**Lecture 4: Strategies to Reduce Bycatch**

**Publications**

# Dynamic ocean management increases the efficiency and efficacy of fisheries management

<https://www.pnas.org/content/113/3/668.short>

# Evaluating effectiveness of time/area closures, quotas/caps, and fleet communications to reduce fisheries bycatch

<https://academic.oup.com/icesjms/article/71/5/1286/638196/Evaluating-effectiveness-of-time-area-closures>

# Real‐time spatial management approaches to reduce bycatch and discards: experiences from Europe and the United States

<https://onlinelibrary.wiley.com/doi/full/10.1111/faf.12080>

# Dynamic habitat models: using telemetry data to project fisheries bycatch

<http://rspb.royalsocietypublishing.org/content/278/1722/3191.long?utm_source=TrendMD&utm_medium=cpc&utm_campaign=Proceedings_B_TrendMD_0>

# Near real‐time spatial management based on habitat predictions for a longline bycatch species

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2400.2006.00515.x/full>

# Seasonal forecasting of tuna habitat for dynamic spatial management

[http://www.nrcresearchpress.com/doi/abs/10.1139/f2011-031#.WMSaJ8szU94](http://www.nrcresearchpress.com/doi/abs/10.1139/f2011-031)

# Fleet communication to abate fisheries bycatch

<https://www.sciencedirect.com/science/article/pii/S0308597X05000394>

# Dynamic ocean management: Defining and conceptualizing real-time management of the ocean

<https://reader.elsevier.com/reader/sd/pii/S0308597X15000639?token=B934AB40C536E35EC2C55A8E0D8C3131936F1F3768492DC462275BBC6E8A0E9C0147809F3A9CBDB8D5E1CCDDEEE50F68>

# Addressing fisheries bycatch in a changing world

# <https://www.frontiersin.org/articles/10.3389/fmars.2015.00083/full>

1. A dynamic ocean management tool to reduce bycatch and support sustainable fisheries

<https://advances.sciencemag.org/content/4/5/eaar3001.short>

# Dynamic Ocean Management: Identifying the Critical Ingredients of Dynamic Approaches to Ocean Resource Management

<https://academic.oup.com/bioscience/article/65/5/486/323837>

1. Reducing bycatch in the South African pelagic longline fishery: the utility of different approaches to fisheries closures

<https://www.int-res.com/articles/esr2008/5/n005p291.pdf>

1. Mind the gap: Addressing the shortcomings of marine protected areas through large scale marine spatial planning

<https://www.researchgate.net/profile/Tundi_Agardy/publication/222826634_Mind_the_gap_Addressing_the_shortcomings_of_marine_protected_areas_through_large_scale_marine_spatial_planning/links/59d8b41ba6fdcc2aad0d788f/Mind-the-gap-Addressing-the-shortcomings-of-marine-protected-areas-through-large-scale-marine-spatial-planning.pdf>

1. Risk Factors for Seabird Bycatch in a Pelagic Longline Tuna Fishery

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4871550/pdf/pone.0155477.pdf>

# Rapid Assessments of Leatherback Small-Scale Fishery Bycatch in Inter-nesting Areas in the Eastern Pacific Ocean

# <https://www.openchannels.org/sites/default/files/literature/rapid_assessments_of_leatherback_small-scale_fishery_bycatch_in_internesting_areas_in_the_eastern_pacific_ocean.pdf>

# Sea turtle bycatch to fish catch ratios for differentiating Hawaii longline-caught seafood products

<http://www.sciencedirect.com/science/article/pii/S0308597X09000888>

1. Life histories and elasticity patterns: perturbation analysis for species with minimal demographic data

<https://www.researchgate.net/publication/228579870_Life_Histories_and_Elasticity_Patterns_Perturbation_Analysis_for_Species_with_Minimal_Demographic_Data>

1. Impacts of fisheries bycatch on loggerhead turtles worldwide inferred from reproductive value analyses

<https://besjournals.onlinelibrary.wiley.com/doi/epdf/10.1111/j.1365-2664.2008.01507.x>

1. Conservation and management of exploited shark populations based on reproductive value

<https://www.researchgate.net/publication/241504265_Conservation_and_management_of_exploited_sharks_based_on_reproductive_value>

1. Quantifying multiple threats to endangered species: an example from loggerhead sea turtles

<https://esajournals.onlinelibrary.wiley.com/doi/abs/10.1890/090126>

1. Modelling impacts of long-line fishing: what are the effects of pair-bond disruption and sex-biased mortality on albatross fecundity?

<https://pdfs.semanticscholar.org/ab9a/19b702332a9559d9d5fc69d158147b733bd7.pdf?_ga=2.89612187.1436042158.1594271948-955737562.1594156900>

1. Elasticity Analysis in Population Biology: Methods and Applications

<https://go.gale.com/ps/anonymous?id=GALE%7CA61242191&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=00129658&p=AONE&sw=w>

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1. Conservation and management of exploited shark populations based on reproductive value

<http://www.marinemammal.org/wp-content/pdfs/Gallucci%20et%20al%202006.pdf>

# Quantifying multiple threats to endangered species: an example from loggerhead sea turtles

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