

Waded Handouts

Beach grass invasions, climate change, and flooding risk in coastal dune systems

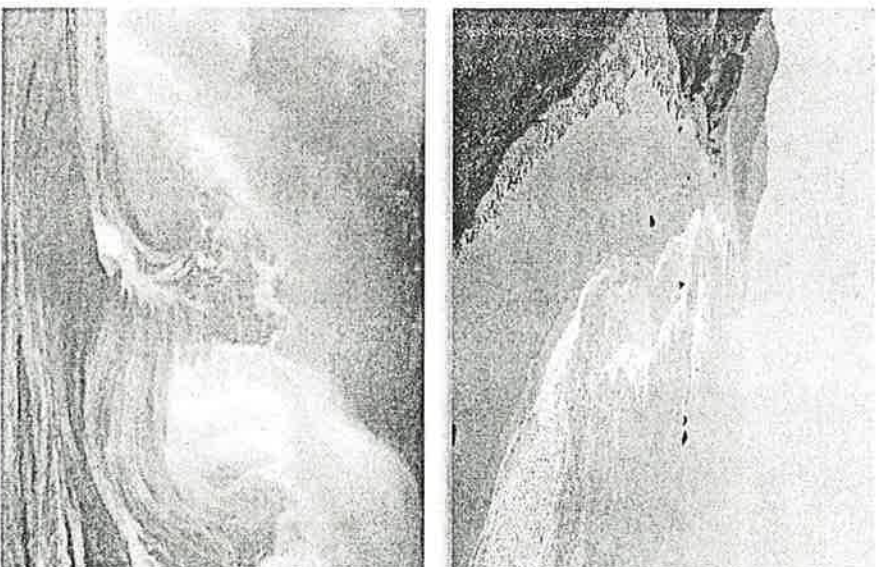
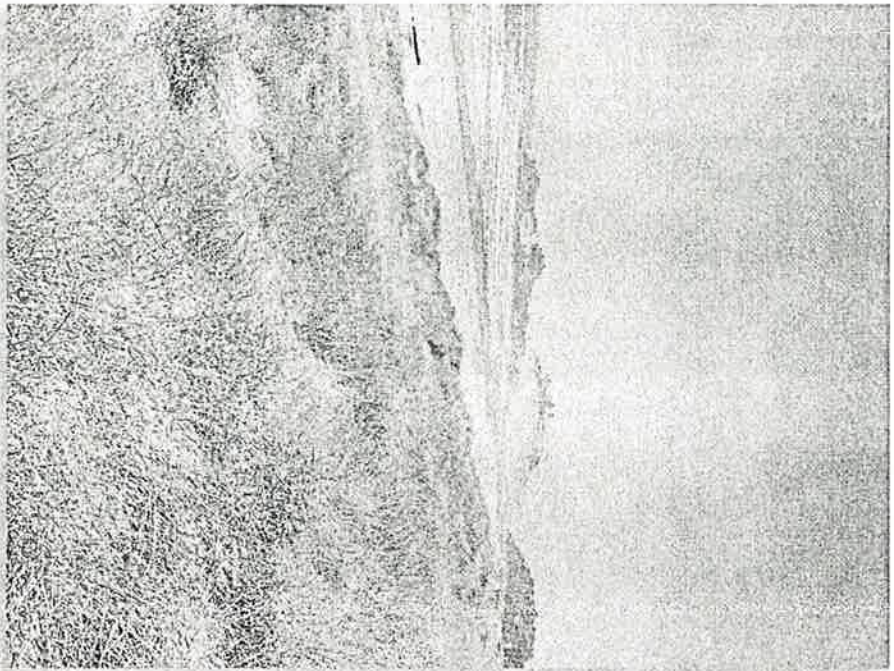
Sally Hacker

Peter Ruggiero

Oregon State University

Eric Seabloom

University of Minnesota



Thanks:

**Graduate/Undergraduate
Students and Technicians:**

Phoebe Zarnetske

Jeremy Mull

Danielle Asson

Mary Ellis

Shawn Gerrity

Amanda Gladics

Hussain Ibrahim

Colin Jones

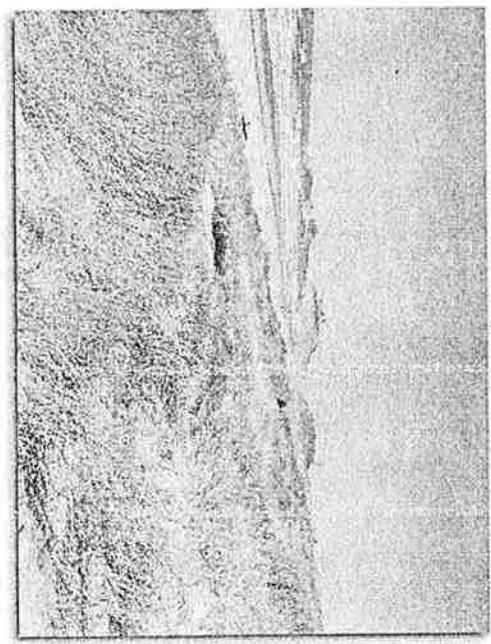
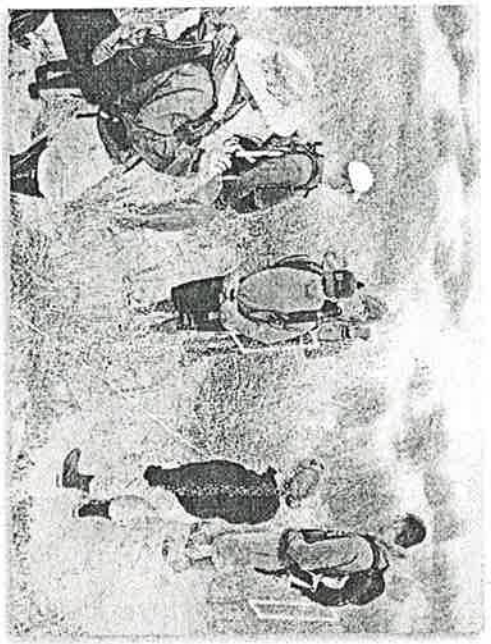
Derek Kraft

Melissa Pretchl

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In summary,

1. Invasive congeneric beach grasses have different effects on structure, function, and ultimately coastal vulnerability provided by dunes. If AMBR moves south, coastal flooding will increase
2. Climate change will exacerbate flooding risk (esp. wave ht) but is likely to be secondary to the effects of invasion in lowering dune heights.
4. There is likely a tradeoff between coastal ecosystem restoration and coastal vulnerability

