

Air Quality I, Introduction

C. H. (Chester) Huang
Minerals Management Service

Model Integration and Simulations

- Meteorological Model: MM5
- Air Quality Model: CALPUFF
CMAQ
- **Data Sources from MMS's Studies:**
- **Meteorological Data:**
- Boundary Layer Study in the Western and Central Gulf of Mexico. 2004. STI
- Observation of the Atmospheric Boundary Layer in the Western and Central Gulf of Mexico, 2002. Vaisala, Inc., Gary S. Ziegler.

Emission Data

- Gulfwide Emission Inventory Study for the Regional Haze and Ozone Modeling Efforts. ERG
- The Data Quality Control and Emissions Inventories of OCS Platform Activities in the Breton Area of the Gulf of Mexico. ERG
- Development of Gridded Sources Emissions Inventories for OCS Related Activities in Gulf of Mexico in 1977 and 1988. Sonoma Technology, Inc.
- The Data Quality Control and Emissions Inventories of OCS Platform Activities in the Breton Area of the Gulf of Mexico.
- Breton Aerometric Monitoring Program Data Analysis.

Boundary Layer Study in the Western and Central Gulf of Mexico

Final Report

