

# Right to self determination: coproduction of knowledge

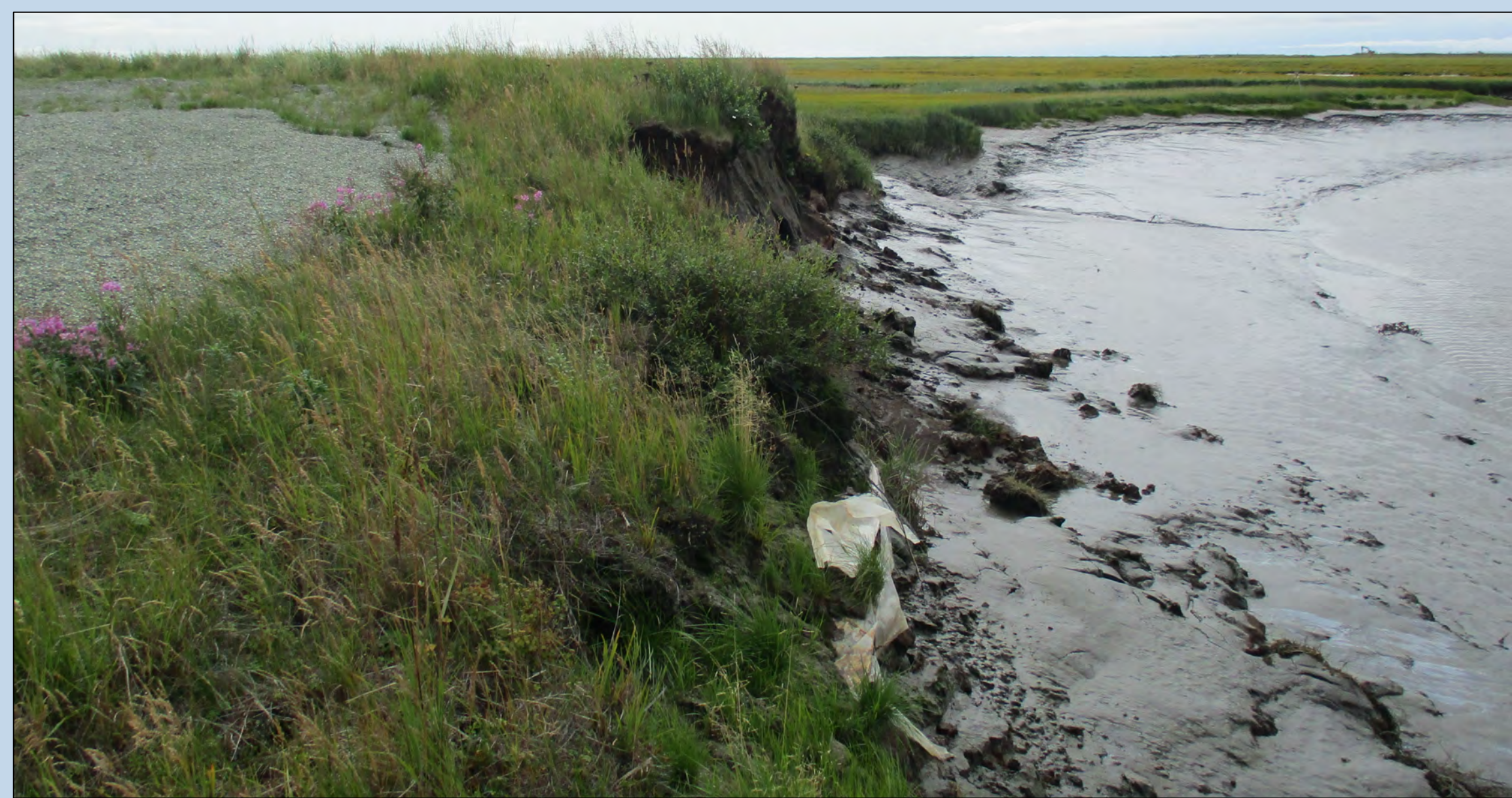
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## Slow, Ongoing & Abrupt Environmental Change



Ice piling up after a storm and high water event.



Permafrost degradation & erosion at the airport.



Water ponding due to permafrost thaw.



A recently dried lake.



Water overflow on a calm day during high tide.

## Monitoring & Documenting Change



Documenting the impact of ground thaw on infrastructure. Inset: depth of ground collapse.

