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# Coastal Shoreline Protection Projects



- **Nome**
  - Seawall constructed 1951
  - Shore protection Study (Sec 103) ongoing
- **Metlakatla shoreline protection – Constructed mid 90's**
- **Homer Spit shore protection – Constructed mid 90's**
- **Shishmaref - Completed parts w/ ongoing construction**
- **Kivalina - Completed parts w/ ongoing construction**
- **Unalakleet - Contract advertised to build rock revetment**
- **Shaktoolik - Shore protection Study (Sec 103) ongoing**
- **Point Hope - Shore protection Study (Sec 103) ongoing**



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# Baseline Erosion Assessment



- **Coordinate – Federal, State, Local, Tribal**
- **Research – collect/analyze the data**
- **Plan – What are the problems & solutions?**
- **Prioritize – Who needs help the soonest?**



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# Baseline Erosion Assessment



- Purpose – coordinate, plan, & prioritize responses to erosion in Alaska
- Designate communities as:
  - **Priority Action-** serious erosion threatening viability
  - **Monitor Conditions-** no immediate action necessary
  - **Minimal Erosion-** no serious erosion problems reported



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# Baseline Erosion Assessment



- **Risk Methodology considered 9 factors**
  - **Critical Infrastructure**
  - **Human Health and Safety**
  - **Subsistence and Shoreline Use**
  - **Community Setting/Community Geographic Location**
  - **Housing and Population Affected**
  - **Housing in Parallel**
  - **Environmental Hazard**
  - **Cultural Importance**
  - **Commercial/Non-residential**



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# Priority Action Communities



Akiak

Emmonak

Newtok

Alakanuk

Golovin

Nunapitchuk

Barrow

Huslia

Port Heiden

Chefornak

Kivalina

Saint Michael

Chevak

Kotlik

Selawik

Clarks Point

Kwigillingok

Shaktoolik

Cordova

Lime Village

Shishmaref

Deering

McGrath

Unalakleet

Dillingham

Napakiaik