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**Education and  
Credentials**

M.A., Biology, California State  
University, Hayward, California,  
1976

A.B., Environmental Studies  
(Biology and Ecology emphasis),  
University of California, Berkeley,  
1975

**Continuing Education  
and Training**

Hazardous Waste Operations and  
Emergency Response 40-Hour  
Certification (2014)

**Professional Affiliations**

Member of Society of Ecological  
Restoration

**Professional Profile**

Mr. Mike Ammann is a consultant in ecology, natural resource damage assessment, and oil spill response with more than 35 years of experience managing a wide range of environmental issues in both government and industry. He has led, coordinated, and developed tactics and strategies for technical negotiations with state and federal trustees for claims associated with injuries to natural resources stemming from releases of oil and hazardous wastes. Mr. Ammann also has managed joint research projects for electric and gas utilities, and has been involved in basin planning for the San Francisco Bay.

**Relevant Experience**

**Natural Resource Damage Assessment**

*Castro Cove NRDA, Richmond, California*—Led and managed technical negotiations with state and federal trustees, to arrive at a restoration-based, cooperative settlement.

*Lawrenceville Refinery NRDA, Lawrenceville, Illinois*—Led and managed technical negotiations with state and federal trustees, to arrive at a cooperative settlement.

*Palmer Barge, Port Arthur, Texas*—Led and managed technical negotiations with state and federal trustees, to arrive at a restoration-based, cooperative settlement.

*Bay Point Pipeline Spill NRDA, Bay Point, California*—Led and managed technical negotiations with state and federal trustees, to arrive at a restoration-based, cooperative settlement.

*East Loch Pearl Harbor NRDA, Pearl Harbor, Hawaii*—Led and managed technical negotiations with state and federal trustees, to arrive at a restoration-based, cooperative settlement.

*Restoration Catalog, San Francisco Bay, California*—Led and managed a project team to develop a catalog of suitable restoration projects in San Francisco Bay during the early stages of an NRDA.

*West Coast Joint Assessment Team (JAT)*—Cofounded the West Coast JAT for the purpose of developing positive and productive



relationships between industry and trustee agencies. Several other JATs were established and modeled after the West Coast JAT.

## Oil Spill Response

**Oil Spill Response Leadership**—Provided oil spill response training in the U.S., Singapore, Malaysia, and Venezuela, based on experience gained in oil spill response and the Incident Command System.

## Ecology

**Habitat Modification Management**—Led and managed a team to develop a tool that helps project managers make informed decisions and avoid or minimize impacts to habitats when overseeing site cleanup and remediation. The tool also provides a science-based approach to identifying appropriate restoration end-point metrics and estimating costs associated with wetland and mangrove restoration.

**Regulation of Tree Growth under Power Lines**—Led and managed a consortium of public utilities conducting research on plant growth regulators. This work enabled electric utilities to reduce the annual cost of managing tree growth under power lines.

## Publications

Sanders, B., M. Ammann, R. Hoff, M. Huston, K. Jenkins, T. Palagyi, K. Pelto, T. Rettig, and A. Wagner. 2015. Coordinating ecological risk assessment with natural resource damage assessment: A panel discussion. *Integr. Environ. Assess. Manag.* DOI: 10.1002/ieam.1721.

Jarvis, F., A. Oliviera, M. Ammann, and S. Ritchie. 1982. Preliminary sanitary survey report for the South Bay study area. San Francisco Bay Regional Water Quality Control Board, Oakland, CA.

Ammann, M., and F. Jarvis. 1980. Drogue study: North Bayside system unit's joint outfall, September 8 and 9, 1980. San Francisco Bay Regional Water Quality Control Board, Oakland, CA.

## Invited Presentations/Panels/Peer Reviews

Industry and trustee discussion of challenges associated with conducting cooperative NRDA in the Arctic. Discussion leader: impacts to marine mammals. NRDA in the Arctic: The Dialogue Begins. April 2010.

Panelist: obstacles to conducting cooperative assessments and lessons learned to improve the process. NOAA Cooperative Assessment Workshop, San Diego. June 2004.

Setting the Stage for a Cooperative NRDA—The Bay Point, CA, Oil Spill: A Case Study. March 2002.

How NRDA Really Works: Industry and Trustee Perspectives. Roundtable sponsored by the Pacific States/British Columbia Oil Spill Task Force. February 2002.



## Presentations/Posters

Castel, R.K., K.D. Malamma, and M.J. Ammann. 2003. The area remediation assessment team approach to integrated land oil spill restoration. pp. 413–417. In: International Oil Spill Conference Proceedings: April 2003, Vol. 2003, No. 1.

W.R. Gala, G.A. Rausina, M.J. Ammann, and P. Krause. 2001. Predicting the aquatic toxicity of crude oils. pp. 935–940. In: International Oil Spill Conference Proceedings: March 2001, Vol. 2001, No. 2.

Gala, W.R., G.A. Rausina, M.J. Ammann, E.A. Harvey, P.Y. O'Brien, J.P. Suzuki, L.A. Young, J. Newman, M.M. Singer, and R.S. Tjeerdema. 1997. Oil-specific properties summary sheets for spill response. pp. 929–930. In: International Oil Spill Conference Proceedings: April 1997, Vol. 1997, No. 1.

Helm, R.C., and M. Ammann. 1997. Joint trustee/industry cooperative pre-spill and NRDA planning. pp. 1031–1032. In: International Oil Spill Conference Proceedings: April 1997, Vol. 1997, No. 1.

