



## **Dr. Shui-Kai (Eric) Chang**

Professor

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Specialties: Fisheries Stock Assessment, Fisheries

Statistics, Fisheries Ecology, Marine Resource

Conservation

### **Selected publications: (up to 5 papers)**

1. Maunder\*, M.N., Thorson, J.T., Xu, H., Oliveros-Ramos, R., Hoyle, S.D., Tremblay-Boyer, L., Lee, H.H. Kai, M., **Chang, S.-K.** et al. (2020). The need for spatio-temporal modeling to determine catch-per-unit effort based indices of abundance and associated composition data for inclusion in stock assessment models. *Fisheries Research*, 229, 105594.
2. **Chang, S. K.**, Hu, N. T. A., Basir, S., Duyen, H. V., Nootmorn, P., Santos, M. D., & Satria, F. (2019). A step forward to the joint management of the South China Sea fisheries resources: joint works on catches, management measures and conservation issues. *Marine Policy*, 116, 103716.
3. Chang, Y. J., Hsu, J., Shiao, J. C., & **Chang, S. K.** (2019). Evaluation of the effects of otolith sampling strategies and ageing error on estimation of the age composition and growth curve for Pacific bluefin tuna *Thunnus orientalis*. *Marine and Freshwater Research*.
4. Liu, T. M., & **Chang, S. K.** (2019). Changes in local knowledge and its impacts on ecological resources management: The case of flyingfish culture of the Tao in Taiwan. *Marine Policy*, 103, 74-83.
5. **Chang, S. K.**, Yuan, T. L., Wang, S. P., Chang, Y. J., & DiNardo, G. (2019). Deriving a Statistically Reliable Abundance Index from Landings Data: An Application to the Taiwanese Coastal Dolphinfish Fishery with a Multispecies Feature. *Transactions of the American Fisheries Society*, 148(1), 106-122.