



**Exponent<sup>®</sup>**  
Engineering & Scientific Consulting

## Denise Alder Guthertz

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### Professional Profile

Denise Alder Guthertz is a Managing Scientist and comes to Exponent following over 28 years of California public service, including 23 years at the California Department of Pesticide Regulation (DPR) and 5 years with the California Department of Water Resources (DWR).

At Exponent, Denise specializes in the state registration of pesticide products, label amendments, and renewals. Denise also facilitates the federal registration of pesticides under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) including preparing registration packages for new products and corresponding with the EPA on behalf of existing registrations.

Before coming to Exponent, Denise was the staff specialist and Branch consultant for the pesticide registration program at DPR. She was responsible for the reevaluation program, which entailed coordinating staff assignments, providing consultative support, and leading staff coordination efforts to improve workflow and facilitate project completion. During her time at DPR, Denise prepared regulatory and compliance documents, notices, and status reports. She frequently presented information on the reevaluation program at internal and external technical meetings. From 1999 to 2022, Denise was the lead specialist for the Birth Defect Prevention Act (SB950) and Pesticide Contamination Prevention Act (AB2021). Additionally, Denise has fundamental knowledge of DPR's public facing Product/Label Database, Pesticide Data Index, Pesticide Use Reporting, Volatile Organic Compounds (VOC) Emissions Database, and other databases routinely used by both regulators and the regulated community.

From 2007 to 2022, Denise represented DPR at regular meetings lead by Purdue University's Center for Environmental & Regulatory Information Systems, National Pesticide Information Retrieval System (NPIRS) and Accepted Labels State Tracking and Repository (ALSTAR). While attending these meetings, Denise served on several workgroups where she collaborated with other regulators, chemical companies, and their agents to develop document upload requirements, initiate a universal state registration application, and identify how ALSTAR could interface with existing state systems. Denise is very familiar with the ALSTAR application and routinely uses ALSTAR to submit labels to states and accesses the reporting tool.

In addition to her time at DPR, Denise previously worked at California Resources Agency's DWR Division of Planning and Local Assistance Unit as a scientific aide where she collaborated with other scientists to assess the quality of California waters and co-authored memorandum and technical reports.

Denise is well known by industry and regulatory authorities alike and has been instrumental in being a source of information to DPR's registration and reevaluation programs

## Academic Credentials & Professional Honors

B.S., Biological Sciences, California State University, Fresno, 1997

Recipient, Merit Award: Director's Award for Professional Integrity, Superior Accomplishment – Gold, 2017-2018

Recipient, Merit Award: Director's Award for Inspiration, Superior Accomplishment – Gold, 2015-2016

Recipient, Merit Award: Director's Award for Innovation and Ingenuity, Superior Accomplishment – Gold, 2013-2014

Recipient, Merit Award: Director's Award for Professional Integrity, Superior Accomplishment – Gold, 2013-2014

Recipient, Merit Award: Life Membership to the National Pesticide Information Retrieval System, Center for Environmental & Regulatory Information Systems, 2013

## Prior Experience

Lead Reevaluation Coordinator, Senior Environmental Scientist (Specialist), Pesticide Registration Branch, Department of Pesticide Regulation (DPR) 2009-2022

Reevaluation Coordinator, Program Specialist, Pesticide Registration Branch, Department of Pesticide Regulation (DPR) 2005-2009

Environmental Scientist, Pest and Disease Protection Unit, Pesticide Registration Branch, Department of Pesticide Regulation (DPR) 2002 - 2005

Associate Environmental Research Scientist, Training and Development Assignment, Pesticide Registration Branch, Department of Pesticide Regulation (DPR) 2001 – 2002

Registration Specialist, Pesticide Registration Branch, Department of Pesticide Regulation (DPR) 1999 – 2001

Scientific Aide, Division of Planning and Local Assistance, Department of Water Resources (DWR) 1997 – 1999

## Publications

### Reports

Troiano J, Tafarella B, Kolosovich A, Cameron, R, Alder, D, Darling, R. (2018) California Neonicotinoid Risk Determination. California Department of Pesticide Regulation.

