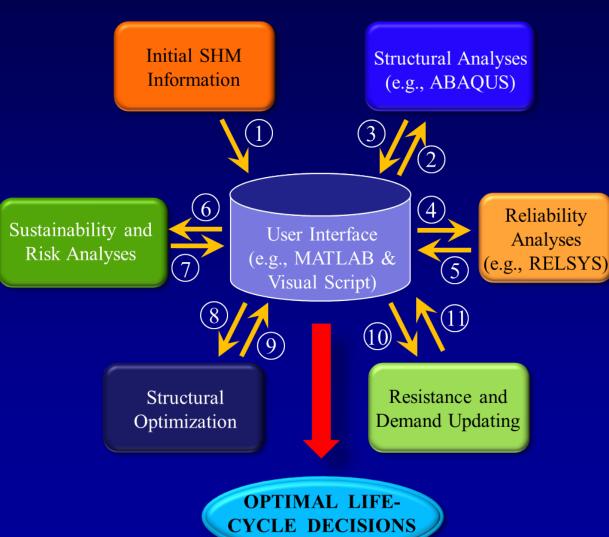
Interaction among Computational Tasks

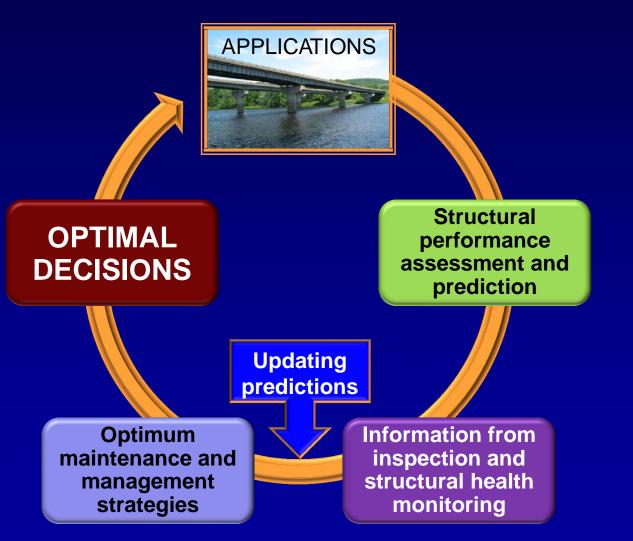


- Initial Structural Responses and Load Effects
- 2 Structural Properties
- 3) Internal Forces and Responses
- Limit States and Probabilistic Parameters
- Structural Reliability and Probability of Failure
- 6 Probability of Failure
- (7) Sustainability Assessment
 - Structural Performance
- 8 Profiles and Inspection /
 Monitoring / Maintenance
 Parameters
 - Optimal Inspection /
- Monitoring / Maintenance Schedules
- 10 Information From Future Inspection / Monitoring
- (11) Updated Parameters





Life-cycle Management Framework



Life cycle cost and performance analysis

Sustainability

Resilience

Risk

Reliability

Optimization



