

## Shelley Lynne Luce, D.Env.

Executive Director, Santa Monica Bay Restoration Commission

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320 W. 4<sup>th</sup> St., Suite 200, Los Angeles, CA 90013 Tel: 213-576-6642  
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### Education

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Doctorate Environmental Sciences and Engineering, University of California Los Angeles, 2003  
Master of Science, Biology, University of New Brunswick, 1996  
Bachelor of Science, Biology, McGill University, 1992

### Areas of Expertise

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#### Water quality and supply, engineering hydrology

- Policy and technical development of water quality regulations (e.g. total maximum daily loads); water quality improvement project planning and implementation; stormwater and urban runoff best management practices

#### Environmental performance measures

- EMAP; CRAM; IWRAP; IBM; other USEPA and Cal EPA measures; marine and wetland environmental indicators

#### Aquatic biology and ecology

- Planning and conducting research and data analysis; environmental restoration planning

#### Environmental policy and law

- Work with regulatory agencies and regulated community; develop and administer programs to help meet state-wide and national water quality requirements and habitat objectives; review CEQA documents for technical and legal compliance

### Qualifications

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**Education.** I hold a Doctorate of Environmental Science and Engineering (2003) from the University of California, Los Angeles. As a senior environmental scientist and manager I have over ten years professional experience in designing, conducting and managing complex research projects in both the field and laboratory. My interdisciplinary degree also focused on environmental management, policy, law and problem solving.

**Leadership.** As Executive Director of a California state agency, I lead staff and a diverse Governing Board in efforts to restore and protect the many uses of a large, complex, urban water body (Santa Monica Bay). I direct research, make funding decisions, and implement strategic plans and new initiatives to accomplish measurable results. I advance our ecological goals and advise others through participation on numerous committees and working groups throughout the state and nation. As a manager I am flexible and innovative while maintaining a high level of accountability among staff.

**Strong background in research and data interpretation.** My professional experience requires understanding current research and applying it to real-world problems, interpreting complex data sets for decision-making in environmental policy, planning new research to meet policy needs, and strategizing long-term program funding.

**Broad environmental policy expertise.** Water quality, energy policy and environmental justice are my areas of greatest policy expertise. I helped develop new and controversial water quality regulations in California under the US Clean Water Act, and have expertise in urban development issues, wastewater treatment technology and policy, and river restoration practice and law. As Science Director on a citizens' initiative to implement an innovative new clean energy policy in California, I have expertise in alternative fuels and renewable energy technology and policy. I have also worked on numerous projects with important environmental justice elements, including open space planning in

the extremely park-poor Los Angeles region and consumption of contaminated fish by subsistence fishers in urban communities.

**Multi-stakeholder, multi-cultural issues in environment and public health.** All levels of government, plus academia, industry and the public are partners in my organization's projects to develop innovative policy and implement environmental programs to meet ecological and social goals. I work closely with all stakeholders to ensure a fair and inclusive process that achieves measurable goals within established timelines. Recognizing that environmental quality and public health are inseparable scientific and as well as social issues, I have reached out to diverse stakeholders and participated in new forums and initiatives to address the different aspects of these problems.

**Deep commitment to sustainable resource management and human development.** I have worked to broaden my expertise in the areas of water resource management and renewable energy with the goal of further contributing to sustainable development in the United States and abroad.

### **Positions Held**

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**Executive Director, Santa Monica Bay Restoration Commission**      **2006 – present**  
**320 W. 4<sup>th</sup> St., Suite 22, Los Angeles, CA 90013**      **Tel. 213-576-6645**  
Lead a government agency and decision-making body on major environmental policy and funding from a variety of state, federal and private sources; responsible for a staff of 10 and a budget of \$2,000,000 plus tens of millions in grants awarded; work closely with state and federal elected officials to improve funding and build support for environmental initiatives; innovate new policy on stream protection and restoration, urban development, water supply and conservation, and environmental justice issues; lead controversial restoration and water quality improvement projects in litigious atmosphere through strong direction and consensus-building; advise numerous scientific panels and groups in southern California region; perform public speaking and expert testimony.

**Science Director, Yes on Prop 87**      **2006**  
**Address**  
Technical expert and principle spokesperson for controversial California ballot initiative to place an extraction fee on oil drilling and create a fund for clean alternative energy incentives; reviewed policy and legal language of bill; approved technical and economic studies on the policy impacts to air pollution, global warming, public health and the state economy; developed outreach materials; performed dozens of television and radio interviews, debates and press conferences before technical and lay audiences; met with newspaper editorial boards; assisted in fundraising; provided expert briefings to major funders and spokespeople including Vice-President Al Gore and others.

**Science and Policy Director, Heal the Bay**      **2004 – 2006**  
**1444 9<sup>th</sup> St., Santa Monica, CA 90401**      **Tel. 310-451-1500**  
Managed eight technical and policy staff; developed programs and projects; managed grants totaling over \$1,000,000; prepared technical and policy reviews of major developments as well as regulatory and permitting issues; gained stricter water quality and development regulations through expert comments and testimony to state boards and commissions under the California Environmental Quality Act.

**Environmental Specialist, California Water Resources Control Board**      **1999 – 2001**  
**320 W. 4<sup>th</sup> St., Suite 200, Los Angeles, CA 90013**      **Tel. 213-576-6600**

Select Publications, Presentations and Continuing Education