

Climate Change Impacts on Extreme Events

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Certainty!

Risk and Uncertainty

- General lack of data on water needs and past, present and future uses
- Increasing population & energy needs
- Climate change and variability
- Endangered species' and other instream uses and outflows to bays and estuaries
- Unquantified Native American water rights

Planning the Future

“The number of variables converging on state and local government is enormous, diverse and growing. Insufficient infrastructure struggling economy, an evolving climate, increasing public expectations and complex service demands are driving the critical questions, ‘Where are we going? And... How are we going to get there?’

John F. Luthy

Predictability

Probability

Inevitability

Unpredictable Event

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