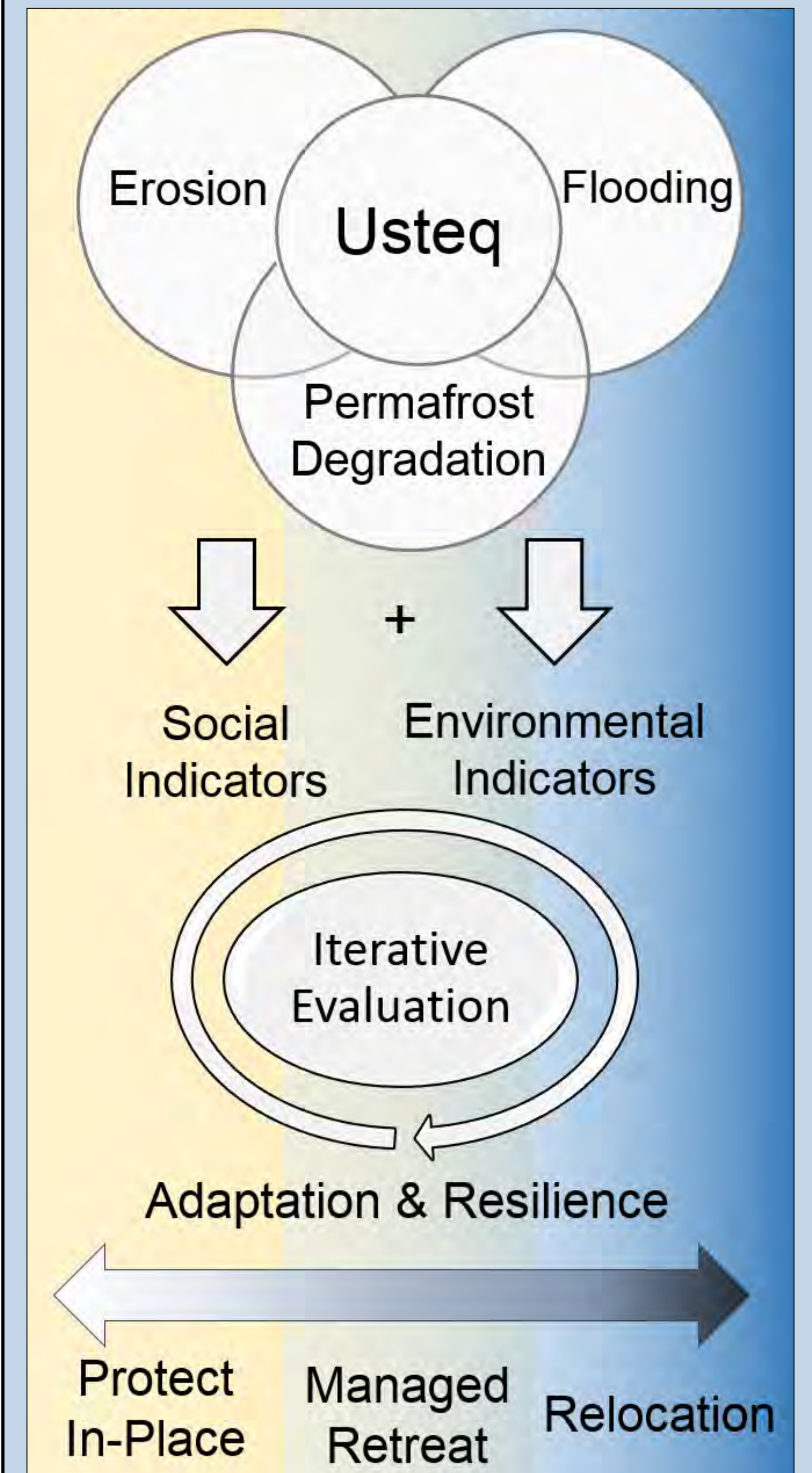


Denise Pollack and Lewis Amik monitoring erosion.



Lewis Amik installing temperature sensors for permafrost monitoring.

## Decision Making



Working together to monitor change and to develop an adaptation plan.



Some of the climate-change impacted communities in Alaska.

The right to protect and make decisions about community infrastructure, homes, archaeological, historical, cultural, and subsistence resources is critical to all stages of adaptation and relocation planning.