE ENVIRONMENT, Puerto Peñasco, Sonora, México, Abril 27-29, 1995.

SITE CHARACTERIZATION: CURRENT PRACTICE AND AN INTRODUCTION TO DOE'S EXPEDITED PROCEDURE, National Ground Water Association, Las Vegas, Nevada, April 30-May 1, 1995.

ENVIRONMENTAL SAMPLING FOR THE AMBOS NOGALES GROUND WATER MONITORING PROJECT, Arizona Department of Health Services, Nogales, Arizona, September 27-29, 1994.

TREATMENT TECHNOLOGIES FOR SUPERFUND, June 28 - July 1, 1994, U.S. EPA, Region 9, Phoenix, AZ.

ENVIRONMENTAL CHEMISTRY FOR INVESTIGATING AND REMEDIATING SOIL AND GROUNDWATER CONTAMINATION, May 16-18, 1994, University of Wisconsin-Madison, Nashville, Tennessee.

SAMPLING FOR HAZARDOUS MATERIALS, January 4-6, 1994, EPA Environmental Response Training Program, Phoenix, AZ.

HELP: MODELING WORKSHOP FOR LANDFILL DESIGN AND EVALUATION, October 20-22, 1993, University of Wisconsin (Milwaukee), Albuquerque, NM.

TOTAL QUALITY INVOLVEMENT: TOOLS AND TEAM CONCEPTS, August 2-4, 1993, University of Phoenix, Phoenix, Arizona.

GEOGRAPHIC INFORMATION SYSTEMS (GIS): THE ARC/INFO METHOD, May 10 through 21, 1993, State Land Department, Phoenix, Arizona.

FATE, TRANSPORT AND INTERACTION OF METALS: A JOINT US-MEXICO CONFERENCE, April 13-16, 1993, Tucson, Arizona.

8-HOUR HAZARDOUS WASTE SITE HEALTH AND SAFETY, Arizona State University, February 17, 1993, Phoenix, Arizona.

TRANSPORT AND FATE OF CONTAMINANTS IN THE SUBSURFACE, Environmental Protection Agency, December 15-17, 1992, San Francisco, Ca.

ENVIRONMENTAL SAMPLING, Arizona Dept. of Health Services, June 9, 1992, Phoenix, Arizona.

40-HOUR HAZARDOUS WASTE SITE HEALTH AND SAFETY, June 1990, Anaheim, California.

PUBLICATIONS

Castaneda, M.O., Horne, R.N.: "Location Of Production Zones With Pressure Gradient Logging", Geothermal Resources Council, Trans., Volume #5, October 1981.

Castaneda, M.O. et al (1981): "Well Log Analysis Applied To The Cerro Prieto Geothermal Field",

7th Workshop On Geothermal Reservoir Engineering, Stanford University, Stanford California, Dec. 13-15.

Castaneda, M.O., et al (1982): "Reservoir Simulation Studies on the Cerro Prieto Geothermal Field: Preliminary Results", 8th Workshop On Geothermal Reservoir Engineering, Stanford University, Stanford California, December 14-16.

Castaneda, M.O., et al (1983): "Reservoir Simulation on The Cerro Prieto Geothermal Field: A Continuing Study", 9th Workshop On Geothermal Reservoir Engineering, Stanford University, Stanford California, December 13-15.

Castañeda, Mario (1994): "Impacto del Desarrollo Industrial en Acuíferos, Una Perspectiva del Estado de Arizona", Segunda Reunión Nacional de Aguas Subterráneas, Ciudad Obregón, Sonora, México, Octubre 5-7.

Castañeda, Mario (1994): Binational Ground Water Monitoring Activities in Ambos Nogales", Seventh Annual Symposium of the Arizona Hydrological Society, Scottsdale, Arizona, September 22-23.

Castañeda, Mario (1995): "U.S./Mexican Binational Ground Water Monitoring Activities In The Ambos Nogales Border Region", XXVI Hydrologists International Congress, Edmonton, Canada, June 4-10.

Castaneda, Mario (1998): Binational Water Quality Monitoring Activities Along the Arizona-Sonora Border Region, National Water Quality Monitoring Conference, July 7-9, Reno, Nevada. Also in: United States/Mexico Conference on Hazardous Waste, August 9-11, Tucson, Arizona.

