

# Can We Predict the White Shrimp Population Successfully?

RONALD J. DUGAS

*Louisiana Wildlife and Fisheries Commission  
New Orleans, Louisiana*

## **Abstract**

Biological sampling data obtained in January and February on offshore overwintering shrimp populations in the Ship Shoal to Trinity Shoal area were shown to correlate mathematically to the inshore spring white shrimp commercial landings of Terrebonne Parish and the total spring inshore white shrimp commercial landings for Louisiana.

Materials and methods for biological sampling, analytical procedure, and mathematical relationships are also presented.

---

This presentation has been published as "Correlations between Inshore Spring White Shrimp Population Densities and Offshore Overwintering Populations" by Wilson J. Gaidry and is available from the Louisiana Wildlife and Fisheries Commission.