Integrated Modeling for Adaptive Management of Estuarine Systems

May 21-22, 2015

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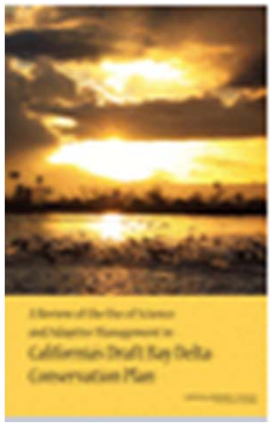
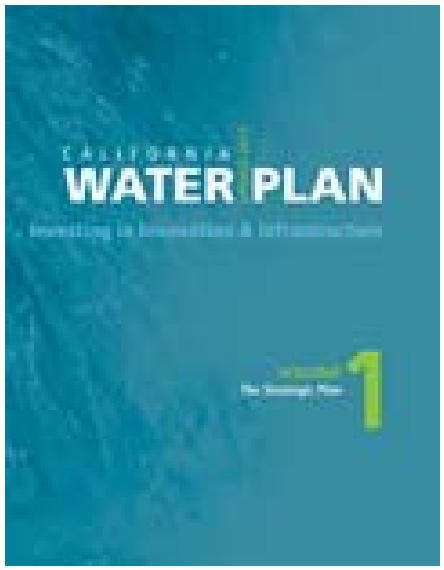
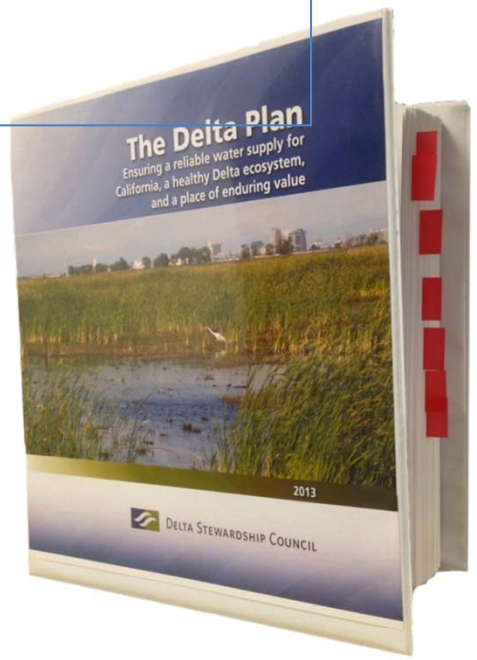
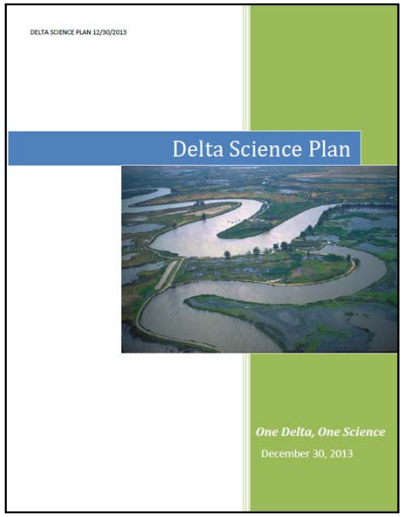
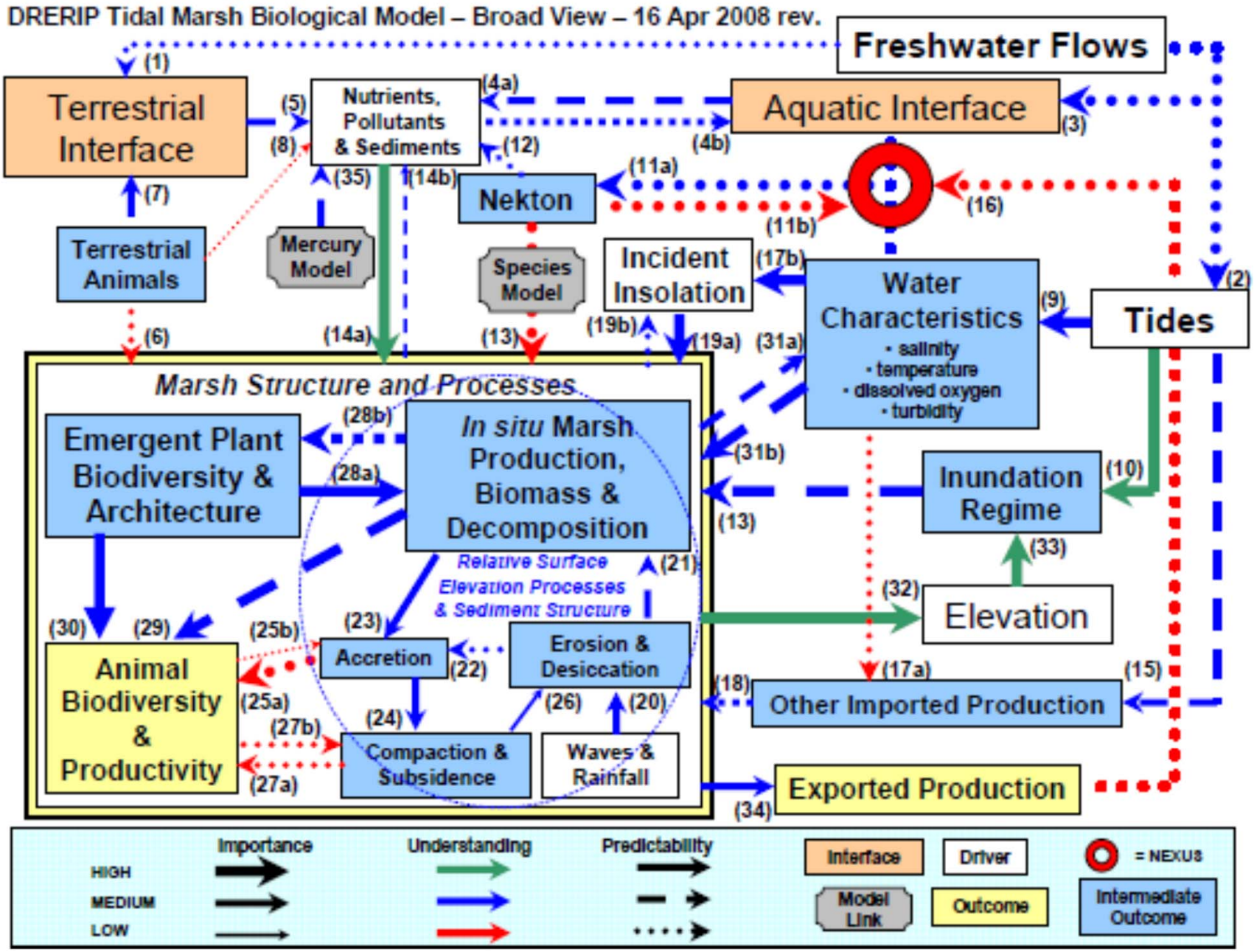


