

**Invitation for Public Comment on the List of Candidates for the
EPA Science Advisory Board Scientific and Technological Achievement Awards
Committee Augmented for 2010-2011**

April 14, 2010

The U.S. Environmental Protection Agency (EPA) Science Advisory Board (SAB) Staff Office announced in a *Federal Register* Notice (Volume 75, Number 44, Pages 10481 – 10482) published on March 8, 2010 that it was augmenting and soliciting expertise on the SAB Scientific and Technological Achievement Awards (STAA) Committee. The SAB Staff Office sought public nominations of nationally and internationally recognized scientists with experience and expertise in the following areas: Ecosystems and Ecological Risk Assessment. The augmented STAA Committee will review scientific publications nominated by EPA managers and make recommendations to the Administrator for recognition and awards.

Accordingly, the SAB Staff Office identified two candidates for STAA Committee membership. The current STAA Committee membership is provided at the following Web site: <http://yosemite.epa.gov/sab/sabpeople.nsf/WebCommitteesSubcommittees/Scientific%20and%20Technological%20Achievement%20Awards%202009-2011>.

The SAB Staff Office Director will make the final decision about who will serve on the Committee based on all relevant information. This includes a review of the confidential disclosure form (EPA Form 3110-48) and information gathered by staff and public comments. For the EPA SAB Staff Office, a balanced Committee is characterized by inclusion of candidates who possess the necessary domains of knowledge, the relevant scientific perspectives (which, among other factors, can be influenced by work history and affiliation), and the collective breadth of experience to adequately address the general charge. Specific criteria to be used in evaluating a candidate include: a) scientific and/or technical expertise, knowledge, and experience; b) availability and willingness to serve; c) absence of financial conflicts of interest; d) absence of appearance of a lack of impartiality; e) skills working in committees, subcommittees, and advisory panels; and, for the Committee as a whole, f) diversity of expertise and viewpoints.

We hereby invite public comments on the List of Candidates for STAA Committee membership that the SAB Staff Office should consider in the formation of the augmented STAA Committee. Comments should be submitted to the attention of Mr. Edward Hanlon, Designated Federal Officer, no later than May 5, 2010. E-mailing comments (hanlon.edward@epa.gov) is the preferred mode of receipt.

Candidates for Additional Experts to Augment the 2010-2011 Scientific and Technological Achievement Awards (STAA) Committee

Chapman, Peter

Golder Associates

Dr. Peter M. Chapman is a Principal and Senior Environmental Scientist at Golder Associates Ltd (Burnaby, BC, Canada). He received his B.Sc. in Marine Biology (1974), M.Sc. in Biological Oceanography (1976), and Ph.D. in Benthic Ecology (1979) at the University of Victoria, BC, Canada. Dr. Chapman's professional areas of specialization are ecotoxicology/toxicity testing, ecological risk assessment, and aquatic ecology. He has directed development and source evaluation studies of contaminants and other stressors in water and sediment involving sewage treatment plants, mining, manufacturing, pulp and paper, wood processing, hazardous waste disposal, landfill operations, oil and gas, smelting and food processing. Dr. Chapman has served as an advisor to the federal governments of both the United States and Canada for environmental toxicology and biomonitoring assessment policy and protocols and directed projects (for government and industry) involving biological monitoring; assessment of contaminant levels in tissues, sediments and water; ecological surveys; literature reviews for ranking environmental contaminants; and, bioassessment (e.g., toxicity testing). He has developed and verified a variety of bioassessment protocols for measuring/ predicting toxicity and bioaccumulation, including the use of benthic indicators for contaminant analysis and various toxicity tests. Dr. Chapman's research was key to the development of the Sediment Quality Triad weight-of-evidence approach to determining pollution-induced degradation in aquatic ecosystems. He is the author of over 170 refereed journal and book publications and over 200 technical reports on subjects including: taxonomy, aquatic ecology, development of monitoring programs, risk assessment, and biological effects of chemicals. Dr. Chapman is Senior Editor for the journal Human and Ecological Risk Assessment, Editor of the Learned Discourses in the journal Integrated Environmental Assessment and Management (IEAM), and serves on the Editorial Boards of the journals Marine Pollution Bulletin, IEAM and Environmental Toxicology and Chemistry. He is a member of the U.S. Environmental Protection Agency (EPA) Science Advisory Board Ecological Processes and Effects Committee. In 1996 Dr. Chapman received an award from EPA Region 10 for resolving environmental issues in Port Valdez, Alaska. In 2001 the Society of Environmental Toxicology and Chemistry (SETAC) awarded Dr. Chapman its highest award, the Founders Award, for an outstanding career and contributions to the environmental sciences.

Landis, Wayne

Western Washington University

Dr. Wayne Landis is Professor and Director, Institute of Environmental Toxicology Huxley College of the Environment, Western Washington University. He received a B.A. in Biology from Wake Forest University, (1974), an M.A. in Biology from Indiana University (1978), and a Ph.D. in Zoology from Indiana University (1979). Dr. Landis' areas of expertise and research activities include: environmental toxicology, the effects of toxicants on populations, and ecological risk assessment at large spatial and temporal scales. His research contributions also include: co-development of the Community Conditioning Hypothesis, the use of multivariate analysis in microcosm data analysis, creation of the Action at a Distance Hypothesis for landscape toxicology, the application of complex systems theory to risk assessment, and development of the Relative Risk Model for multiple stressor and regional-scale risk assessment and specialized methods for calculating risk due to invasive species and emergent diseases. Dr. Landis has authored over 130 peer-reviewed publications and government technical reports, made over 220 scientific presentations, edited four books, and wrote the textbook, Introduction to Environmental Toxicology, now in its fourth edition. He has consulted for industry; non governmental organizations as well as federal (U.S. and Canada), state, provincial, and local governments. Dr. Landis has served on the American Society of Testing and Materials (ASTM) Committee on Publications overseeing a variety of environmentally related symposia proceedings He serves on the editorial boards of the journals Human and Ecological Risk Assessment and Integrated Environmental Assessment and Management, and is the ecological risk area editor for Risk Analysis. He is a member of the Society of Environmental Toxicology and Chemistry (SETAC) and served on the SETAC Board of Directors from 2000-2003. In 2007 he was named a Fellow of the Society for Risk Analysis.