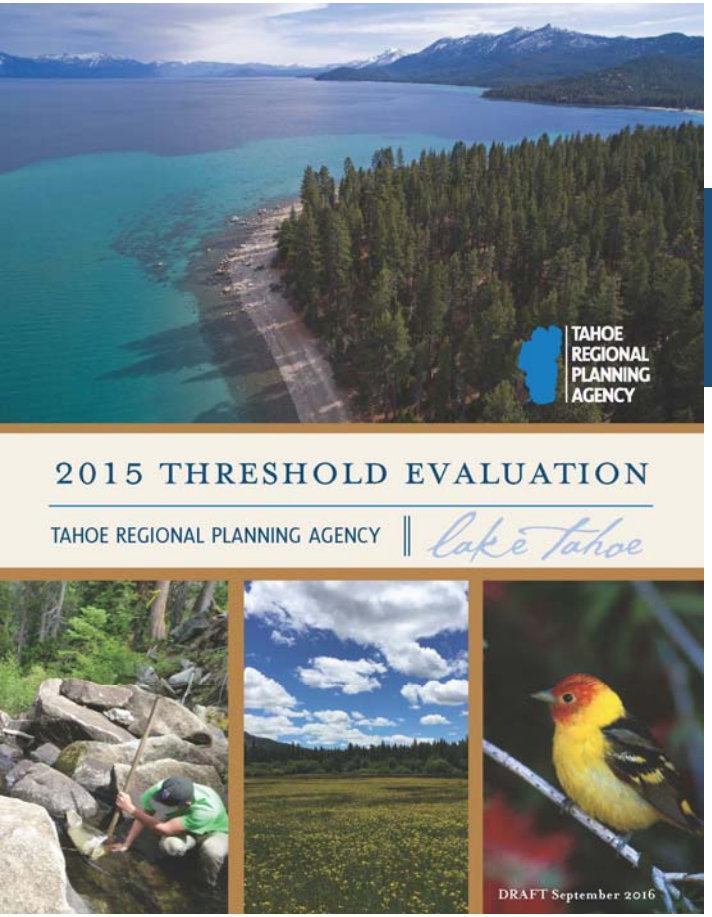
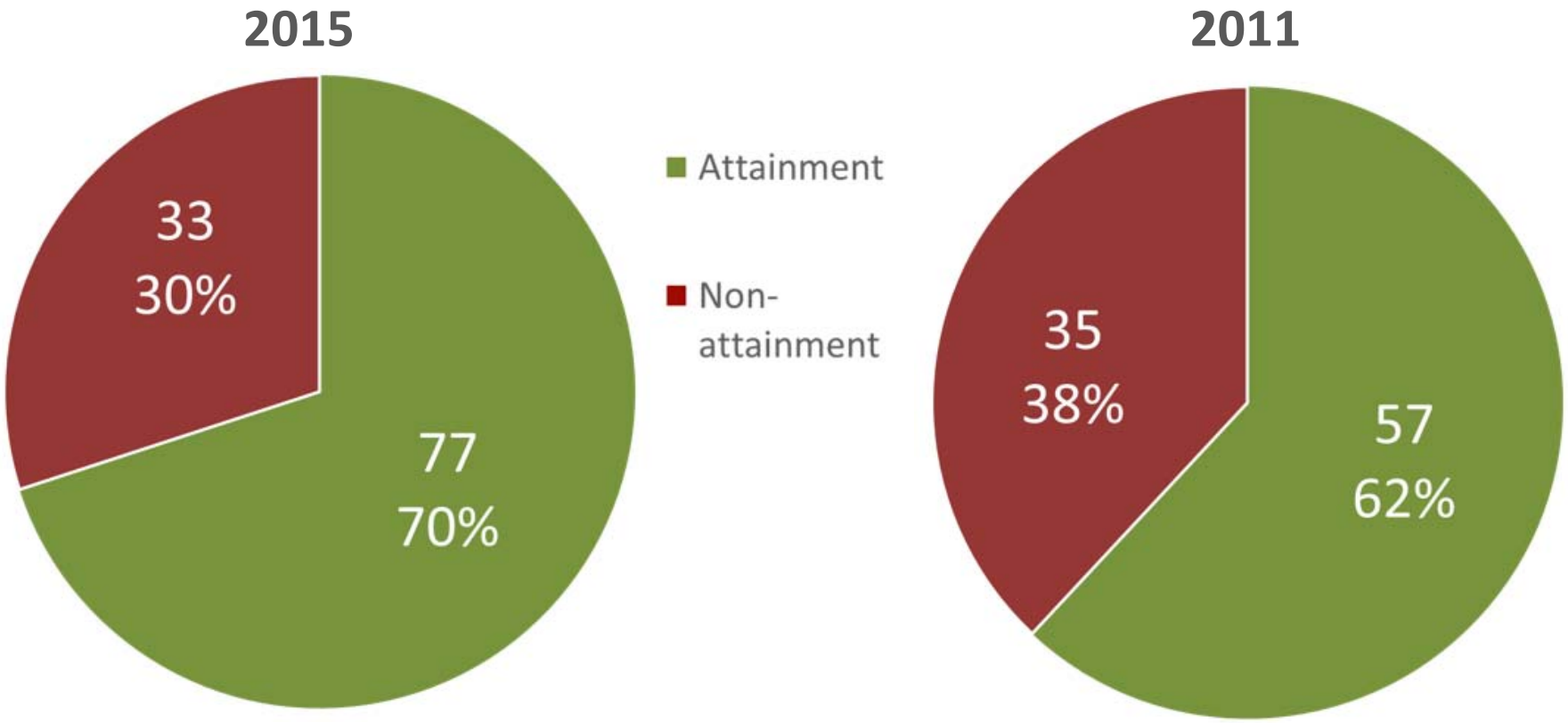


