



bay restoration commission

STEWARDS OF SANTA MONICA BAY

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February 9, 2012

Agenda Item #3 c

To: Governing Board, SMBRC

From: Shelley Luce, Executive Director

Subject: Technical Advisory Committee (TAC) Appointment Renewals and New Appointments

Action Requested of the Governing Board:

Consider the renewal of TAC appointments, as well as new TAC appointments, as follows:

1. The TAC recommends renewing the terms of the following members (listed in alphabetical order):
 - Dr. Richard Ambrose
 - Steve Bay, M.S.
 - Dr. David Caron
 - Dr. Mas Dojiri
 - Dr. Rainer Hoenicke
 - Dr. Burton Jones
 - Dr. Karen Martin
 - Dr. Dan Pondella
2. The TAC unanimously recommends appointing the following new members:
 - Dr. John Dorsey
 - Dr. Terrie Hogue

Background

The TAC functions as an unbiased scientific panel that provides reasoned recommendations on research projects and project implementation priorities to the Governing Board.

Membership on the TAC is for a two-year term. The number of terms served by an individual is not limited but must be renewed. The TAC members will work with staff to nominate new (or existing) members, for approval by the Governing Board. The members of the TAC will appoint a Chair, for a two-year term. The number of terms as Chair served by an individual is not limited but must be renewed. Staff will review TAC membership and present this review at alternating end-of-year meetings as described by the staff policy on reviewing TAC membership.

The qualifications for TAC membership are specified in the SMBRC MOU (2011). Members should be experts in coastal and watershed science who are able to provide scientific opinions on a broad range of subject areas. TAC members should also have a working knowledge of the current scientific literature in their field and preferably are actively publishing. Finally, TAC members should be able to work collaboratively to reach consensus on technical issues to present to the Governing Board. TAC members can be drawn from a variety of sectors, but they

our mission: to restore and enhance the santa monica bay through actions and partnerships that improve water quality, conserve and rehabilitate natural resources, and protect the bay's benefits and values





function as disinterested scientific experts, not as representatives of their sectors. In addition, when taken as a whole, the TAC should include a range of scientific specialties, for example intertidal ecology, fisheries, physical oceanography, plankton, sea birds, sediments, wetlands, etc.

The scientific fields represented by the existing TAC members and the coastal and watershed issues they have experience with are summarized below.

Name	Affiliation	Expertise	Related Issues	Since
Richard Ambrose (Chair)	UCLA, Environmental Health Sciences	Environmental biology, ecology of coastal areas, resource management	Rocky intertidal and wetland monitoring, Habitat evaluation	2003
Steve Bay (Vice Chair)	SCCWRP	Environmental toxicology, tissue contamination, emerging contaminants	Effect of pollutants on marine life	2003
David Caron	USC	Microbial ecology, oceanography	Harmful algal blooms	2008
Mas Dojiri	City of LA Environmental Monitoring Division	Environmental monitoring, marine biology	Sediment contamination in the ocean	2008
Rainer Hoenicke	San Francisco Estuary Institute	Systems ecology, watershed processes	Fate and transport of pollutants through urban watershed	2008
Karen Martin	Pepperdine University	Beach ecology, physiology of grunion	Beach monitoring, beach maintenance and wildlife	2008
Dan Pondella	Occidental College, Vantuna Research Group	Fish ecology, evolution, and life-history	Sub-tidal rocky reef & kelp forest monitoring, artificial reefs	2003

Background on Dr. Dorsey Recommendation

Jenny Jay, a microbial biologist at UCLA, resigned from the TAC this year. Staff and the TAC feel it is important to have this or a closely related field represented.

The TAC unanimously recommends Dr. John Dorsey. He served on the TAC (before it was restructured) from 2003-2007 as chair and formerly worked in the Watershed Protection Division for the City of Los Angeles Bureau of Sanitation. He is currently a professor at LMU and has been conducting relevant research on bacterial loading in the Ballona Wetlands in cooperation with SMBRF's Ballona monitoring program. His expertise is in wetland ecology and microbial dynamics, and he is engaged broadly with issues with which the TAC deals. Because of his affiliation with LMU, his position on the TAC would strengthen SMBRC's relationship with this University. His CV is available upon request.



Background on Dr. Hogue Recommendation

One function of the TAC is to review projects to protect beaches, bays, and coastal waters funded under Proposition 84. The TAC also plans to develop guidelines for monitoring these projects as required by Proposition 84. The last round of project proposals focused heavily on Low Impact Development. Staff believes the addition of a member with expertise in hydrology, environmental engineering, geology, or a similar field will be helpful in evaluating future proposals, developing guidelines for monitoring these proposals, and evaluating other similar projects.

The TAC unanimously recommends Dr. Terri Hogue. Her expertise is in urban hydrology. She was the principal investigator on the Ballona water budget study and is interested in surface water runoff in urban areas. She is also capable of engaging broadly with issues the TAC addresses and her research is highly relevant to urban runoff, water infiltration, and water security. Her CV is available upon request.