



## SEMINAR

Jun. 2007: University of East Anglia  
*Modelling tides in the Gulf of Mexico*

Norwich, UK

## REFEREED JOURNAL PUBLICATIONS

1. **Gouillon, F.**, B. Vanni re, A. Bozec, E. Chassignet, Modeling the  $M_2$  and  $O_1$  Barotropic and Baroclinic tides in the Gulf of Mexico using HYCOM. In prep.
2. **Gouillon, F.**, D. Dukhovskoy, S. Morey, and J. J. O'Brien (2009), Forced Tidal response in the Gulf of Mexico, *J. Geophys. Res.*, In Review.

## CONFERENCE PROCEEDINGS (ORAL COMMUNICATION)

1. Gouillon, F., **Chassignet, E.**, Internal wave modeling in OGCMs. *Woods Hole Oceanographic Institution Geophysical Fluid Dynamics Program*, July 2009.
2. **Gouillon, F.**, Chassignet, E., Internal wave modeling in OGCMs. *Layered Ocean Meeting User's Workshop*, Miami (Florida, USA), 1-3 June 2009.
3. **Gouillon, F.**, Chassignet, E., Internal wave modeling in OGCMs. *European Geosciences Union, General Assembly Meeting*, Vienna (Austria), 19-24 April 2009.
4. **Gouillon, F.**, Chassignet, E., Internal Wave Generation and Propagation: Analytical and Numerical Computations. *3<sup>rd</sup> FSU Oceanography Symposium*, Tallahassee (Florida, USA), 13 November 2008.
5. **Gouillon, F.**, Chassignet, E., Numerical Representation of Internal waves in the HYbrid Coordinate Ocean Model (HYCOM). *American Geosciences Union, Ocean Sciences Meeting*, Orlando (Florida, USA), 2-7 March 2008.

## CONFERENCE PROCEEDINGS (POSTER COMMUNICATION)

1. **Gouillon, F.**, E. Chassignet, and L. St. Laurent : Internal wave modeling in Oceanic General Circulation Models (OGCMs). CLIVAR Working Group on Ocean Model Development, Exeter, England, 27-29 April 2009.
2. **Gouillon, F.**, D. Dukhovskoy, S. Morey, and J. J. O'Brien, Forced Tidal response in the Gulf of Mexico. *American Geosciences Union, Fall Meeting*, San Francisco (California, USA), 15-19 December 2008.
3. **Gouillon, F.**, B. Vanni re, A. Bozec, E. Chassignet, Modeling the  $M_2$  and  $O_1$  Barotropic and Baroclinic tides in the Gulf of Mexico using HYCOM. *3<sup>rd</sup> FSU oceanography symposium*, November 2008.
4. **Gouillon, F.**, D. Dukhovskoy, S. Morey, and J. J. O'Brien, Forced Tidal response in the Gulf of Mexico. *2<sup>nd</sup> FSU oceanography symposium*, November 2007.

## OTHER PUBLICATIONS

1. **Gouillon, F.**, Vanni re, B., Bozec, A., Chassignet, E., (2009), Modeling the  $M_2$  and  $O_1$  Barotropic and Baroclinic tides in the Gulf of Mexico using the HYbrid Coordinate Ocean Model (HYCOM), Research Activities in Atmospheric and Ocean Modeling, CAS/JSC Working Group on Numerical Experimentation.
2. **Gouillon, F.**, D. Dukhovskoy, S. Morey, and J. J. O'Brien (2006), Modeling Tides on Semi-Enclosed Basin: a Case Study of the Gulf of Mexico, Research Activities in Atmospheric and Ocean Modeling, CAS/JSC Working Group on Numerical Experimentation.

## TEACHING EXPERIENCE

Co-supervision of 5 summer interns (fourth-year engineering students). For details on these projects contact me.

## AWARDS AND GRANTS RECEIVED

1. Won physical oceanography outstanding student award 2008, \$100 and nomination to the Sigma Xi honor society
2. Won oceanography student travel award to go to the EGU meeting, Vienna, \$500, April 2009.
3. Won 1<sup>st</sup> place for best talk at the *3<sup>rd</sup> FSU oceanography symposium*, \$50, November 2008.
4. Won 2<sup>nd</sup> place for best poster at the *2<sup>nd</sup> FSU oceanography symposium*, \$25, November 2007.
5. Free participation at the *Modern Mathematical Methods in Oceanography Summer School* held at Breckenridge, Colorado, USA (14-23 August 2006).

## OTHER SKILLS

**Computer:** Fortran (90/77), C, Matlab, HTML, Linux, IDL

**Languages:** French: native language; English: fluent; Spanish: intermediate

AGU Member and Vice-President of the Thalassic Society (FSU Oceanography student association)

Main organizer of 2 of the FSU oceanography department symposium (~40 participants)

**Sport:** Soccer: youth national licensed coach.