



# NOAA FISHERIES

## QUEST WEBINAR SERIES

Quantitative Ecology and Socioeconomics Training Program

*In Silver Spring?  
Join us in the Fishbowl  
Conference Room  
(SSMC3 12871)*

### TOPIC

**HOW FISHERMEN BALANCE INCENTIVES AND WHY IT MATTERS FOR FISHERIES MANAGEMENT**

### DATE/TIME

**Tuesday January 27<sup>th</sup> | 2:00 – 3:00 pm EST**  
(11:00 am – 12:00 pm PST)

### LINK

**<https://attendee.gotowebinar.com/register/119645823>**  
(SPACE LIMITED)

### PRESENTER

**DR. ALAN HAYNIE** | Economist  
NOAA Fisheries Alaska Science Center



### ABSTRACT

Commercial fishermen make decisions about where, when, and how to fish based on a diverse and dynamic set of incentives and constraints. This talk provides an overview of spatial analyses conducted at the Alaska Fisheries Science Center over the last decade that address how fishers and fish processors in different Alaska fisheries have been affected by changing incentives, including season lengths, markets, and environmental conditions. We also discuss the value and challenges of different data sources used in these analyses. How can this research be used to improve the management of the Nation's marine resources? Fisheries managers have a broad range of tools and models at their disposal. Ecosystem-based management, marine protected areas, and catch shares are all utilized to different degrees throughout the country to achieve policy goals. Better incorporating our understanding of fisher behavior into management involves developing better modeling and teaching tools and ensuring that we recognize that fishing in the future will be dependent on future fish distributions, markets, and management. It also involves long-term interdisciplinary research and interaction with fishermen.

### BIOGRAPHY

**Dr. Alan Haynie** is an economist at NOAA Fisheries' Alaska Fisheries Science Center in Seattle, Washington. Alan's research includes the spatial analysis of fisheries under changing environmental, biological, and market conditions and with the implementation of catch shares. His work also explores the design and implementation of bycatch reduction incentives, the evaluation of bycatch hotspot closures, and the identification of unintended consequences of marine reserves. Alan has been a PI in the Bering Sea Integrated Ecosystem Research Program and is a member of the North Pacific Fishery Management Council's Bering Sea and Aleutian Islands Groundfish Plan Team. Alan oversees the spatial economics toolbox for fisheries (FishSET), a NOAA Fisheries initiative to improve the spatial modeling of fisheries. Alan received the Presidential Early Career Award for Scientists and Engineers (PECASE) and was a NOAA Fisheries / Sea Grant Marine Resource Economics Fellow. Alan received his undergraduate degree from Stanford and his PhD in economics from the University of Washington. Alan grew up in south Louisiana and has loved seafood since before he could walk or talk.

FOR MORE INFORMATION CONTACT:  
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WEBINAR SYSTEM REQUIREMENTS:  
**PC:** Windows® 8, 7, Vista, XP or 2003 Server **Mac:** Mac OS® X 10.6 or newer