U.S. EPA, & DPR. (2016). Preliminary Pollinator Assessment to Support the Registration Review of Imidacloprid. Report Number EPA-HQ-OPP-2008-0844-0140. Washington, D.C.: U.S. EPA.

Commandatore, A.M, Webster, D, Jung, M. (1998) The North Bay Aqueduct Barker Slough Watershed Water Quality Phase I Report. California Department of Water Resources.

### Presentations

Alder, D, Clendenin, B, Darling, R. Neonicotinoid Public Feedback Webinars on Proposed Pollinator Protection Mitigation, Sacramento, CA, August 11 and August 12, 2020.

Alder, D, Froman, K. California's Revised Notice of Decision & Public Report Documentation. New Orleans, LA, October 2, 2019

Alder, D, McNabb, B. Proposed Decision for Reevaluation of Second-General Anticoagulant Rodenticides, Pesticide Registration and Evaluation Committee (PREC) presentation, Sacramento, CA, January 18, 2019.

Alder, D. National Pesticide Information Retrieval System (NPIRS) State Data and Accepted Labels State Tracking and Repository (ALSTAR) Panel Discussion, Denver, CO, October 3, 2018.

Alder, D, Davidson, K, Tomlinson, M. State Data Panel Discussion, Nashville, TN, November 14, 2017

Alder, D. Neonicotinoid Update, PREC presentation, Sacramento, CA, July 21, 2017.

Alder, D. Successes and Challenges of Electronic Document Comparison. Las Vegas, NV, October 1, 2015.

Alder, D. Update on Neonicotinoid Reevaluation, PREC presentation, Sacramento, CA, May 15, 2015.

Alder, D. Pollinator Protection Labeling Initiative, Las Vegas, NV, September 9, 2014

Alder, D. Pesticide Registration Data Management System Project, PREC presentation, Sacramento, CA, May 16, 2014.

Alder, D. Pollinator Protection Labeling Initiative Update, PREC presentation, Sacramento, CA, January 17, 2014.

Alder, D. California Surface Water and Non-Fumigant Regulations, Las Vegas, NV, September 11, 2013.

Alder, D. Update on Reevaluation of Neonicotinoids, PREC presentation, Sacramento, CA, July 20, 2012.

Alder, D. Registering Pesticides in California, Las Vegas, NV, October 19, 2011

Alder, D. Status of Neonicotinoid Reevaluation, PREC presentation, Sacramento, CA, March 18, 2011.

Alder, D. Update on Neonicotinoid Reevaluation, PREC presentation, Sacramento, CA, September 16, 2010.

Alder, D, King, W, Quakenbush, L. Transitioning from Paper to Electronic Documents – State Challenges and Opportunities, Denver, CO, September 30, 2009

Clark, C, King, W, Quakenbush, L, Stutz, J, Webster, D. Integrating ALSTAR into State Processes – Panel Discussion. Sacramento, CA, June 11, 2009

Webster, D. Reevaluation Status. PREC presentation, Sacramento, CA, March 5, 2009.

Webster, D. Status of Chlorpyrifos and Diazinon Reevaluations. PREC presentation, Sacramento, CA, January 16, 2009.

Webster, D. Update on U.S. EPA Rodenticide Risk Mitigation Decision. PREC presentation, Sacramento, CA, July 18, 2008.

Webster, D. Initiation of Sulfuryl Fluoride Reevaluation. PREC presentation, Sacramento, CA, July 18, 2008.

Webster, D. Update on Brodifacoum Reevaluation. PREC presentation, Sacramento, CA, May 16, 2008.

Webster, D. Update on Reevaluation. PREC presentation, Sacramento, CA, January 18, 2008.

## Project Experience

Prepared and submitted state registration applications for new pesticide products and label amendments for existing registered products.

Assisted with the regular renewal of pesticide registrations in the various US states.

Familiar with Purdue University's Accepted Labels State Tracking and Repository (ALSTAR) to submit labels and other documents.

## Additional Education & Training

June 2022, Distinguished Toastmaster, Toastmasters International.

## Advisory Appointments

National Pesticide Information Retrieval System (NPIRS) Advisory Committee, Secretary 2016-2022