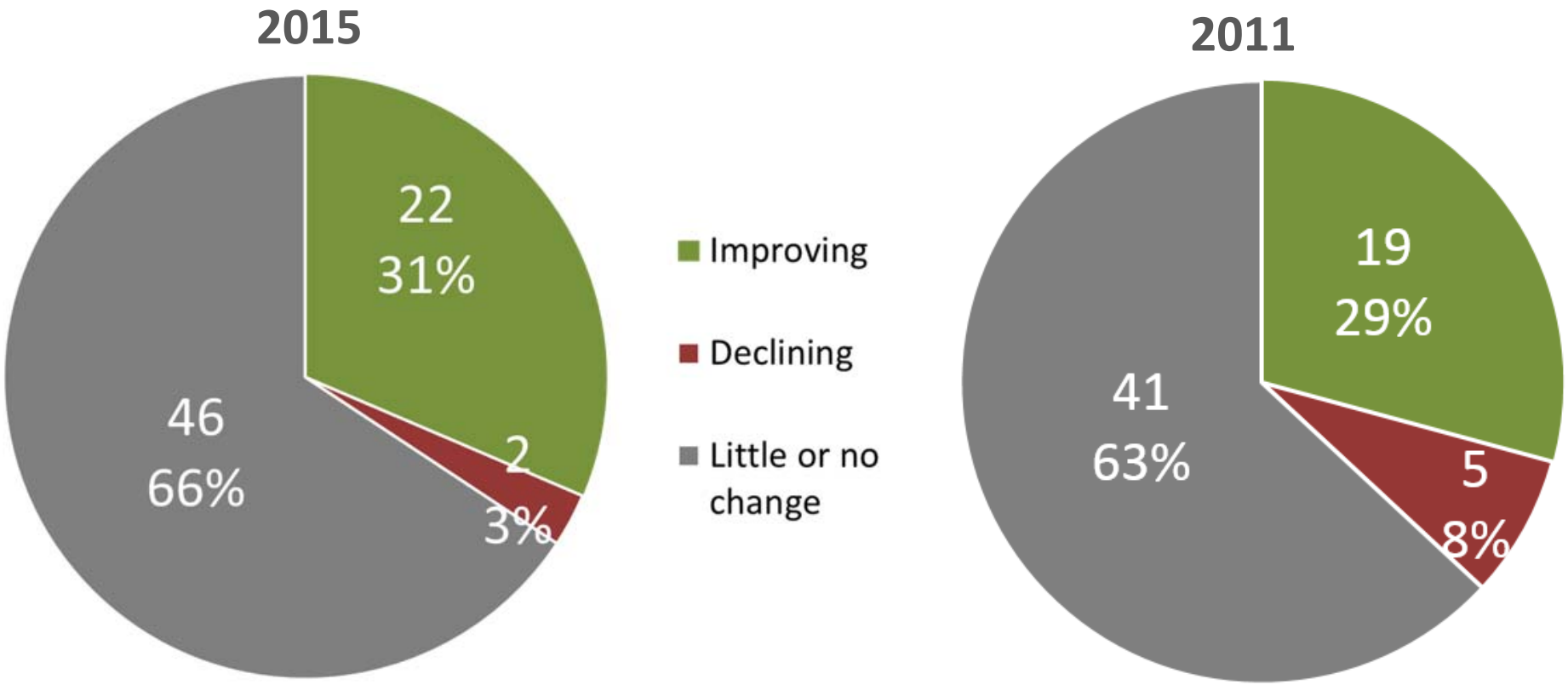
2015 Threshold Evaluation Report

TAHOE REGIONAL PLANNING AGENCY
DECEMBER 14, 2016

Status Summary



Trend Summary



Peer Review Findings – Conclusions

- **Greater deficiencies in the threshold standards** than in the monitoring program.
- **Modifying standards will make it easier** to improve the monitoring program.

CONSERVATION SCIENCE PARTNERS

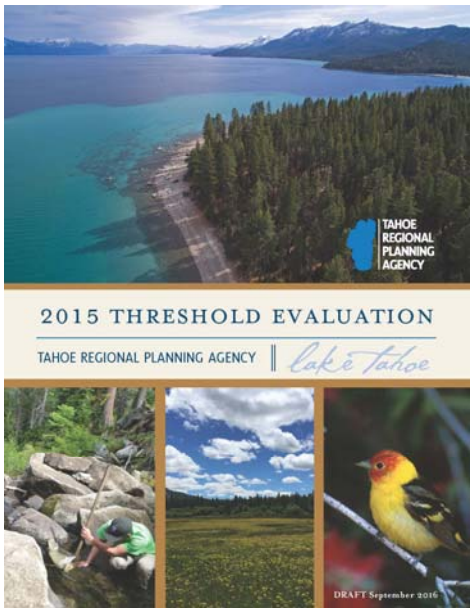
"The agency is commended for this clear and extensive approach to indicators of local environmental change, at the leading edge of a regional planning indicator set relative to best practices."

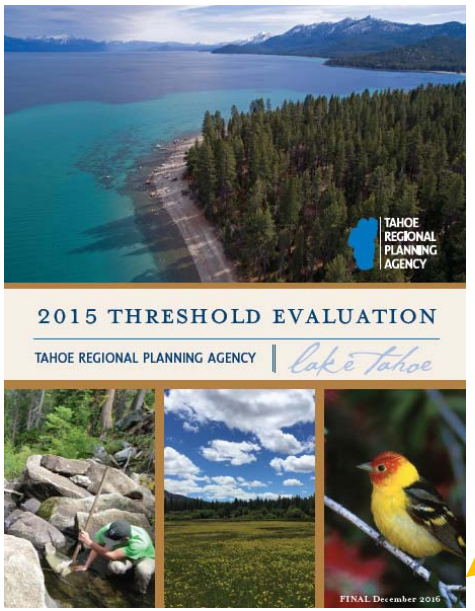
Dr. Scott Spak, University of Iowa

Photo: Sean Savage under CC BY-SA 2.0

Draft Revision

- Revisions to the draft report are captured in the Errata.





Appendices

APPENDIX L

Threshold standard attainment status as assessed in threshold evaluation reports between 1991 and 2015. Comparison of status determinations over time is complicated by differences in status determination methodology. For standards adopted after 1982, status is listed as "no status determination" for all periods prior to their adoption.

Threshold Category	Reporting Category	Name of Standard	1991	1996	2001	2006	2011	2015
Air Quality	Carbon Monoxide	Highest 1-hour Concentration of Carbon Monoxide	No status determination	Attainment	No status determination	No status determination	Attainment	Attainment
Air Quality	Carbon Monoxide	Highest 8-hour Average Concentration of Carbon Monoxide	Non-attainment	Attainment	Attainment	Non-attainment	Attainment	Attainment
Air Quality	Carbon Monoxide	Average Daily Winter Traffic Volume, Presidents Weekend	Non-attainment	Attainment	No status determination	Attainment	Attainment	Attainment
Air Quality	Ozone	1-hour Average Concentration of Ozone	Non-attainment	Non-attainment	Non-attainment	Non-attainment	Attainment	Attainment