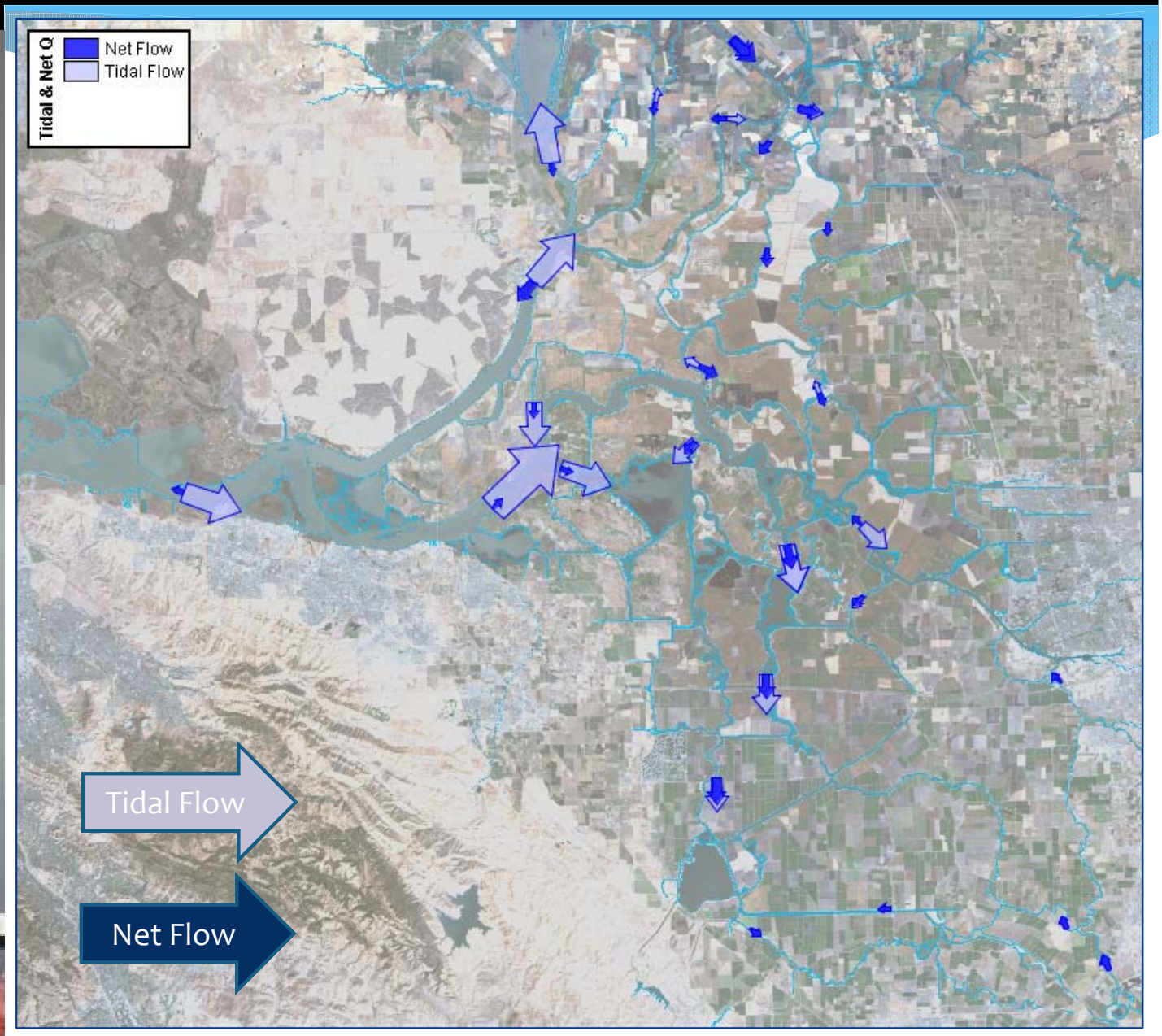








Kneib *et al.* 2008



Animation created by Resource Management Associates, using RMA Model results

Tools change how we interact with one another, how we behave and therefore how we think.

Wilson Miner

www.wilsonminer.com

The Power of Community Modeling

- Snake River Plain Water Rights Adjudication
- 157,000+ claims adjudicated

- Number of legal challenges to the computer model used for conjunctive administration of surface and groundwater.

Models are never
completed,
only abandoned
UCDAVIS
UNIVERSITY OF CALIFORNIA

Table 1
Decision support: How can integrated models and data analytics be used effectively for decision making in a world of diverse stakeholders?
Campbell Ingram and Stuart Siegel
DELTA STEWARDSHIP COUNCIL
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CENTER FOR WATERSHED SCIENCES
NSF

DRINK TAHOE BREW
KIRKWOOD
TEMPLE

What is possible in California?

NCSA

At times of change, the learners will be the ones who will inherit the world, while the knowers will be beautifully prepared for a world that no longer exists.
Alastair Smith
Thank you for your attention.