



**DELTA STEWARDSHIP COUNCIL**  
A California State Agency

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August 14, 2012

**Chair**  
Phil Isenberg

**Members**  
Randy Fiorini  
Gloria Gray  
Patrick Johnston  
Hank Nordhoff  
Don Nottoli

To: Chair Phil Isenberg and the Delta Stewardship Council

From: Peter Goodwin, Lead Scientist

**Executive Officer**  
P. Joseph Grindstaff

**Re: Recommendation for New Members for the Delta Independent Science Board**

This memorandum recommends individuals to fill the two vacant positions on the Delta Independent Science Board (Delta ISB).

As you are aware, Dr. Mike Healey resigned in March 2012 due to personal commitments. Dr. Healey is a former member of the CALFED ISB, a former Lead Scientist of the CALFED Science Program and was instrumental in several major Delta initiatives including the *State of Bay-Delta Science, 2008* Report. This loss has been compounded by the recent resignation of Dr. Jeff Mount. Dr. Mount has served the Independent Science Board of both the Delta Stewardship Council and its predecessor, the CALFED Bay-Delta Program with great distinction. He has brought a detailed understanding of technical and policy issues regarding California water and has used this knowledge to inform the Delta ISB. Both Dr. Healey and Dr. Mount have always maintained the highest standards of scientific integrity and professional ethics.

Both Dr. Healey and Dr. Mount are significant losses to the institutional memory of the Delta ISB. The ISB had requested the new member to replace Dr. Healey should have engineering expertise in water resources, levees, risk, and/or modeling in order to complement the disciplines currently represented on the Delta ISB. Following discussions with the Chair and Vice Chair of the ISB, we recommend two appointments be made concurrently from the applicant pool solicited for Dr. Healey's vacancy. This recommendation is due to the breadth of the engineering topics facing the Delta ISB, the loss of the hydrology/geosciences expertise of Dr. Mount and quality of the applicant pool.

**The Search Process**

The Delta ISB open position was posted on the Delta Stewardship Council website for eight weeks from April 24 to June 4, 2012. The Association of Environmental Engineering and Science Professors and the American Society of Civil Engineers were invited to distribute the

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*"Coequal goals" means the two goals of providing a more reliable water supply for California and protecting, restoring, and enhancing the Delta ecosystem. The coequal goals shall be achieved in a manner that protects and enhances the unique cultural, recreational, natural resource, and agricultural values of the Delta as an evolving place."*

vacancy announcement to their members as well as to seek nominations. In addition, nominations and applications were solicited from individuals by staff of the Delta Stewardship Council and the Delta Science Program.

Nineteen individuals discussed the position with me, but most were unable to commit the significant time required for the Delta ISB position to complete the required responsibilities which include the BDCP EIR review and the ongoing ISB reviews of agency programs.

A short list for filling the two vacancies was assembled based on:

1. Accomplishments and stature of the individual in their respective fields
2. Geographic distribution. It is important to maintain a mix of ISB members who reside in close proximity to the Delta with a detailed local knowledge of the technical issues and outside experts who are independent but with less knowledge of local details. The local members, such as the current chair, can easily attend Council meetings at short notice when necessary. The current proportion of in-state experts on the ISB is 30%.
3. The exact nature of the individual's technical expertise, the match with Delta Council priorities and avoidance of the discipline areas already covered by ISB members.
4. Adherence to the criteria for Delta ISB members in the Delta Reform Act.

From a short list of five, full references were taken on three individuals. The references were conducted by Marina Brand and Peter Goodwin by telephone through a standard list of questions. Full written responses were sent by referees who were unavailable for a telephone meeting.

Based on this search process the following individuals are recommended:

**Dr. Jay Lund**, UC Davis

*Expertise: Water Resources*

**Dr. Harindra (Joseph) Fernando**, University of Notre Dame, Indiana

*Expertise: Hydrodynamics, risk, climate change, interdisciplinary modeling*

The curriculum vitae of these internationally recognized scholars are attached and you will note their extensive experience with interdisciplinary large-scale or global issues relevant to the coequal goals promoted by the Stewardship Council.

cc: Joe Grindstaff, Executive Officer  
Richard Norgaard, Chair, ISB  
Lauren Hastings, Deputy Executive Officer, Science  
Dan Ray, Chief Deputy Executive Officer