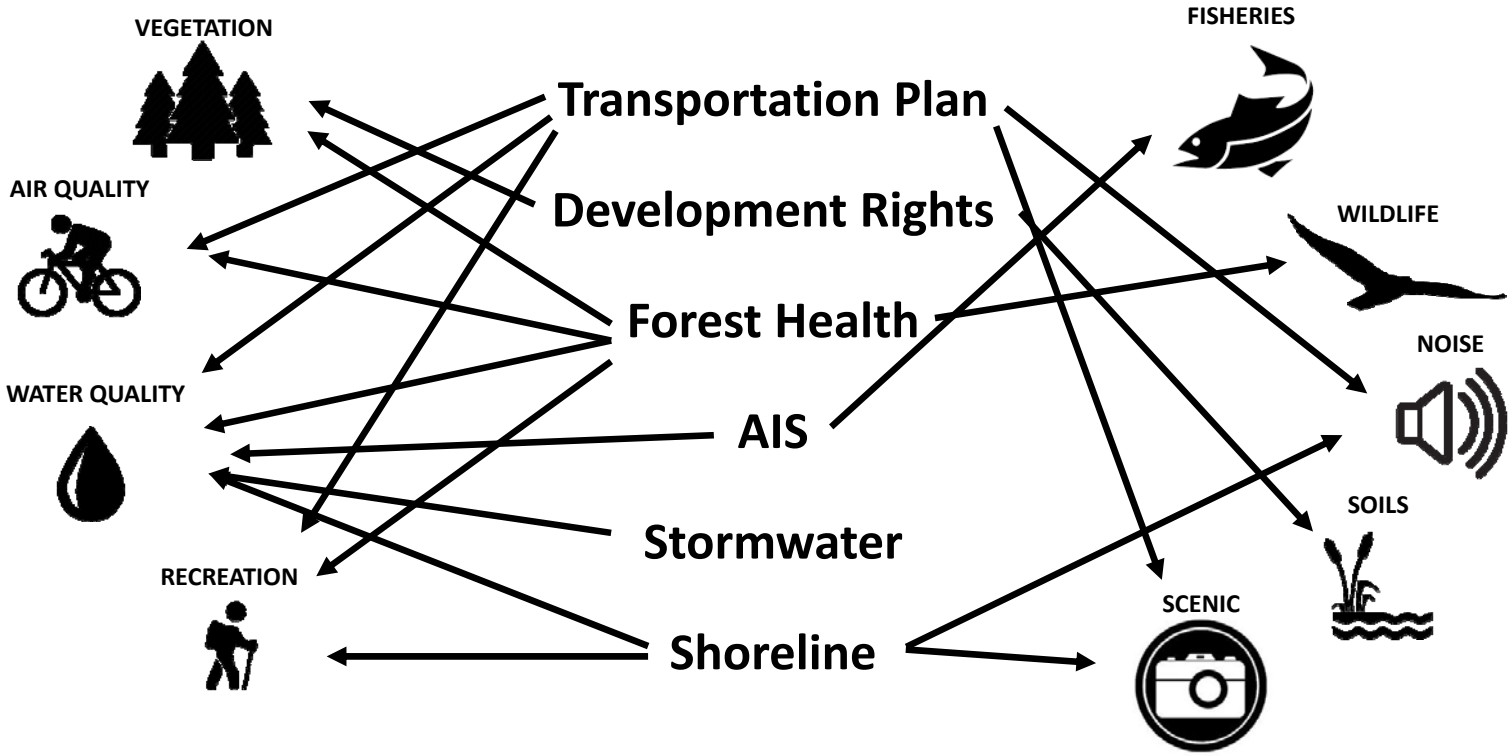
Feedback

Methodology

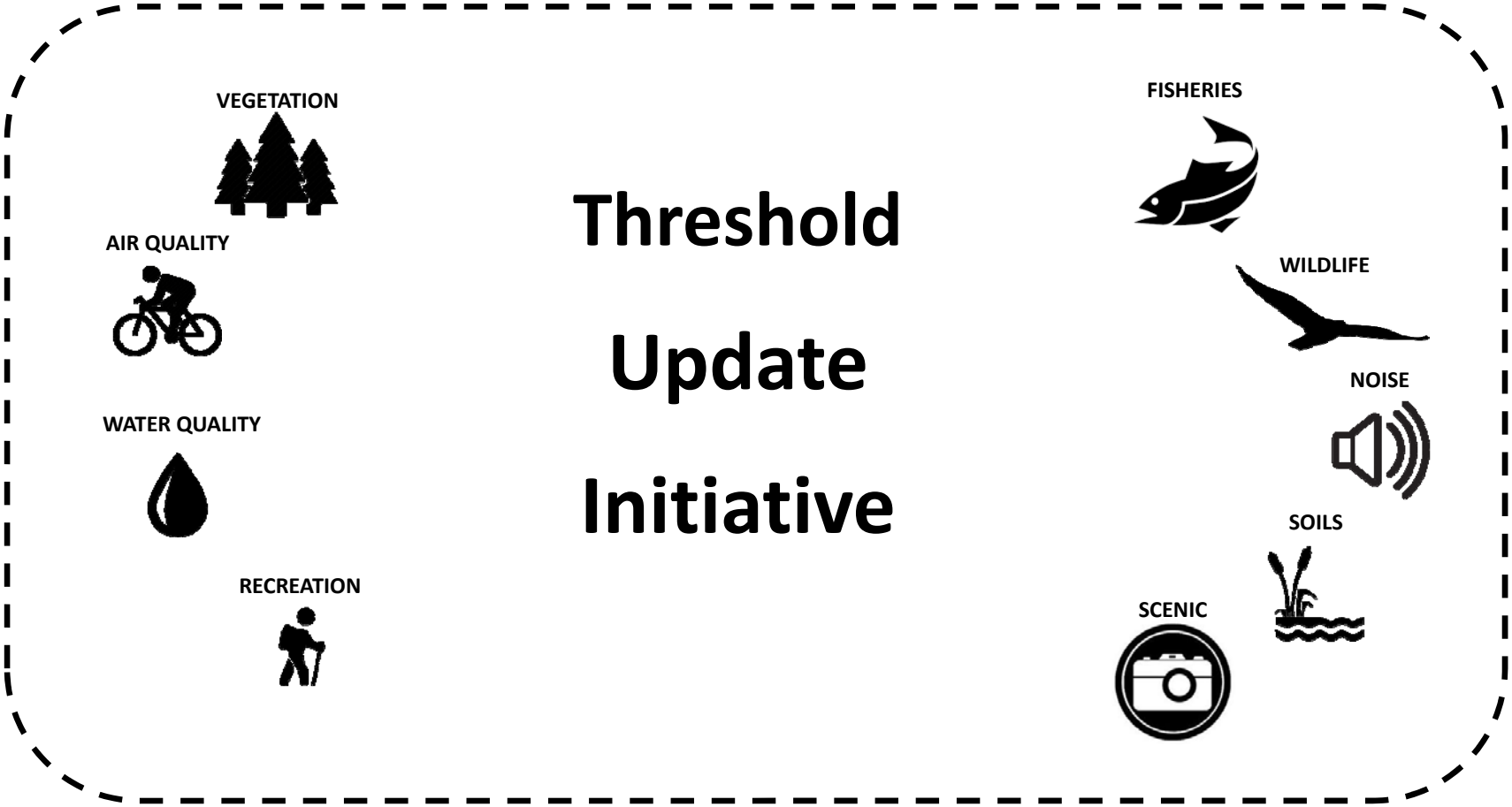
Additional analysis

Action

Strategic Initiatives



Strategic Initiatives



QUESTIONS?

No status determination

1. Support actions to reduce the extent and distribution of excessive periphyton (attached) algae in the nearshore (littoral zone) of Lake Tahoe.
2. Reduce total annual nutrient and suspended sediment load to achieve loading thresholds for littoral and pelagic Lake Tahoe.
3. Abate harmful ecological impacts (of AIS)

Why is VMT in Air Quality?

Nitrate Deposition

MANAGEMENT STANDARD
Reduce the transport of nitrates into the Basin and reduce oxides of nitrogen (NOx) produced in the Basin consistent with the water quality thresholds.

Reduce vehicle miles of travel in the Basin by 10 percent of the 1981 base year values.

Odor

POLICY STATEMENT
It is the policy of the TRPA Governing Board in the development of the Regional Plan to reduce fumes from diesel engines to the extent possible.

Best available science