Maia Kapur, MSc

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Education

MSc	University of Hawaii, Marine Biology	2016
BSc	University of California Berkeley, Environmental Science	2014

Employment History

Fisheries Research & Monitoring Division, Pacific Islands Fisheries Science Center, National Oceanic & Atmospheric Administration, *Fisheries Assessment Specialist* (Feb 2017-current)

- Stock assessment specialist.
- Data analyst.

Fisheries Research & Monitoring Division, Pacific Islands Fisheries Science Center, National Oceanic & Atmospheric Administration, *Fisheries Biosampling Associate* (May 2016-Feb 2017)

- Oracle database developer & manager.
- Statistical modeler.

Environmental Protection Agency, USA, *Research Assistant*, (Dec 2015- May 2016)

- Graduate resesarch scientist
- Spatial watershed-to-reef conservation prioritization model, statistical summaries of fish surveys.

Hawaii Conservation Alliance, HI, *Geospatial Data Librarian*, (Nov 2015- Aug 2016)

- ArcGIS Online database manager.
- Compliance adherence & metadata compilation for terrestrial and marine conservation web GIS.

United States Geological Society, Hawaii, *Research Assistant*, (Aug 2014- Dec 2015)

- Graduate resesarch scientist.
- Development and testing of spatial reef fishery dynamics model for Main Hawaiian Islands.

Publications

First-author:

Kapur, M. R., Franklin, E.C. 2017.Simulating future climate impacts on tropical fisheries: are contemporary spatial fishery management strategies sufficient?* *Canadian Journal of Fisheries and Aquatic Sciences.* DOI: 10.1139/cjfas-2016-0200 *This work was included in a special edition on spatial simulation modeling in fisheries.

Papers Submitted for Peer Review:

Taylor, B.T., Brandl, S., **Kapur, M.R.**, Johnson, G., Robbins, W., Huveneers, C., Renaud, W., Choat, J.H. 2017. Bottom-up processes mediated by habitat disturbance drive demographic traits of coral-reef fishes.*Ecology*(in review).

Stock Assessments:

Langseth, B., Syslo, J., Yau, A., Brodziak, J. **Kapur, M.R.**. Stock Assessment for the Main Hawaiian Islands Deep7 Bottomfish Complex Through 2015. *NOAA Technical Memorandum NMFS-PIFSC-XX*. 2017.

Working Papers:

Winker, H., Carvalho, F., **Kapur, M.R.** Parker, D., Kerwath, S.. JABBA goes IOTC: 'Just Another Bayesian Biomass Assessment' for Indian Ocean Blue shark and swordfish. *Indian Ocean Tuna Commission.* IOTC-2017-WPB15-INF02. Available at: http://www.iotc.org/documents/jabba-just-another-bayesian-biomass-assessment

Kapur, M.R., Yau, A. Size Compositions and Sex Ratios of Oceanic Whitetip Sharks and Giant Manta Rays for Longline Fisheries in the Pacific Islands Region. *PIFSC Working Paper*, WP-17-000, 23 pp.

Kapur, M.R., Brodziak, J. A., Fletcher, E. J., Yau, A. J. 2017. Summary of Life History and Stock Assessment Results for Pacific Blue Marlin, Western and Central North Pacific Striped Marlin, and North Pacific Swordfish. *International Scientific Committee for Tuna and Tuna-like Species in the North Pacific Ocean.* PIFSC Working Paper, WP-17-004, 50 p. doi:10.7289/V5/WP-PIFSC-17-004. Available at: http://www.pifsc.noaa.gov/library/pubs/WP-17-004.pdf

Sculley, M. S., Brodziak, J. A., Yau, A. J., **Kapur, M.R.**. An Exploratory Analysis of Trends in Swordfish (Xiphias gladius) Length Composition Data from the Hawaiian Longline Fishery. *International Scientific Committee for Tuna and Tuna-like Species in the North Pacific Ocean.* PIFSC Working Paper, WP-17-002, 48 p. doi:10.7289/V5/WP-PIFSC-17-002.

Invited Lectures and Conference Presentations

School of Aquatic and Fisheries Science, University of Washington - Seattle, *Simulating Demography and Selective Harvesting Effects on Hawaiian Kona Crab.* Seattle, WA (Sep 2017)

International Coral Reef Conference, *Testing Spatial Harvest Strategies for Hawaiian Coral Reefs: A Biophysical, Metacommunity Approach* . Honolulu, HI (June 2016).

Graduate Climate Conference, *A Decision-Support tool for Hawaiian Reefs under Climate Change.* Woods Hole, MA (Nov 2015).

Island Futures Conference, *Testing Spatial Harvest Strategies for Hawaiian Coral Reefs: A Biophysical, Metacommunity approach.* Honolulu, HI (August 2015).

Awards and Fellowships

Graduate Assistantship, Environmental Protection Agency (2016) - $26,250 per annum

Garduate Assistantship, United States Geological Survey (August 2014 - Dec 2016) - $26,250 per annum

Scholarship, American Geophysical Union Early Carrer Scientist Travel Grant (February 2016) - Declined invitation because of prior engagements

Scholarship, Travel Grant, MIT-Woods Hole Graduate Climate Conference (November 2015) - $300

Dean's List, University of California at Berkeley (2010)

Computer Skills

R, Stan, JAGS, git, SQL, Arc, Oracle, LaTeX, MS Office