



**Joseph P. Nicolette, CH2M HILL**

**Vice President, EcoValuation Practice Director**

*Net Environmental Benefit Analysis and Remediation*

*Natural Resource Valuation*

*Natural Resource Damage Assessment*

**Mr. Nicolette** has over 25 years of experience in the environmental consulting field. In his position as CH2M HILL Vice President and Practice Director for EcoValuation, he provides strategic advice and oversight for projects related to site cleanup, reuse, and land asset management. His experience includes the use of natural resource economic valuation models for estimating the environmental impacts and/or benefits associated with site contamination, proposed remediation, land development, and restoration.

He has managed several large multi-million dollar natural resource injury/NRDA projects and has been involved in more than 50 NRDA liability (Comprehensive Environmental Response, Compensation, and Liability Act [CERCLA], Oil Pollution Act [OPA], and Clean Water Act [CWA]-related issues) associated projects since 1990. Mr. Nicolette's experience includes client strategy development regarding injury assessment and restoration planning, CERCLA and NRDA allocation modeling, agency negotiations, technical assessment design, and technical data review, assessment, and interpretation.

Mr. Nicolette has also served as a technical and/or expert witness in support of multiple environmental litigation matters. These cases focused on subject matter related to natural resource damage assessments (NRDA's) and the effects of contaminant releases on the environment. Mr. Nicolette has provided testimony via both written affidavits and deposition. Mr. Nicolette has experience on over 50 NRDA related cases.

Mr. Nicolette has made demonstrated contributions in developing what is known as a *net environmental benefits analysis (NEBA)* approach. The overall purpose of a NEBA is to support the development and selection of remedial strategies that provide the greatest net environmental benefit to the public while managing site risks (i.e., maintaining protection of the environment). The NEBA concept is presented in a paper that he recently co-authored with risk assessors from Oak Ridge National Laboratory (Rebecca Efroymsen) and the USEPA (Glenn Suter) entitled "A Framework for Net Environmental Benefit Analysis for Remediation or Restoration of Contaminated Sites." The paper was published in *Environmental Management* in August 2004. Mr. Nicolette has been coordinating with EPA HQ on pilot studies regarding the use of NEBA to assist in demonstrating the benefits of the superfund program. In addition, he has conducted multiple NEBA's for private industry.