As Co-author:

Gomez-Alvarez, A.; Villalba-Atondo, A.; Castaneda-Olivares, M.; Kamp, D: "Water Quality in the Northeast of Sonora State, Mexico", Second International Transboundary Water Symposium, Tucson, AZ, November 17-19, 2004

Gomez-Alvarez, A; Villalba-Atondo, A; Acosta-Ruiz, G; Castaneda-Olivares, M; Kamp, D: Environmental Impact on the Water Quality of the Sonoran San Pedro Surface Water by Mining and Urban Activity, First International Symposium on Transboundary Waters Management, Monterrey, Nuevo Leon, Mexico, November 19-20, 2002.

Gomez-Alvarez, A; Villalba-Atondo, A; Acosta-Ruiz, G; Castaneda-Olivares, M; Kamp, D: "Estudio de la Calidad Fisicoquímica del Agua Superficial del Rio San Pedro durante el Periodo de 1997-1999", Seminario Minero Sonora, Hermosillo, Sonora, Mexico, Octubre 2002.

Horne, R.N., Castaneda, M.O. (1981): "Location of Production Zones with Pressure Gradient Logging", New Zealand Geothermal Workshop, New Zealand.

E.R. Iglesias, V.M. Arellano, M. Castañeda, y R. Marquez (1986): Developments in Geothermal Energy in Mexico-Part Eight: Geothermal Reservoir Energy Recovery: A 3-D Numerical Simulation Study of the Cerro Prieto Geothermal Field, J. Heat Recovery Systems, 6(6), 451-463.

REPORTS

Castaneda, M. /Mittelhauser Corporation, Laguna Hills, California (April 1991): "Aquifer Test Data Evaluation - Mobil Service Station 11-ED5", prepared for Remedial Management Corporation, Newport Beach, California.

Castaneda, M. /Mittelhauser Corporation, Laguna Hills, California (April 1991): "Aquifer Test

Data Evaluation - Mobil Service Station 11-EYP", prepared for Remedial Management Corporation, Newport Beach, California.

Castaneda, M. /Mittelhauser Corporation, Laguna Hills, California (January 1991): "Tidal Study Report, Morro Bay Power Plant - December 15-18, 1990", prepared for Pacific Gas And Electric Company, San Francisco, California.

Castaneda, M.O., et al (1983): "Entrenamiento Sistemático Para El Desarrollo De La Ingeniería De Yacimientos En El Campo Geotérmico De Cerro Prieto (Systematic Reservoir Engineering Training For The Development of the Cerro Prieto Geothermal Field)", Instituto De Investigaciones Eléctricas, Internal Report IIE/11/1678/FE-G30/I- 03/F, Cuernavaca, Morelos, México.

Castaneda, M.O., et al (1983): "Manual De Metodología Básica Para La Ingeniería De Yacimientos Geotérmicos En El Campo Geotérmico De Cerro Prieto" (Basic Methodology Manual on Geothermal Reservoir Engineering for the Cerro Prieto Geothermal Field), Instituto de Investigaciones Eléctricas, Internal Report, Cuernavaca, Morelos, México.

S. Mercado, J.A. Lopez, R. Angulo, G.H. Barroso, M. Castaneda : "Extracción De Cloruro De Potasio De La Salmuera De Desecho De La Planta Geotérmica De Cerro Prieto (Potassium Chloride Extraction From The Cerro Prieto Geothermal Brines)", Instituto De Investigaciones Eléctricas, Internal Report IIE/FE-G5/10, Cuernavaca, Morelos, México, October 1979.

S. Mercado, J.A. Lopez, R. Angulo, G.H. Barroso, M. Castaneda: "Extracción de Litio De La Salmuera Geotérmica De Cerro Prieto (Lithium Extraction From The Cerro Prieto Geothermal Brines)", Instituto De Investigaciones Eléctricas, Internal Report IIE/FE- G5/II, Cuernavaca, Morelos, México, November 1980.

S. Mercado, J.A. Lopez, R. Angulo, G.H. Barroso, M. Castaneda: "Evaluación De La Contaminación Por Salmuera Geotérmica Y Aprovechamiento De La Misma (Geothermal Brine Contamination Evaluation and its Use)", Instituto De Investigaciones Eléctricas, Internal Report IIE/FE-G5/7, Cuernavaca, Morelos. México, December 1978.