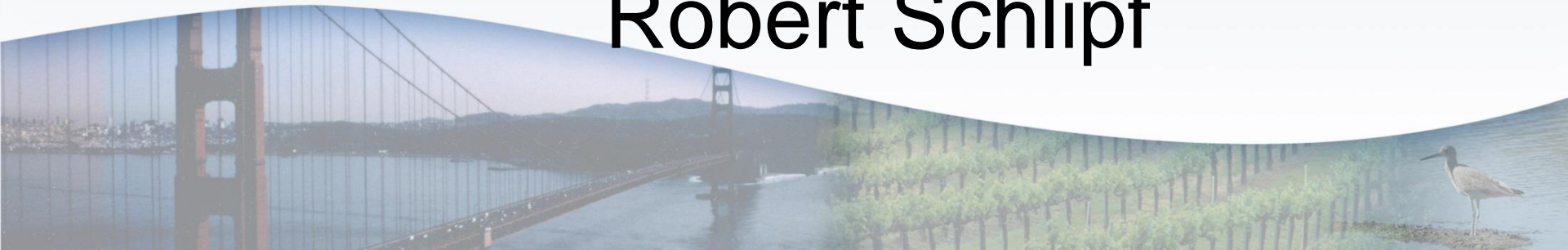


Next Steps for the Nutrient Watershed Permit

January 30, 2015

Presented by

Robert Schlipf



Permit Phases

□ Phase I – (2014-2019)

- Track Plant Performance
- Fund Monitoring Programs
- Support Load Response Modeling
- Conduct Treatment Optimization & Upgrade Studies

Permit Phases

□ Phase II – (2019-2024)

- Performance-Based Limits
- Aggregate Load Caps by Bay Segment
- Implementation of Treatment Optimization

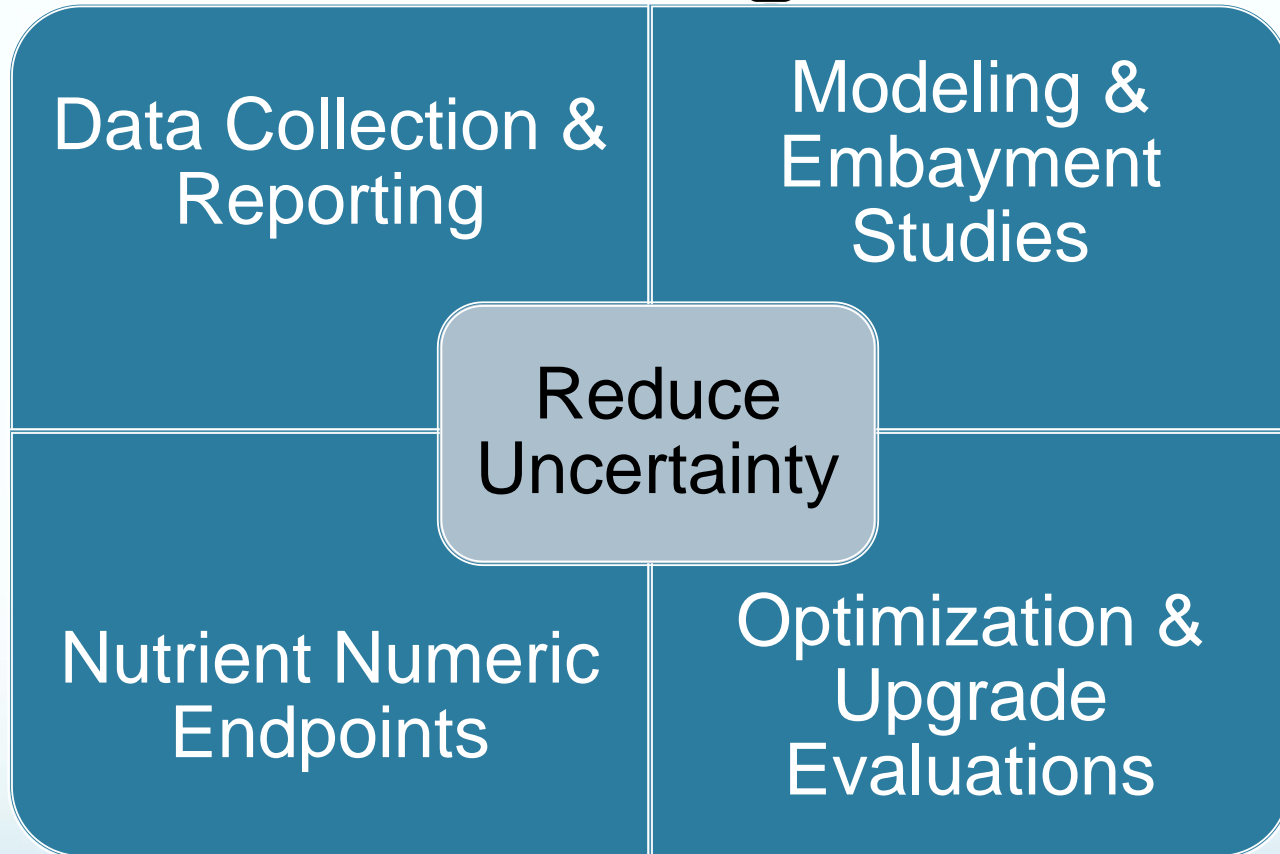
□ Phases III and IV – (2024-2034)

- Additional Management Actions
- Load Reductions (?)

Precautionary Principle



Risk Management



Win-Win Options

Water Recycling

Sea Level Rise

Reduce the
need for
certainty

Toxicity

Constituents of
Emerging Concern

Next Steps

- Nutrient Loading Trends
- Optimization & Upgrade Studies
- Nutrient Assessment Framework
- Science Plan Development & Implementation

An aerial photograph of San Francisco, California, featuring the Golden Gate Bridge in the foreground. The bridge's red-orange towers and suspension cables are prominent against the blue-green water of the bay. In the background, the dense city skyline of San Francisco is visible, including the Transamerica Pyramid. The bay extends to the horizon, with other bridges and distant hills under a clear blue sky.

Questions